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*Annual Studies in the History of Chemistry*:  
 1948–1967; *Historical Studies in the Physical Sciences*:  
 1969–1971; *Historical Studies in the Physical and  
 Biological Sciences*: 1986–2007; and *Historical Studies  
 in the Natural Sciences*: 2008–date

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**Title word cross-reference**

	[Bra15, Gar09, Jac09, Kli13, Lau14, Rai10].
	<b>\$25.00</b> [Coe10, Har09, Jac09, Lin09, Phi10].
	<b>\$25.44</b> [Coe10]. <b>\$25.95</b> [Por13, Zak13]. <b>\$26</b>
	[Ved20]. <b>\$26.00</b> [Rog12]. <b>\$26.95</b> [Zak13].
	<b>\$26.96</b> [Nov15]. <b>\$27</b> [Lon08, Phi10, Ved20].
	<b>\$27.00</b> [Lau14]. <b>\$27.95</b>
	[Kev09, Mod08, Rai10]. <b>\$28</b> [Ham10]. <b>\$29</b>
	[Rai10]. <b>\$29.00</b> [Fin13]. <b>\$29.95</b>
	[Bra15, Ham10, Har09, Kev09, Rog12, San10,
	Sta08, Wol13a]. <b>\$29.99</b> [Oni15]. <b>\$30</b>
	[Bal15, Kli13, Sta08, Ved20]. <b>\$32</b> [Sta08].
	<b>\$32.50</b> [Gar09]. <b>\$33.00</b> [Bro14]. <b>\$34.00</b>
<b>\$0</b> [Mod08]. <b>\$105.00</b> [Lau14]. <b>\$116.00</b>	
[Mor09]. <b>\$130.95</b> [Zak13]. <b>\$14.95</b> [Oni15].	
<b>\$15</b> [Kli13]. <b>\$15.46</b> [Mat15]. <b>\$17.00</b> [Ris10].	
<b>\$189.00</b> [Gor14a]. <b>\$19.99</b> [Nov15, Oni15].	
<b>\$20.75</b> [Mat15]. <b>\$21.00</b> [Phi10]. <b>\$21.95</b>	
[Har09, Wol13a, Zak13]. <b>\$22</b> [Joh08].	
<b>\$22.69</b> [Nov15]. <b>\$22.95</b>	
[Bro14, Kli13, Lin09, Oni15]. <b>\$23</b> [Mat15].	
<b>\$23.99</b> [Zak13]. <b>\$24</b> [Dea08]. <b>\$24.95</b>	

[Lau14]. **\$34.95** [Bra15]. **\$35** [Lon08].  
**\$35.00** [Coe10, Cro20, Gil08, Jac09, Phi10,  
 San10, Sch12a, Wal15a]. **\$35.96** [Lau14].  
**\$36.00** [Rad13]. **\$36.50** [Wol13a]. **\$37.00**  
 [Wol13a]. **\$37.10** [Str08]. **\$37.50** [Gar09].  
**\$38.95** [And09]. **\$39.00** [Fin13]. **\$39.95**  
 [Mod08, Ris10]. **\$40** [And09, Joh08, Mod08].  
**\$40.00** [Coe10, Mor09, Wol13a]. **\$42.00**  
 [Bro14]. **\$42.70** [Str08]. **\$43** [Ham10].  
**\$43.00** [Ris10]. **\$44.95** [Lau14]. **\$45**  
 [Bal15, Ham10, Joh08, Lon08, Nye09, Rai10].  
**\$45.00**  
 [Fin13, Gil08, Kim14, Phi10, Rad13, Sch12a].  
**\$46** [Str08]. **\$46.04** [Nov15]. **\$49**  
 [Mod08, Rai10]. **\$49.95** [Ham10, San10].  
**\$49.99** [Fle20]. **\$50.00** [Por13, Wal15a].  
**\$52** [Nye09]. **\$52.00** [Kev09]. **\$55**  
 [Bal15, Nye09, SD08]. **\$55.00**  
 [Cro20, Por13]. **\$59.50** [Str08]. **\$60.00**  
 [Fle20, Kim14, Rog12, San10]. **\$65.00**  
 [Mor09]. **\$65.33** [Nov15]. **\$68.95** [Phi10].  
**\$70.00** [Har09, Por13]. **\$74.50** [SD08].  
**\$74.95** [Har09]. **\$75.00** [Wal15a]. **\$76.00**  
 [Por13]. **\$80** [Lon08]. **\$85** [Bal15]. **\$85.00**  
 [Har09, Sch12a]. **\$87.00** [Wal15a]. **\$9.95**  
 [Oni15]. **\$90.00** [Gar09, Har09]. **\$99.00**  
 [Fle20]. <sub>2</sub> [Cha12, Gor14a, Wea07]. *B* = 0  
 [Dah86]. *N* [Nye80].  $\zeta$  [Rob83].

**-Rays** [Nye80].

. [Lau14].

//www.gutenberg [San10].  
 //www.gutenberg-e.org/rentetzi/  
 [San10].

**0-19-927905-5** [Gar09]. **0-226-23348-0**  
 [Nov15]. **0-226-62087-5** [Lon08].  
**0-292-70981-1** [Lon08]. **0-520-25750-2**  
 [Nov15]. **0-521-86584-0** [Har09].  
**0-674-01495-2** [Gar09]. **0-674-02713-2**  
 [Kev09].

**1-4214-0965-8** [Nov15]. **1600** [Bro14].  
**1685** [Ris10]. **1730s** [Gre83]. **1760** [Kim14].  
**1763** [Por13]. **1764** [MOBG09, Por13]. **1783**  
 [Coe10]. **1785** [DD59]. **1789** [Mil50]. **17th**  
 [Hol04]. **1840s** [Nyh17]. **1856** [Rai10]. **1860**  
 [Bal15]. **1870** [And09, Kev09]. **1880s**  
 [Sak24]. **1887** [Leg15]. **1890** [Bou12]. **1910s**  
 [Sak24]. **1917** [Wol13a]. **1926** [Sta11]. **1930**  
 [Sch12a]. **1930s** [Ano05c, BR94, Cas81,  
 Cha20, De 05, Den17, Gas96, Goo91, Hin03,  
 Mas06, Or198, Rig83, Tur06, Wit04]. **1934**  
 [Phi10]. **1940** [Rad13]. **1940s**  
 [Güt24, Rai00]. **1945** [Hop96, Wu20].  
**1945/1976** [Har11]. **1949** [Hop96, Rog12].  
**1950** [Fin13]. **1950s** [Kri08]. **1957** [Sch12a].  
**1959** [Wal15a]. **1960s**  
 [Den17, Hec14, Wis12b]. **1970** [Joh08].  
**1970s**  
 [Güt24, Hen19, Men21, Tur24, Wes08a].  
**1972** [Rad13]. **1975** [Lau14, Mat15]. **1976**  
 [Gol13]. **1980s** [Lam18, Wes08a]. **1986**  
 [HS89]. **1990** [Ham10]. **1990s** [Lam18].  
**19th** [Dar02, Dör91, Gol00, Son53, Wis87].  
**19th-century** [Dar02, Dör91, Gol00].

**2** [DeV87]. **2004** [Joh08]. **2005** [Mod08].  
**20th** [San10, CK90, Cat98, Dör06, Ore00,  
 Ren09, Shi86, Shi87, Wes20]. **20th-Century**  
 [CK90, Wes20]. **2nd** [Bro14, Zak13].

**43** [SF15].

'50s [Nyh17].

**9-780-8018-2509-5** [Rad13].  
**9-780-8018-5711-9** [Rad13].  
**9-780-8018-9785-6** [Por13].  
**9-781-4214-0363-2** [Rad13].  
**9-789-5871-6263-9** [Por13].  
**978-0-06135-132-7** [Oni15].  
**978-0-19-518775-5** [Str08].  
**978-0-19-925406-4** [Str08].  
**978-0-19-927905-0** [Gar09].  
**978-0-19-968696-4** [Bal15].

978-0-19-974005-5 [Bra15].  
 978-0-195306-97-2 [Nye09].  
 978-0-199-55001-2 [Ris10].  
 978-0-22-607968-4 [Bal15].  
 978-0-22-620328-7 [Bal15].  
 978-0-22-627651-9 [Bal15].  
 978-0-226-02939-9 [Bro14].  
 978-0-226-06863-3 [Sch12a].  
 978-0-226-13949-4 [Ris10].  
 978-0-226-23348-2 [Nov15].  
 978-0-226-30205-8 [Coe10].  
 978-0-226-34623-6 [Ham10].  
 978-0-226-39008-6 [Cro20].  
 978-0-226-41874-2 [Cro20].  
 978-0-226-42972-4 [Har09].  
 978-0-226-44046-0 [Cro20].  
 978-0-226-44990-6 [Sch12a].  
 978-0-226-45412-2 [Sch12a].  
 978-0-226-46531-9 [San10].  
 978-0-226-47078-8 [Fin13].  
 978-0-226-60856-3 [Gar09].  
 978-0-226-61063-4 [Wal15a].  
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 978-0-226-70917-8 [Fin13].  
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 978-0-226-72080-7 [Lin09].  
 978-0-226-73128-5 [Rai10].  
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 978-0-226-76886-1 [Kim14].  
 978-0-226-80347-0 [Fin13].  
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 978-0-230-23172-6 [Lau14].  
 978-0-230-35487-6 [Wal15a].  
 978-0-231-13558-0 [San10].  
 978-0-231-14628-9 [Wol13a].  
 978-0-252-07433-2 [Phi10].  
 978-0-253-00634-9 [Wol13a].  
 978-0-262-01236-2 [Ham10].  
 978-0-262-01658-2 [Kli13].  
 978-0-262-01833-3 [Lau14].  
 978-0-262-07293-9 [Phi10].  
 978-0-262-08378-2 [Coe10].  
 978-0-262-10116-5 [Mor09].  
 978-0-262-12281-8 [Joh08].  
 978-0-262-13476-7 [Kev09].  
 978-0-262-16242-5 [Jac09].  
 978-0-262-19557-7 [Ris10].  
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 978-0-300-11796-7 [Lon08].  
 978-0-300-21617-2 [Ved20].  
 978-0-3001-1075-3 [Joh08].  
 978-0-374-25682-1 [Ham10].  
 978-0-520-24751-2 [Jac09].  
 978-0-520-25750-4 [Nov15].  
 978-0-520-25812-9 [Zak13].  
 978-0-520-26786-2 [Rog12].  
 978-0-520-27144-9 [Zak13].  
 978-0-520-27274-3 [Rog12].  
 978-0-520-27477-8 [Lau14].  
 978-0-520-28930-7 [Wu20].  
 978-0-521-74509-3 [Zak13].  
 978-0-521-85690-4 [Mor09].  
 978-0-521-87087-0 [Lon08].  
 978-0-521-87559-2 [Ris10].  
 978-0-521-89760-0 [Sch12a].  
 978-0-674-02670-4 [Kev09].  
 978-0-674-03216-3 [Har09].  
 978-0-674-05078-5 [Wol13a].  
 978-0-674-06587-1 [Wal15a].  
 978-0-674-72581-2 [Wol13a].  
 978-0-674-97696-2 [Wu20].  
 978-0-691-11345-6 [Rai10].  
 978-0-691-12836-8 [Wol13a].  
 978-0-691-12854-2 [Ham10].  
 978-0-691-14032-2 [Bro14].  
 978-0-691-17246-0 [Ved20].  
 978-0-7432-9663-2 [Kli13].  
 978-0-801-89079-6 [Coe10].  
 978-0-801-89101-4 [Jac09].  
 978-0-8018-8444-3 [Joh08].  
 978-0-8018-8477-1 [Str08].  
 978-0-8018-8602-7 [Str08].

- 978-0-8047-8411-5 [Wu20].  
 978-0-8071-3551-8 [Bra15].  
 978-0-8090-9355-7 [Oni15].  
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 978-0-813-54404-5 [San10].  
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 978-0-87071-609-6 [Bro14].  
 978-0-87169-965-7 [Dea08].  
 978-0-87328-249-9 [Lau14].  
 978-0-905193-07-6 [Nye09].  
 978-0262-01231-7 [Mod08].  
 978-0262-08355-3 [Mod08].  
 978-03001-1078-4 [SD08].  
 978-0520-27096-1 [Kli13].  
 978-08122-3947-8 [Mod08].  
 978-08135-3666-8 [Mod08].  
 978-1-107-12697-8 [Fle20].  
 978-1-137-02528-9 [Lau14].  
 978-1-138-58767-0 [Fle20].  
 978-1-4214-0283-3 [Kim14].  
 978-1-4214-0788-3 [Lau14].  
 978-1-4214-0965-8 [Nov15].  
 978-1-4443-3943-7 [Zak13].  
 978-1-509-51893-7 [Ved20].  
 978-1-55849-975-1 [Bra15].  
 978-1-58834-352-9 [Oni15].  
 978-1-595-58196-9 [Zak13].  
 978-1-59643-827-9 [Oni15].  
 978-1-59691-452-0 [Oni15].  
 978-1-781-44078-0 [Fle20].  
 978-1-845-11459-6 [Har09].  
 978-1-86940-727-8 [Bra15].  
 978-1-890951-78-8 [And09].  
 978-2-200-25563-3 [Kim14].  
 978-2-753-50696-1 [Coe10].  
 978-3-039-10299-0 [Phi10].  
 978-8-400-08692-3 [San10].  
 978-84-490-3238-7 [Mat15].  
 978-84-9756-311-6 [SD08].  
 978-88-222-5496-2 [SD08].
- 978-9-5871-6135-9 [Por13].  
 978-9-5871-6326-1 [Por13].  
 978-9-5871-6490-9 [Por13].  
 978-94-007-3931-4 [Gor14a].  
 978-958-716-498-5 [Mat15].  
 978-958-761-142-7 [Mat15].  
 978-981-4307-81-9 [Wal15a].
- âge [Str06, SD08].
- A.D.** [God49]. **Aaron** [Bri15]. **Abiko** [Dar04]. **Abingdon** [Fle20]. **Aboriginal** [And20]. **'Abraded** [Wes96a]. **Absence** [Vaz23]. **Absolute** [Gal79]. **Abstraction** [Pye13]. **Abstracts** [Ful64]. **Abuses** [Bar18]. **Academia** [Por13, GUOB11, Por13]. **Academic** [FHW75, Gru95]. **Académie** [Hol03]. **Academy** [Pra49, Sla00, Byc13, NTT10]. **accelerate** [Hom06]. **Accelerating** [Sei83]. **accelerator** [HV06, KH93, Wit04]. **Accelerators** [Low06, Mun97, de 06]. **Acceptance** [Fra82, Fra83]. **Access** [Did18]. **Accidents** [Bur24]. **Acclimatization** [Bim21]. **Account** [Coh50]. **Accounts** [Löw90c]. **Accum** [Bro48]. **Accuracy** [Par09]. **accusation** [Ric17a]. **Acetone** [GD59, Gor62]. **Acid** [Ret65]. **Acquired** [Bro48]. **Across** [LGSL<sup>+</sup>22, Sur22, Tal16]. **Act** [Han15, Ter14, Hen16]. **Action** [Lal13, Rad13, Hol62]. **Active** [Far50]. **activities** [Tur06]. **Activity** [Lal13]. **Acts** [Ben12]. **Actual** [Den17]. **Adam** [Rai10, Rud08]. **Adaptation** [For71]. **Adas** [Har09]. **Addicted** [Rog12]. **Addiction** [Yu23]. **address** [Abi00]. **Adelene** [Bal15]. **Adhering** [Hen19]. **Adjuvant** [Ras93]. **Administration** [Mod08]. **Adrienne** [Ham10, Rai10]. **Advanced** [Wes08b]. **Advantages** [Wri14]. **Adventure** [Mil49]. **Adventures** [SD08, HS06]. **Adversaries** [Ful62]. **adversary** [Wer97]. **Adviser** [Eck90]. **Advisory** [Cit15, Ham10, McM22, Wan08]. **Aeronaut**

[Duv67]. **Aeronautics** [Mod08]. **Aerospace** [Lau14, Wes12]. **Affinities** [Hol62]. **Affinity** [WK67]. **Affirmative** [Rad13]. **Africa** [Nov15, CR09, Cro07, Fin13, Har09, Kel07, Til11]. **Africans** [Wel12, Hec12]. **After** [Kli13, Tur05, Bro76, Cas01, Dah86, Dev00, Kai02, KR18, Pre11, Ric17a, Sch03, Sch12a, Set11, Har09]. **Aftereffects** [Dör91]. **Afterword** [Nye17]. **Again** [Jon18]. **Against** [Wol13a, Cra00, Cul10, Ian93, Wer97]. **Age** [Bel18, Gil08, Lin20, Mar21, Mun21, Nee87, Nov15, Nye09, Rai10, Ric12, Rot13, Bar09, Coe07, Cur11, Ham08, McC08, Pri12, Rud08, Sec14, Yi07, Bal15, Bra15, Cah04, Coo07a, Cre15, Ham10, Lon08, Ric17b, San10, Set12]. **Agency** [Rus11b]. **Agent** [Bra15, Mar12]. **Aging** [Mor21a, Par10]. **Ago** [Eri23]. **Agricultural** [Mil61, Phi10, Har05]. **Agriculture** [Cur16, Tur08]. **Agronomy** [Coo19]. **Aguas** [Her08, San10]. **AIDS** [Lau14, Tie13]. **Aiken** [Rus15]. **Aileen** [Bal15]. **Air** [Moo23, Cha01]. **Airport** [Güt24]. **Akademie** [Pra49]. **Akera** [Mod08]. **Akkadian** [Lev60b]. **al** [BG10, Dei04, Por13, Lev64b, LAKAK66, Lev62, Lev64b]. **al-Kindī** [Lev62]. **Al-Samarqandi** [LAKAK66]. **Al-Sumum** [Lev64b]. **Al-Wahshiya** [Lev64b]. **Alan** [Str10]. **Alarm** [Rid84]. **Albatross** [Sla12b]. **Albert** [Leg15, Hum10, Sch02, Van07a]. **Alberto** [Por13]. **Alberuni** [Lev61a]. **Alchemical** [Hir50, Tay48]. **Alchemie** [GG50, Gan53]. **Alchemist** [For49, Gar09, Mil49, Kas05]. **Alchemists** [DW49]. **Alchemy** [For53, GG50, Gan53, Gar09, Ihd64, Lev61a, Num07, Rea48, Mor05, Gar09]. **Alcobaca** [GP17]. **Aldo** [Koh11]. **Alexander** [Sch12a, Jan11, Kre11, Lau14, Phi10, Rup08, Bou12]. **Alexis** [Mat15]. **Alfred** [SG99, Bor23, For70, Kau67a, Kau67b, Kau67c]. **Algeria** [Coo19]. **Algiers** [Pye90a]. **Algol** [Nof21]. **Algorithmic** [Mei23]. **Algorithmically** [Tat19]. **Aliphatic** [Rei53]. **Alix** [Lon08]. **Alkaloid** [Jac14]. **Alkaloids** [Les81]. **Allende** [Abb13]. **allgemeine** [Rhe50]. **Allibone** [Sei86a]. **Allied** [Cas94, SR02b]. **Allocation** [McM22]. **allosteric** [CG96]. **Alloys** [Fes62]. **Almeling** [Kli13]. **Almost** [Rus13, Wol13a]. **Alpinism** [FH19]. **Alwin** [Far66]. **Amanda** [Ric12]. **Ambergris** [God49]. **America** [Bou12, Har09, Nov15, Rad13, Sch12a, Wol13a, Ada06, AM64, Bar16, Coh50, Cro20, Cul10, Ede59, Fab10, Ham10, Hec14, Joh08, Kli53, Koh10, Luc08, Mir21, Mun03, Ndi07, Oli19, Ros82, Ros95, Ros12b, Rus13, Sch09, Shi19, Str08, Wan08, Wat07, Wis12b, Wol13b, Zun12]. **American** [Bou12, Bri15, Dea08, Fel13, Joh08, Lau14, Lon08, Rai10, Set12, Wol13a, Bac65, BO06, Cah04, Coo12, Dim14, FH11, Gol00, Goo03, Hed08, Her12, Jan11, Kai02, Kev90, Koh08, Kri08, Lev00, LK24, Mar15, McM22, Mil50, Mil90, Oli13, Par12, Rai00, Rei49, Swa17, Tur13, Wan95a, Wes07, Wol10]. **Americanization** [Ass92a]. **Americans** [GS94, May05, Rai10]. **Amherst** [Bra15]. **among** [Lei61, Rob20, Wil82]. **Analogues** [Jac14]. **Analogy** [Set16, Whe81]. **Analyses** [Deb62]. **Analysis** [Sco50, Sig92, MD03]. **Analyst** [Gue22]. **Analytical** [Fri77]. **Ananda** [Kev94]. **Anatomy** [Nov15, Cur11]. **Ancestry** [FR20]. **Ancient** [Kin11, BJ10, Fes62, Fig66, Lei61, Lev59, LB59, Lev60a]. **Andean** [Bim21]. **Anderson** [Kle19]. **Andover** [HS89]. **Andrew** [Bou12, Nov15]. **Androids** [DGH<sup>+</sup>24]. **Anecdote** [GM12]. **Angel** [Gor17, Por13]. **Angela** [Lin09]. **Angeles** [Rog12]. **Anglo** [Goo03]. **Animal** [Bol22, Güt24, Low23, OD23, Tea23, Ven24, Kli53]. **Animals** [Lon08, Nyh17, Tyr18, Gol00]. **Anja** [Wal15a]. **Anker** [Bra15]. **Ann** [Cho12, Nov15]. **Anna** [Bal15, Har09]. **Anne** [Cro20]. **Annie** [Kli13]. **Anomalies** [Jen84, Rue92]. **Anomalous** [For70]. **Answers** [Bub19]. **Antebellum** [Cas09a].

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**Barometric** [Fel85]. **Barrera** [Lon08].  
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**Bauhaus** [Bra15, Ank10]. **Bay** [Eri23, Gil23]. **Bayerischen** [Pra49].  
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**Became** [Jon18, MN18, Bru07]. **Become** [AL20]. **becomes** [Col03]. **Becoming** [Kai10, Pan24, Cho12]. **Before** [Kat19, Kli13, Rad13, Rai10, Bro76, Han79, Hoo49, Low23, Pau11, Rud08, Sch03].  
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**Behaviorism** [Arb19]. **Behind** [For87].  
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**Bellies** [Her24]. **Benedict** [Nes13]. **Benioff** [Dör21]. **Benjamin** [Mil53]. **Benzer** [SD08, HS06]. **bequest** [Bru03]. **Bergman** [Sch67]. **Bergson** [Som20]. **Berkeley** [Jac09, Kli13, Lau14, Nov15, Rog12, Zak13, CG96, Smo09, Sun12, Wes96a]. **Berlin** [Cha94, Sch81, Ven24, nye07]. **Bernal** [Por13]. **Bernard** [Huf94]. **Berthollet** [Hol62, Kap65, Par59]. **Berzelius** [Sol61].  
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**Betwixt** [Bri15]. **Beyond** [Cas09b, Ito24, MJ15, Ved19, Wan20, Yu23, Wan99b, Sta11].  
**bias** [Van07a]. **bibl** [Sch12a, Zak13]. **biblio** [Lau14]. **Bibliography** [Ano86b, Dei48, Low86a, Low86b, Low87, Low88b, Low88a, Low89b, Low89a, Low90b, Low90a, Low91, Rid91, Rid92, Rid93, Bey00, Bey01, Bey02, Gro03a, Gro03b, Gro04a, Gro04b, Gro05a, Gro05b, Pan93, Pan94a, Pan94b, Pan95, Wes96b, Wes97a, Wes97b, Wes98a, Wes98b, Wes00, You06b, You06a, You07a, You07b].  
**Bicycle** [Gib12]. **Big** [ABO10, Bro23, Bro07, Col10, Hal11, Sei86b, Spi11, Zak13, Chr11, Col03, HV06, Kev97, Wan95b, Wil99, BK21, Bro07, Hag14, Hed08, Kev97, Kra14, Oli19, Rai10, Zak13]. **Bikini** [Rai00]. **Binary** [Ha15]. **Bio** [Far50, Iri23]. **Bio-Active** [Far50]. **Bio-Materials** [Iri23]. **Bioarchaeology** [Lan23]. **Biobanks** [Lin20]. **Biochemical** [Koh91, Lei61]. **Biochemistry** [Koh77, Rei17b].  
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[DGH<sup>+</sup>24, Joh08, Lev64c, Nye74, SS23, Lon08, Wes07, Nur21, Par60]. **Blackness** [Nov15, Cur11]. **Blackwell** [Zak13]. **Blanc** [Gil08]. **Bleichmar** [Por13]. **Blight** [Tur08, Tur05]. **Bloch** [Kri01]. **Blood** [Gol00, Sch12a, Kre11]. **Bloodworlds** [Muk20]. **Bloomington** [Wol13a]. **Bloomsbury** [Oni15]. **Blue** [LU13, Les01, Wes12, Lau14]. **Bodies** [Wu20, Tak12, Kli13]. **Body** [Bau21, Fel13, Low23]. **Bogdanov** [Sch12a, Kre11]. **Bogotá** [Mat15, Por13, BGC08, Por13]. **Bohm** [Fre05, Koj02]. **Bohr** [Aas99, Bro71, HK69, Kle70, Kra79, RH00]. **Bologna** [Hei91]. **Bomb** [Ber88, Mod08, Cas09b, FV13, Goo03, Hop96, Oni15, Sta11]. **Bombs** [Joh08, Ndi07]. **Bond** [Koh71]. **Bonds** [Sur22]. **Bone** [Hed08, Kra09a, Rai10]. **Bones** [Rai10]. **Book** [Abb13, And09, Bal15, Bou12, Bra15, Bri15, Bro14, Cho12, Coe10, Cro20, Dea08, Dim14, Dör12, Fel13, Fin13, Fle20, Gar09, Gil08, Gol13, Gor14a, Hag14, Ham10, Han15, Har09, Hec14, How12, Jac09, Joh08, Kev09, Kim14, Kin11, Kli13, Lau14, Leg15, Lin09, Lon08, Mat15, Mit21, Mod08, Mor21a, Mor09, Mor21b, Nov15, Nye09, Oni15, Phi10, Pic14, Por13, Rad13, Rad12, Rai10, Rey21, Ric12, Ris10, Rog12, San10, Sch12a, Sei86a, Seo21, Sta11, Sta08, Str08, SD08, Ved20, Wal15a, Wel12, Whe82, Wit21, Wol13a, Wu20, Zak13, Lev64b]. **Books** [Bal15, Oni15, BG13, Hop96, Sec14]. **Booth** [Mil66]. **Border** [Mit21]. **Borderland** [Bug89, Ser83]. **Borderlands** [Moo16]. **Borders** [Cam20]. **Borealis** [Kra09b]. **Borrello** [Ric12]. **Bosio** [Por13, BGC08, MOBG09]. **Botanical** [Nov15, Por13, Ble12, CR09]. **Boundaries** [Dim14]. **Bounding** [Pye90b]. **Bowl** [Cha20]. **Bowler** [Sch12a]. **Bowles** [Mod08, Pan90b]. **Box** [Har24]. **Boyden** [Str10]. **Boyle** [Bue53, Deb62, Hoo49, Ihd64, Sar50]. **brain** [Sma08, Zak13]. **Brakes** [Cho12, Joh09]. **Branch** [Gue76]. **Brand** [Wu20]. **Brave** [Kli13]. **Brazilian** [Bur06, RM06, TBV20]. **Breakdown** [BC91]. **Breaking** [Sur22]. **Breast** [Jac09, Par07]. **Bred** [Tyr15]. **Breeding** [Cro20, Har10, Tyr15]. **Brenngläser** [Win49]. **Brent** [Wol13a]. **Brian** [Lon08]. **Bricolage** [LLV<sup>+</sup>22]. **Bridges** [GSLV<sup>+</sup>22b]. **Bridging** [Hog15]. **Brief** [Coh50]. **Bringing** [Les01, Wri14]. **Britain** [Bow09, Can75, CS78, Dor75, Gar78, Ott08, Rid84, Sch12a, Svi76, WS86]. **British** [Coe10, Har09, Wal15a, AvL16, AB98, Bur82, CH16, Coe10, Cro07, EG80, Gav90, Gol70, Gol07, Lau12, Mor71, Mul08, Wis82, Wis87]. **Broad** [Pye11]. **Brock** [Cho12]. **Brodie** [Far64b]. **Broglie** [RF69]. **Bronn** [Phi10, Gli08]. **Bronze** [LB59]. **Brook** [Mod08]. **Brookhaven** [Cre01, Nee83]. **Brown** [Zak13]. **Browne** [Dei48]. **Brownian** [Ian93]. **Bruce** [Gar09]. **Bruno** [SD08, Kim14]. **Brunswick** [Kli13, Mod08, San10]. **Brussels** [Aub20]. **Bubble** [KP86]. **Buchwald** [Kin11]. **Buckland** [Bal15]. **Bud** [Str08]. **Buen** [NG12]. **Build** [GB89, Mun03, Par01]. **Building** [Bou12, Nes13, Par07, Rio01, SW10, Sim19, Tur82, Wu20, Jan11, Jac09]. **Built** [Sta12]. **Bulgaria** [Tch67]. **Bulletin** [Sla12a]. **Bullets** [Str08]. **Bunsen** [Rhe50]. **Bunsens** [Rhe50]. **Burden** [Fel13]. **Burrow** [Wei22]. **Bursting** [Gil08]. **Bush** [Mir21, Rei87]. **Business** [Bal15, Rus15, Fyf12]. **businessman** [Tur06]. **Butterflies** [Sak24]. **Buys** [AvL16]. **Byrne** [Oni15].

**C** [Bor23, Cho12, Coe10, Dei48, Dim14, Far64b, Hag14, Har09, Kim14, Lau14, Sta11, SD08]. **CA** [Wu20, Kra09a]. **Calculating** [Ake07, Tat16, Mod08]. **Calculus** [Far64b].



**Caldwell** [Kli53]. **California** [Jac09, Kli13, Lau14, Nov15, Rog12, Wu20, Zak13, Goo84, Kar77, Lau14, Wes12, Zul09]. **Call** [Hui22]. **Calm** [Dun23]. **Calomel** [Urd48]. **Caloric** [Mel83, Par10]. **Caltech** [McC04]. **Cambridge** [And09, Coe10, Fle20, Gar09, Ham10, Har09, Jac09, Joh08, Kev09, Kli13, Lau14, Lon08, Mod08, Mor09, Nye09, Phi10, Ris10, Sch12a, Ved20, Wal15a, Wol13a, Wu20, Zak13, Bec80, Hen84, Hin03, Rob80, Sei86a, ST70, Wil82, Wis87]. **Camouflage** [Goll13, She12]. **Camp** [Ben01]. **Campbell** [Cre83]. **Campos** [Cro20]. **Can** [Dar84, LVGS+22]. **Canada** [Wal15b]. **Canadian** [Cas01, Sow17]. **Canal** [Bro14, Van07a, Muk09]. **Canals** [Sim19]. **Cancer** [Cre15, Fef92, Jac09, San10, San15, Sem08, Kut09, Leo09, Par07]. **Candles** [Low23]. **Cannizzaro** [vSvS66]. **Capacities** [Mil90]. **Capture** [Lae22]. **Capturing** [Ame22]. **Carbon** [Hen19]. **Care** [Bar15, Col24, Par07, Jac09]. **Career** [And20, Mil90, Ams93, LKB05]. **Careers** [Bri15]. **Caribbean** [Coe10, Mul08]. **Carl** [Cha11, Nyh17, Ros22, dM48]. **Carnegie** [Wol13a, Par12, Ser83]. **Carney** [Nov15]. **Carson** [Hec11, Ric17b]. **Cartographies** [Bur24]. **Cartography** [McG18]. **Case** [Ahn22, Can75, Hac86, Han79, Joh13, LU13, Löw90c, Mel83, Nye12, Sut81, Tab22, Wis79, Dmi04, Wan99b]. **Cases** [Lin09, CLW07]. **Cassidy** [Hop96, Sta11]. **Catalyse** [Lem49]. **Catalysis** [Kuz66, Lem49]. **Catalytic** [SS18]. **Catastrophic** [Bra15, Ham13]. **Catching** [Ter14, Han15]. **Category** [Sch12a]. **Catherine** [Ham10]. **Causality** [For71]. **Causes** [Tur71]. **Cavendish** [Pic14, Sar10b]. **CDF** [Wes01a]. **Celestino** [BG10, GUOB11, Por13, WG10]. **Cell** [Ha15, Kra09a, Lan19, Liu19, SSD15, Vie17]. **Cell-Based** [SSD15]. **Cells** [Kli13, Alm11]. **Cellular** [Rey21]. **Censorship** [McM22]. **Census** [Von18]. **Center** [Bou18, HHH15a, HHH15b, MC13]. **Centre** [De 02]. **Centuries** [Dol76]. **Century** [Bal15, Bar16, Cro20, Dav86, Dör12, Lau14, MJ15, Mor09, Nes13, Nye74, Phi10, Ren09, Rog12, San10, Sch12a, Shi86, Shi87, Str08, Wis87, Wol13a, Bow09, Buc13, Dar02, Gep11, Hol04, Ito24, Jac12, Jan11, Par12, Rhe10a, Sch08a, Ter14, Wes12, Bad18, Bor23, Bou12, Bro69, CK90, Cat98, Dor75, Dör91, Dör06, DW49, Far50, Far64a, Gar78, Gis11, Gol00, Hac86, Han15, HG71, Hol18, Huf71, Jac06, Kat09, Ker13, Lau14, Lev66, Lev67a, NV17, Ols08, Ore00, Pal89, Pan20, Por18, Pye82, Rap60, Rea48, Rob20, Sch09, ST18, Son53, Tea23, Ven24, Von18, Wal15a, Wes20, Wu20, Pic14, Sta16]. **CERN** [KP86, Kri01]. **Certainty** [Bug92]. **Chakrabarty** [Kev94]. **Challenges** [Wit21]. **Chamber** [Ber19]. **Chambers** [Bal15, KP86, Fyf12]. **Chandler** [Bac65]. **Chandra** [Bro14]. **Change** [Cha93, Cho12, Hec14, Huf71, Les81, NTT10, Shi79, Doi09, Dör06, Wis12b]. **Changes** [Kel12]. **Changing** [DM06, NTT10]. **Chapters** [Chu67]. **Character** [Dav86]. **Charity** [Wol13a, Rus13]. **charlatans** [Gol00]. **Charles** [Dea08, Byc13, Kai11, Kli53, Mor09, Pye74, Rus15, SG99, Smi06, Tho17]. **Charlotte** [Ric17b]. **Chatto** [Fle20]. **Chemical** [Bac65, Cof06, Coh50, Ede59, Far61, Far65, Far64b, Gue59, Hir50, Hol62, Hoo49, Jai66, Koh75, Lev61b, Lev64a, Lev66, Luk64, Mau12, Mil50, Mil59, Par48, Pra49, Rei53, Roc78, Sie59, Tho22, Urd48, Mil50]. **Chemico** [Abi91]. **Chemico-Thermal** [Abi91]. **chemische** [Pra49]. **chemischen** [Win49]. **Chemist** [Duv67, Mil53, Rap60, Rei49, Rob80, Sar50, Sch59, Siv62]. **Chemistry** [Bro75, Byk65, Cha93, Coh50, Dei48, Dol76, Don67, Far62, Far66, Fig66, Fre81, Gar09, Gue76, Hal62, HS18, Hof17, Hol03, Hor66, Huf71, Joh13, Kli48, Kli59, LK50, Lev60a,

Lev62, Lev64b, LAKAK66, Low23, Par09, Pet16, Rây59, Rhe50, Rob76, Rob80, Sch90, Sem66, Son53, Tch67, Tei10, Tur82, Van49, deM53, Cha94, GS94, Hol04, KW96, Mor05, SG99, PVP50, Rob76, Kli53, Par60, PVP50].

### **Chemists**

[DW49, Gav90, Gol60, Joh13, Mil61].

**Chenches** [Muk20]. **Chesapeake** [Gil23].

**Chicago** [And09, Bal15, Bro14, Coe10, Cro20, Fin13, Gar09, Gil08, Ham10, Har09, Kim14, Lin09, Lon08, Mor09, Nov15, Nye09, Phi10, Por13, Rai10, Ris10, Rog12, San10, Sch12a, Slo14, Wal15a, Fef92, Slo14].

**Chichester** [Zak13]. **Chicken** [OCS08].

**Chikako** [Kli13]. **Child**

[Ham10, Mun11, Rog12, Gre08]. **Children**

[Sch12a, Koh10]. **Chile** [Abb13]. **Chimie**

[PVP50]. **Chimistes** [Dau48]. **China**

[Bia22, Gre08, Hu04, Jia16, Mull2, Rog12, Sch08a, Wan99b, Wil99]. **Chinese**

[Rog12, Lam11, LK24]. **Chlorate** [Dav48].

**Choh** [Zul09]. **Choice**

[Het82, Koz91, KP86, Ric12, Mil10b].

**Choosing** [Rei95]. **Chrestomathy**

[DGH<sup>+</sup>24]. **Chris** [Mor09]. **Christian**

[Zak13, Lev66]. **Christiane** [Kel96].

**Christoph** [Wal15a]. **Christophe**

[Cho12, Joh08]. **Christophle** [Nev65].

**Christos** [Oni15]. **Chromatin** [Ha15].

**Chrome** [Lav14]. **Chromosome** [dC15].

**Chromosomes** [San15]. **Chronology**

[Dru20]. **Chymie** [Nev65]. **Ciencias** [CA14].

**científica** [Por13, BGC08]. **Científicas**

[San10, Por13, GUOB11]. **cinema**

[Kir11, Hec14]. **circa** [FHW75, SF13, SF15].

**Circulation** [CR16, Leg15, Mat15, Sim11].

**Circumstances** [Dah86]. **Citing** [Ala23].

**Citrus** [Coo19]. **City** [Tat16]. **civic** [Fre97].

**civil** [Hol99, Low99]. **Civilianization**

[Mun12]. **Civilizing** [Har09, Ada06].

**Claiming** [Sow17]. **claims** [Huf07]. **Claire**

[OL50, Sol65]. **Clara** [McC64]. **Clarendon**

[Gar09, Ris10, Mor92]. **Clarke** [Sch90].

**CLAS** [Wes01a]. **Classed** [Szc23].

**Classical** [Kuz71, Sie78, Tal16].

**Classical-Electromagnetic** [Sie78].

### **Classification**

[Dea14, Koh08, Rog12, Mull12]. **Classroom**

[Bay24, Ham24]. **Clausius**

[Gar70, Kle69, Pet16, Yag84]. **Clément**

[Lem49]. **Clements** [Mas06]. **Climate**

[Cha20, Coe10, Dör20, Ger21, Hen16, MN18,

NTT10, Wal15b, DM06, Dör06, Fle06, Gol07].

**Climatology** [Har09, Jen06, Mas06]. **Clines**

[And20]. **Clive** [Par10]. **Closing** [Mat15].

### **cloth**

[And09, Bra15, Coe10, Cro20, Fin13, Gar09,

Gil08, Ham10, Har09, Jac09, Joh08, Kev09,

Lin09, Mod08, Mor09, Nov15, Nye09, Phi10,

Rai10, San10, Sch12a, Sta08, Ved20, Wu20].

**Cloud** [Ber19, Ham10, Gor09]. **Clouds**

[Car20, Von01]. **CO** [Wea07]. **Coal**

[Bou12, Luc08]. **Coated** [Eri23]. **Coats**

[Hec14, Kir11]. **Cockburn** [Sei86a].

**Cockcroft** [HA84, Sei86a]. **Coded** [Mei23].

**Coen** [Nye09]. **Coins** [Lev67b]. **Cold**

[Ake07, Ham10, Hec14, Mod08, San10,

Wol13a, AB98, Aro17, Bru03, Cul10, Dör20,

Fre05, Hec14, Hou97, Kai02, Kev90, Kri99,

Kri05, Lee16, Leo09, Lev13, LK24, Mar22,

MK20, Mun03, Oli19, SR02a, Sei01, Shi16,

Shi19, Sla12a, Sla12b, Tat19, Tur20, VD10,

Wal00, Wan95b, Wan99b, Wan08, Wan12,

Wan20, Wea97, Wil15, Wol13b]. **Colding**

[Can97]. **Colegio** [MOBG09, Por13].

**Coleman** [Hag14]. **Colin** [Kim14].

**Collaborating** [Wes01a]. **Collaboration**

[Gue76, Nie89, Nie91, Pye76, Oli09]. **collar**

[Les01]. **colleague** [BH07]. **Collecting**

[NVHB24]. **Collection** [Cas09a, Sig92].

**Collections** [Sun12]. **Collections-Based**

[Sun12]. **Collective** [Sta19, Can05, Koj02].

**collectivism** [Koj99b]. **Collector** [Rus15].

**Collectors** [Nov15, Fab10]. **College**

[Rob76, Bac65]. **Colleges** [Phi10, Har05].

**Collider** [Cre08, Par01, Rio01]. **Collins**

[Oni15]. **Colombia** [Mat15]. **Colonial**

[Coo19, Don67, Har09, Kel07, LP24, Wu20,

Cro07, Jen06, Cro07, Har09, Pan24].  
**Colonies** [Dim14, McC3 ]. **Colonizers** [Har09, Jen06]. **color** [And09, Lau14].  
**Colorado** [Rus15]. **Colored** [Dav48].  
**Colorful** [Von01]. **Columbia** [San10, Wol13a]. **Columbian** [Mil59].  
**Combinatorics** [Dar88, Dar91]. **come** [Mun03]. **Comes** [Goo84]. **Comfort** [Bel18].  
**Coming** [Hop96, Mul12, Yi07, Rog12].  
**Comment** [Lyn12, Kat05]. **Commentaries** [Lyn12]. **Commentary** [ST70]. **Commerce** [Lon08, Coo07a]. **Commercial** [Kin13, Lev64a]. **Commission** [Sei86b, Sei01]. **Committee** [Ham10, McM22, AB98, Cit15, Wan08].  
**Commodification** [Kin13, Sak24].  
**Common** [Ten19]. **Commons** [Ger21].  
**Communicating** [Sim11, Leg15].  
**Communication** [Set12]. **Community** [Dim14, Koh75, Kra85, Lar17, Lau14, Lek23, Nes13, Shi19, Tei10, Mal00, Mod12, Mun13, Rei95, Shi93]. **Community-Building** [Nes13]. **Comparative** [Jac09, Str10, Dar94, Hin03, Par07].  
**Competing** [Hec14, Wol13b, Wis12b, Hec14].  
**Competition** [Lek23, Rob20].  
**complementarity** [Jac07, RH00].  
**Complex** [Lek23]. **Complexity** [Kel09].  
**Composition** [Sme66]. **Compositions** [Dav48]. **Compton** [DR89, Lec92].  
**Computational** [Par09]. **Computer** [DiM24, Koi07, Mod08, Tat19]. **Computers** [Mod08, Ake07]. **Computing** [Abb13, Dim14, HS18, MN18, Sei08, Nov12].  
**Comteanism** [Tho17]. **Concept** [Bro76, Hei76, Hir69, SF13, SF15, Ten19, Wis79].  
**Conception** [Esp15]. **Concepts** [Elk70, HG71, Lei61, Par48, FG98, FG99].  
**Conceptual** [Les81]. **Concerning** [Kus18, Bro48, Far61]. **Concrete** [Dör12, Rhe10a]. **Conference** [HS89, Sta11, BV09]. **confession** [Ric17a].  
**Conflict** [Ung19, Ved19, Kim02].  
**Conflicting** [Vie17]. **Confronting** [Ric12, Bar09]. **Confronts** [Cre83].  
**confusion** [KW96]. **Congress** [Aub20, dM48]. **Conjectures** [Sie64].  
**Connecting** [Tai17]. **Connection** [Gre83].  
**Conquest** [Swa17]. **Consciousness** [Kai11].  
**Consejo** [San10]. **Consensus** [NTT10, Shi19]. **Consensus-Based** [Shi19].  
**Consequences** [Pye11]. **conservado** [BGC08, Por13]. **Conservation** [Mar16, Wis79, Dar01, Mas06].  
**Consolidating** [Ber19]. **Consolidation** [Dor75]. **Constant** [Nep60]. **constants** [Lel05]. **Constructing** [Hec11, Wal15b].  
**Construction** [Fin21, Par10, Rog12, Tab22, Wal15a, BV01, Can05, HV06, Lam11, Nye11].  
**constructivist** [Pan97]. **Constructs** [Kli13, Tak12]. **Consultants** [Wil15].  
**Consulting** [Bou12, Luc08]. **Contact** [Hod81]. **Contemporaries** [Ful67].  
**Contemporary** [Lów90c]. **Contentious** [Ric12, Bor10]. **Contents** [Ano05d, Ano07e, Ano07f, Ano08j, Ano08k, Ano08l, Ano08m, Ano09j, Ano09k, Ano09l, Ano09m, Ano10l, Ano10i, Ano10j, Ano10k, Ano11e, Ano11f, Ano12k, Ano12l, Ano12m, Ano12n, Ano13k, Ano13l, Ano13m, Ano13n, Ano13o, Ano14i, Ano14j, Ano14k, Ano14l, Ano15k, Ano15l, Ano15m, Ano15n, Ano15o, Ano06d, Ano06e].  
**Contested** [Kut09, San10]. **Context** [Can78, DiM24, Fri89, Rob76, Tur71].  
**Contextualists** [Ste88]. **Continental** [Ore88]. **Continuing** [Ung19]. **Continuities** [Gal23]. **Contraception** [Kli13, Pre11].  
**Contraceptive** [Kli13, Tak12].  
**Contributions** [Dei48, Hei91, Kli59, Rei53, WK67, Or198, SG99]. **Control** [Mir21].  
**Controlling** [Cas94, Cas96]. **Controversies** [DIR91]. **Controversy** [Bri15, DR89, Ede48, FH19, Kau60, Kin11, Kli53, Ric12, Sch64, SF13, SF15, BJ10, Pan14, Ree09]. **Conway** [How12]. **Cook** [Kim14, Lon08, Tak11].  
**Cool** [Moo23]. **Cooper** [Lon08].

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- Work** [Col24, Cro88, Fal88, Gav90, LO48, Nie89, Nie91, Pal89, Rüg88, Str64, WS86, Kel96, Lel05, Ore00]. **Worker** [Gas21].
- Workers** [Ahn22]. **Working** [Bro14, Isa12, Sta16, Bri15]. **Works** [Bia22, GP17, Bue53]. **Workshops** [Tea23, FG98, FG99]. **World** [Bri15, Bub19, Cah88, Dol76, Gal79, Jac09, Kel12, Kli13, Mod08, Rad13, TP16, Wal15a, Wil15, Wol13a, dCP18, Ake07, CR09, Cul10, Dea07, For08, Kat05, KH93, Ros12b, Set04, Set05, Wil13, Aas99, Cas01, Dah86, Dev00, Hod93, Jon18, Kai02, KR18, Nov15, Por13, Ric17a, Ris10, Rus86, Tei10, Tur13, WG10, Han15].
- world-view** [Kat05, Set04, Set05]. **Worlds** [Rud08, Sta16, Vie17, Rai10]. **Worldview** [Hir76, Set20]. **Worrying** [Mod08, Smo12].
- Worthy** [Wol13a, Rus13]. **Wounds** [Sem23].
- Wrenching** [Vel22]. **Writing** [Sim16, TAR+20]. **Wrote** [Joh08, BG13].
- WWF** [Cam20]. **www.gutenberg-e.org** [San10].
- x** [Bra15, Har09, Jac09, Kev09, Kim14, Lau14, Mor09, Nye09, San10, Sta08, Het87, Hog15, Whe81]. **X-Ray** [Het87]. **X-Rays**



[Whe81]. **Xavier** [Mat15]. **xi**  
 [Ham10, Har09, Kli13, Lon08, Mod08, Nye09, Ris10, Wal15a]. **xii**  
 [Bra15, Bro14, Fin13, Jac09, Kev09, Lau14, Phi10, Por13, Ris10, San10, Wal15a, Wol13a]. **xiii**  
 [Bal15, Fin13, Fle20, Ham10, Kev09, Rai10]. **xiv** [Fin13, Har09, Lon08, Phi10, Rai10, Sch12a, Wal15a, Wol13a, Zak13]. **xix**  
 [Bro14, Dea08, Nye09, Poh11]. **XIXe** [Aas95]  
 [Coe10, Loc08]. **Xu** [Mil99]. **xv**  
 [Coe10, Lin09, Mod08, Wu20, Zak13]. **xvi**  
 [Bal15, Bra15, Lon08, Sch12a, Zak13]. **xvii**  
 [Gar09, Mod08]. **xviii** [Gar09, Rad13, Rai10]. **xx** [Phi10, Rad13, Mat15]. **xxi**  
 [Gor14a, Zak13]. **xxii** [Fle20, Rai10, Sta08]. **xxiii** [Mor09]. **xxiv** [Gil08]. **xxix**  
 [Lau14, Mod08]. **xxvii** [Ham10, Zak13]. **xxxiii** [SD08]. **xxxiv** [Sta08]. **xxxix** [Rai10].

**Yakobi** [Sol65]. **Yakov** [Fre97]. **Yale** [Gar09, Joh08, Lon08, SD08, Ved20]. **Year** [Ame22, ABO10]. **Years** [Ber88, Dah84, GM12, vSvS66]. **Yeast** [GSLV<sup>+</sup>22b]. **Yellow** [Hen19]. **Yes** [SD08]. **Yoo** [Wu20]. **York** [Bra15, Ham10, Kli13, Lau14, Oni15, San10, Sch12a, Sta08, Wol13a, Zak13]. **Yoshio** [Ito02, Kim06]. **Young** [Sch90]. **youthful** [Huf07]. **Yves** [Ved20].

**Z** [Kin11]. **Zealand** [Bra15, Pri12]. **Zee-man** [For70]. **Zodiac** [Kin11, BJ10]. **Zoo** [Güt24, Ven24]. **Zoology** [Sun12]. **Zukunftsaufgaben** [Gan53]. **Zunz** [Wol13a]. **Zuoxiu** [Mil99]. **Zuoyue** [Ham10]. **Zur** [Pra53]. **Zwang** [Ser77].

## References

[AA95] **Abir-Am:1995:NTH** [AB98]  
 Pnina Abir-Am. 'new' trends in the history of molecular biology.

*Historical Studies in the Physical and Biological Sciences*, 26 (1):167–196, 1995. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Aaserud:1995:SPT**

Finn Aaserud. Sputnik and the 'Princeton three:' the national security laboratory that was not to be. *Historical Studies in the Physical and Biological Sciences*, 25(2):185–239, 1995. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Aaserud:1999:SSN**

Finn Aaserud. The scientist and the statesman: Niels Bohr's political crusade during World War II. *Historical Studies in the Physical and Biological Sciences*, 30(1):1–47, 1999. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Aaserud:2007:RMT**

Finn Aaserud. Russell McCormack as a teacher. *Historical Studies in the Physical and Biological Sciences*, 37(2):453–462, March 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Agar:1998:BSC**

Jon Agar and Brian Balmer. British scientists and the Cold War: The Defence Research

- Policy Committee and information networks, 1947–1963. *Historical Studies in the Physical and Biological Sciences*, 28(2): 209–252, 1998. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [AB23] Eleanor S. Armstrong and Jordan Bimm. The trouble with space auctions. *Historical Studies in the Natural Sciences*, 53(4):425–??, September 2023. CODEN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/53/4/425/197390/The-Trouble-with-Space-Auctions>.
- [Abb13] Janet Abbate. Book reviews: Killer apps and technomyths: *Divining a Digital Future: Mess and Mythology in Ubiquitous Computing Histories of Computing Cybernetic Revolutionaries: Technology and Politics in Allende’s Chile Biomedical Computing: Digitizing Life in the United States Simulation and Its Discontents*. *Historical Studies in the Natural Sciences*, 43(1):105–112, February 2013. CODEN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2013.43.1.105.pdf>.
- [Abi91] Policy Committee and information networks, 1947–1963. *Historical Studies in the Physical and Biological Sciences*, 28(2): 209–252, 1998. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Abi00] Seiya Abiko. Einstein’s Kyoto address: ‘how I created the Theory of Relativity’. *Historical Studies in the Physical and Biological Sciences*, 31(1):1–35, 2000. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Abi03] Seiya Abiko. On Einstein’s distrust of the electromagnetic theory: The origin of the light-velocity postulate. *Historical Studies in the Physical and Biological Sciences*, 33(2):193–215, March 2003. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). See comments [Dar04] and reply [Abi04].
- [Abi04] Seiya Abiko. Reply to Olivier Darrigol. *Historical Studies in the Physical and Biological Sciences*, 35(1):157–160, September 2004. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). See [Abi03, Dar04].
- Abiko:1991:CTO**
- Seiya Abiko. On the chemico-thermal origins of Special Relativity. *Historical Studies in the Physical and Biological Sciences*, 22(1):1–24, 1991. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757671>.
- Abiko:2000:EKA**
- Seiya Abiko. Einstein’s Kyoto address: ‘how I created the Theory of Relativity’. *Historical Studies in the Physical and Biological Sciences*, 31(1):1–35, 2000. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- Abiko:2003:EDE**
- Seiya Abiko. On Einstein’s distrust of the electromagnetic theory: The origin of the light-velocity postulate. *Historical Studies in the Physical and Biological Sciences*, 33(2):193–215, March 2003. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). See comments [Dar04] and reply [Abi04].
- Abiko:2004:ROD**
- Seiya Abiko. Reply to Olivier Darrigol. *Historical Studies in the Physical and Biological Sciences*, 35(1):157–160, September 2004. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). See [Abi03, Dar04].
- Armstrong:2023:TSA**
- Eleanor S. Armstrong and Jordan Bimm. The trouble with space auctions. *Historical Studies in the Natural Sciences*, 53(4):425–??, September 2023. CODEN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/53/4/425/197390/The-Trouble-with-Space-Auctions>.
- Abbate:2013:BRK**
- Janet Abbate. Book reviews: Killer apps and technomyths: *Divining a Digital Future: Mess and Mythology in Ubiquitous Computing Histories of Computing Cybernetic Revolutionaries: Technology and Politics in Allende’s Chile Biomedical Computing: Digitizing Life in the United States Simulation and Its Discontents*. *Historical Studies in the Natural Sciences*, 43(1):105–112, February 2013. CODEN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2013.43.1.105.pdf>.

- [ABO10] Elena Aronova, Karen S. Baker, and Naomi Oreskes. Big science and big data in biology: From the International Geophysical Year through the International Biological Program to the Long Term Ecological Research (LTER) Network, 1957–present. *Historical Studies in the Natural Sciences*, 40(2):183–224, May 2010. CODEN **Aronova:2010:BSB** ISSN 1939-1811 (print), 1939-182X (electronic).
- [Aga69] Joseph Agassi. Sir John Herschel’s philosophy of success. *Historical Studies in the Physical Sciences*, 1(??):1–36, ??? 1969. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757293>. **Agassi:1969:SJH**
- [Ahe03] Joseph-James Ahern. ‘we had the hose turned on us!’: Ross Gunn and the Naval Research Laboratory’s early research into nuclear propulsion, 1939–1946. *Historical Studies in the Physical and Biological Sciences*, 33(2):217–236, March 2003. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). **Ahern:2003:WHT**
- [Abr20] Ellen Abrams. “Indebted to no one”: Grounding and gendering the self-made mathematician. *Historical Studies in the Natural Sciences*, 50(3):217–247, June 2020. CODEN **Abrams:2020:INO** ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/50/3/217/110324/Indebted-to-No-One-Grounding-and-Gendering-the>.
- [Ahn22] Eun-Joo Ahn. Finding the invisible workers in astronomy: The case of Mount Wilson Observatory, 1900–1930. *Historical Studies in the Natural Sciences*, 52(5):555–??, November 2022. CODEN **Ahn:2022:FIW** ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/52/5/555/194655/Finding-the-Invisible-Workers-in-AstronomyThe-Case>.
- [Ada06] Michael Adas. *Dominance by design: technological imperatives and America’s civilizing mission*. Belknap Press of Harvard University Press, Cambridge, MA, USA; London, UK, 2006. ISBN 0-674-01867-2, 0-674-03216-0. 542 pp. LCCN E744 .A243 2006eb. URL <http://site.ebrary.com/id/10312789>. **Adas:2006:DDT**
- [Ake07] Atsushi Akera. *Calculating a natural world: scientists, engineers, and computers during*

- the rise of U.S. Cold War research*. Inside technology. MIT Press, Cambridge, MA, USA, 2007. ISBN 0-262-01231-6. ix + 427 pp. LCCN QA76.17 .A42 2007.
- [AL20] Warwick Anderson and M. Susan Lindee. Pacific biologies: How humans become genetic. *Historical Studies in the Natural Sciences*, 50(5):483–??, November 2020. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/50/5/483/114252/Pacific-Biologies-How-Humans-Become-Genetic>.
- [Ala23] Eram Alam. Citing the unsaid. *Historical Studies in the Natural Sciences*, 53(1):73–??, February 2023. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/53/1/73/195535/Citing-the-Unsaid>.
- [All01] Garland E. Allen. The biological basis of crime: an historical and methodological study. *Historical Studies in the Physical and Biological Sciences*, 31(2):183–222, March 2001. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Alm11] Rene Almeling. *Sex cells: the medical market for eggs and sperm*. University of California Press, Berkeley, CA, USA, 2011. ISBN 0-520-27095-9 (hardcover), 0-520-27096-7 (paperback). x + 228 pp. LCCN HQ761 .A46 2011eb.
- [AM64] Arturo Alcalde-Mongrut. Mariano de Rivero, pioneer of mining education in South America. *Chymia: Annual Studies in the History of Chemistry*, 9(??):77–95, ???? 1964. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757234>.
- [Ame22] Fiona Amery. Capturing the Northern Lights: Standardizing the practice of auroral photography during the Second International Polar Year, 1932–1933. *Historical Studies in the Natural Sciences*, 52(2):147–??, April 2022. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/>

52/2/147/144555/Capturing-the-Northern-LightsStandardizing-the.

**Amsterdamska:1993:PDR**

[Ams93]

Olga Amsterdamska. From pneumonia to DNA: The research career of Oswald T. Avery. *Historical Studies in the Physical and Biological Sciences*, 24(1):1–40, 1993. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL [http://profiles.nlm.nih.gov/CC/A/A/P/S/\\_/ccaaps.pdf](http://profiles.nlm.nih.gov/CC/A/A/P/S/_/ccaaps.pdf).

**Anderson:2009:BRE**

[And09]

Nancy Anderson. Book reviews: Eye and Image: Looking at a Visual Studies of Science: Lorraine Daston and Peter Galison. *Objectivity*. Cambridge, MA: MIT Press, 2007. 500 pp., 140 illus., 32 color, index. ISBN 978-1-890951-78-8. \$38.95 (cloth). Jutta Schickore. *The Microscope and the Eye: A History of Reflections, 1740–1870*. Chicago: University of Chicago Press, 2007. 320 pp., 16 halftones, index. ISBN 978-0-226737-84-3. \$40 (cloth). *Historical Studies in the Natural Sciences*, 39(1):115–125, February 2009. CODEN 1939-1811 (print), 1939-182X (electronic).

**Anderson:2020:RTA**

[And20]

Warwick Anderson. From racial types to Aboriginal Clines: The illustrative career of Joseph B.

Birdsell. *Historical Studies in the Natural Sciences*, 50(5):498–??, November 2020. CODEN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/50/5/498/114251/From-Racial-Types-to-Aboriginal-ClinesThe>.

**Anker:2010:BEH**

[Ank10]

Peder Anker. *From Bauhaus to ecohouse: a history of ecological design*. Louisiana State University Press, Baton Rouge, LA, USA, 2010. ISBN 0-8071-3551-8 (hardcover). viii + 188 pp. LCCN NA2542.35 .A54 2010.

**Anonymous:1986:FM**

[Ano86a]

Anonymous. Front matter. *Historical Studies in the Physical and Biological Sciences*, 17(1):??, 1986. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757573>.

**Anonymous:1986:SB**

[Ano86b]

Anonymous. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 16(1):189–195, 1986. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757562>.

**Anonymous:2005:C**

[Ano05a]

Anonymous. Cover. *Historical Studies in the Physical and Biological Sciences*, 36

(1):C1, September 2005. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Anonymous:2005:FM**

[Ano05b] Anonymous. Front matter. *Historical Studies in the Physical and Biological Sciences*, 36(1):ii–v, September 2005. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Anonymous:2005:NPE**

[Ano05c] Anonymous. Neutron physics in the early 1930s. *Historical Studies in the Physical and Biological Sciences*, 36(1):207, September 2005. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Anonymous:2005:TC**

[Ano05d] Anonymous. Table of contents. *Historical Studies in the Physical and Biological Sciences*, 36(1):i, September 2005. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Anonymous:2006:C**

[Ano06a] Anonymous. Cover. *Historical Studies in the Physical and Biological Sciences*, 36(2):C1, March 2006. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Anonymous:2006:FMa**

[Ano06b] Anonymous. Front matter. *Historical Studies in the Physi-*

*cal and Biological Sciences*, 36(2):C2, March 2006. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Anonymous:2006:F Mb**

[Ano06c] Anonymous. Front matter. *Historical Studies in the Physical and Biological Sciences*, 37(1):ii–iv, September 2006. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Anonymous:2006:TCa**

[Ano06d] Anonymous. Table of contents. *Historical Studies in the Physical and Biological Sciences*, 36(2):i, March 2006. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Anonymous:2006:TCb**

[Ano06e] Anonymous. Table of Contents. *Historical Studies in the Physical and Biological Sciences*, 37(1):i, September 2006. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Anonymous:2007:Ca**

[Ano07a] Anonymous. Cover. *Historical Studies in the Physical and Biological Sciences*, 37(2):C1–C4, March 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Anonymous:2007:Cb**

[Ano07b] Anonymous. Cover. *Historical Studies in the Physical and Biological Sciences*, 37(S1): C1, September 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsp.2007.37.S.cover.pdf>.

**Anonymous:2007:F**

[Ano07c] Anonymous. Foreword. *Historical Studies in the Physical and Biological Sciences*, 37(S1): 1, September 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsp.2007.37.S.1.pdf>.

**Anonymous:2007:FM**

[Ano07d] Anonymous. Front matter. *Historical Studies in the Physical and Biological Sciences*, 37(S1): C2-ii, September 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsp.2007.37.S.fm.pdf>.

**Anonymous:2007:TCa**

[Ano07e] Anonymous. Table of contents. *Historical Studies in the Physical and Biological Sciences*, 37(2):1-5, March 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Anonymous:2007:TCb**

[Ano07f] Anonymous. Table of contents. *Historical Studies in the Physical and Biological Sciences*, 37(S1):i, September 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsp.2007.37.S.toc.pdf>.

**Anonymous:2008:Ca**

[Ano08a] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 38(1):C1-C4, February 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

**Anonymous:2008:Cb**

[Ano08b] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 38(2):C1-C4, May 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

**Anonymous:2008:Cc**

[Ano08c] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 38(3):C1-C4, August 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

**Anonymous:2008:Cd**

[Ano08d] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 38(4):C1-C4, November 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

- [Ano08e] **Anonymous:2008:FMa**  
 Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 38(1):C2–ii, February 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Ano08f] **Anonymous:2008:FMB**  
 Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 38(2):C2–ii, May 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Ano08g] **Anonymous:2008:FMc**  
 Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 38(3):C2–ii, August 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Ano08h] **Anonymous:2008:FMD**  
 Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 38(4):C2–ii, November 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Ano08i] **Anonymous:2008:RLJ**  
 Anonymous. On re-launching a journal. *Historical Studies in the Natural Sciences*, 38(1):1–3, February 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Ano08j] **Anonymous:2008:TCa**  
 Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 38(1):i, February 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Ano08k] **Anonymous:2008:TCb**  
 Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 38(2):i, May 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Ano08l] **Anonymous:2008:TCc**  
 Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 38(3):i, August 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Ano08m] **Anonymous:2008:TCd**  
 Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 38(4):i, November 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Ano09a] **Anonymous:2009:Ca**  
 Anonymous. Cover. *Historical Studies in the Natural Sciences*, 39(1):C1–C4, February 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Ano09b] **Anonymous:2009:Cb**  
 Anonymous. Cover. *Historical Studies in the Natural Sciences*, 39(2):C1–C4, May 2009.



- CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). [Ano09h]
- [Ano09c] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 39(3):C1–C4, August 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Ano09d] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 39(4):C1–C4, November 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Ano09e] Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 39(1):C2–ii, February 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Ano09f] Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 39(2):C2–ii, May 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Ano09g] Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 39(3):C2–ii, August 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). [Ano09m]
- [Ano09i] Anonymous. Journals under threat: a joint response from HSTM Editors. *Historical Studies in the Natural Sciences*, 39(1):126–128, February 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Ano09j] Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 39(1):i, February 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Ano09k] Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 39(2):i, May 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Ano09l] Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 39(3):i, August 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Ano09m] Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 39(4):C2–ii, November 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

- ral Sciences*, 39(4):i, November 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Ano10a] **Anonymous:2010:Ca** [Ano10f] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 40(1):C1–C4, February 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Ano10b] **Anonymous:2010:Cb** [Ano10g] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 40(2):C1–C4, May 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Ano10c] **Anonymous:2010:Cc** [Ano10h] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 40(3):C1–C4, August 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2010.40.4.fm>.
- [Ano10d] **Anonymous:2010:Cd** [Ano10i] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 40(4):C1–C4, Fall 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2010.40.4.cover>.
- [Ano10e] **Anonymous:2010:FMa** [Ano10j] Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 40(1):C2–ii, February 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- Anonymous:2010:FMb** Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 40(2):C2–ii, May 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- Anonymous:2010:FMc** Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 40(3):C2–ii, August 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- Anonymous:2010:FMF** Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 40(4):C2–ii, Fall 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2010.40.4.fm>.
- Anonymous:2010:TCa** Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 40(1):i, February 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- Anonymous:2010:TCb** Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 40(2):i, May 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

- [Ano10k] **Anonymous:2010:TCc**  
Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 40(3):i, August 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Ano10l] **Anonymous:2010:TCT**  
Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 40(4):i, Fall 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2010.40.4.toc>.
- [Ano11a] **Anonymous:2011:Ca**  
Anonymous. Cover. *Historical Studies in the Natural Sciences*, 41(1):C1–C4, Winter 2011. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2011.41.1.cover>.
- [Ano11b] **Anonymous:2011:Cb**  
Anonymous. Cover. *Historical Studies in the Natural Sciences*, 41(2):C1–C4, Spring 2011. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2011.41.2.cover>.
- [Ano11c] **Anonymous:2011:FMa**  
Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 41(1):C2–ii, Winter 2011. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2011.41.1.fm>.
- [Ano11d] **Anonymous:2011:FMb**  
Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 41(2):c2–ii, Spring 2011. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2011.41.2.fm>.
- [Ano11e] **Anonymous:2011:TCa**  
Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 41(1):i, Winter 2011. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2011.41.1.toc>.
- [Ano11f] **Anonymous:2011:TCb**  
Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 41(2):i, Spring 2011. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2011.41.2.toc>.
- [Ano12a] **Anonymous:2012:BMa**  
Anonymous. Back matter. *Historical Studies in the Natural Sciences*, 42(4):??, September 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.4.BM.pdf>.

**Anonymous:2012:BMb**

[Ano12b] Anonymous. Back matter. *Historical Studies in the Natural Sciences*, 42(5):??, November 2012. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.BM.pdf>.

**Anonymous:2012:Ca**

[Ano12c] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 42(2):??, April 2012. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.2.COVER.pdf>.

**Anonymous:2012:Cb**

[Ano12d] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 42(3):??, June 2012. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.3.COVER.pdf>.

**Anonymous:2012:Cc**

[Ano12e] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 42(4):??, September 2012. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.4.COVER.pdf>.

**Anonymous:2012:Cd**

[Ano12f] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 42(5):??, November 2012. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.COVER.pdf>.

**Anonymous:2012:FMa**

[Ano12g] Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 42(2):??, April 2012. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.2.FM.pdf>.

**Anonymous:2012:F Mb**

[Ano12h] Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 42(3):??, June 2012. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.3.FM.pdf>.

**Anonymous:2012:F Mc**

[Ano12i] Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 42(4):??, September 2012. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.4.FM.pdf>.

**Anonymous:2012:FMd**

[Ano12j] Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 42(5):??, November 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.FM.pdf>.

**Anonymous:2012:TCa**

[Ano12k] Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 42(2):??, April 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.2.TOC.pdf>.

**Anonymous:2012:TCb**

[Ano12l] Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 42(3):??, June 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.3.TOC.pdf>.

**Anonymous:2012:TCc**

[Ano12m] Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 42(4):??, September 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.4.TOC.pdf>.

**Anonymous:2012:TCd**

[Ano12n] Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 42(5):??, November 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.TOC.pdf>.

**Anonymous:2013:Ca**

[Ano13a] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 43(1):??, February 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2013.43.1.cover.pdf>.

**Anonymous:2013:C Ib**

[Ano13b] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 43(2):??, April 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2013.43.2.cover.pdf>.

**Anonymous:2013:C Ic**

[Ano13c] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 43(3):c1–c2, June 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2013.43.3.cover.pdf>.

**Anonymous:2013:Cb**

[Ano13d] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 43(4):c1–c2, September 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2013.43.4.cover>.

**Anonymous:2013:Cc**

[Ano13e] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 43(5):c1–c2, November 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2013.43.5.cover>.

**Anonymous:2013:FMA**

[Ano13f] Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 43(1):??, February 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2013.43.1.fm.pdf>.

**Anonymous:2013:FMIb**

[Ano13g] Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 43(2):??, April 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2013.43.2.fm.pdf>.

**Anonymous:2013:FMIc**

[Ano13h] Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 43(3):i–ii, June 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2013.43.3.fm.pdf>.

**Anonymous:2013:FMB**

[Ano13i] Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 43(4):i–ii, September 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2013.43.4.fm>.

**Anonymous:2013:FMc**

[Ano13j] Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 43(5):i–ii, November 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2013.43.5.fm>.

**Anonymous:2013:TCa**

[Ano13k] Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 43(1):??, February 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2013.43.1.toc.pdf>.

- [Ano13l] **Anonymous:2013:TCb**  
 Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 43(2):??, April 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2013.43.2.toc.pdf>.
- [Ano13m] **Anonymous:2013:TCc**  
 Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 43(3):iii, June 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2013.43.3.toc.pdf>.
- [Ano13n] **Anonymous:2013:TCd**  
 Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 43(4):iii, September 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2013.43.4.toc>.
- [Ano13o] **Anonymous:2013:TCe**  
 Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 43(5):iii, November 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2013.43.5.toc>.
- [Ano14a] **Anonymous:2014:Ca**  
 Anonymous. Cover. *Historical Studies in the Natural Sciences*, 44(1):c1–c2, February 2014. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2014.44.1.cover>.
- [Ano14b] **Anonymous:2014:Cb**  
 Anonymous. Cover. *Historical Studies in the Natural Sciences*, 44(2):c1–c2, April 2014. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2014.44.2.cover>.
- [Ano14c] **Anonymous:2014:Cc**  
 Anonymous. Cover. *Historical Studies in the Natural Sciences*, 44(3):c1–c2, June 2014. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2014.44.3.cover>.
- [Ano14d] **Anonymous:2014:CI**  
 Anonymous. Cover. *Historical Studies in the Natural Sciences*, 44(4):c1–c2, September 2014. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2014.44.4.cover>.
- [Ano14e] **Anonymous:2014:FMa**  
 Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 44(1):i–iii, February 2014. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

- (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2014.44.1.fm>.
- [Ano14f] **Anonymous:2014:FMb**  
Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 44(2):i–iii, April 2014. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2014.44.2.fm>.
- [Ano14g] **Anonymous:2014:FMc**  
Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 44(3):i–iii, June 2014. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2014.44.3.fm>.
- [Ano14h] **Anonymous:2014:FMd**  
Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 44(4):i–ii, September 2014. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2014.44.4.fm>.
- [Ano14i] **Anonymous:2014:TCa**  
Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 44(1):ii, February 2014. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2014.44.1.toc>.
- [Ano14j] **Anonymous:2014:TCb**  
Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 44(2):ii, April 2014. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2014.44.2.toc>.
- [Ano14k] **Anonymous:2014:TCc**  
Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 44(3):ii, June 2014. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2014.44.3.toc>.
- [Ano14l] **Anonymous:2014:TCd**  
Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 44(4):iii, September 2014. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2014.44.4.toc>.
- [Ano15a] **Anonymous:2015:Ca**  
Anonymous. Cover. *Historical Studies in the Natural Sciences*, 45(1):c1–c2, February 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2015.45.1.cover>.
- [Ano15b] **Anonymous:2015:Cb**  
Anonymous. Cover. *Historical Studies in the Natural Sciences*, 45(2):c1–c2, April 2015.



- CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2015.45.2.cover>.
- [Ano15c] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 45(3):c1–c2, June 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2015.45.3.cover>.
- [Ano15d] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 45(4):C1–C2, September 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2015.45.4.cover>.
- [Ano15e] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 45(5):C1–C2, November 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2015.45.5.cover>.
- [Ano15f] Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 45(1):i–ii, February 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2015.45.1.fm>.
- [Ano15g] Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 45(2):i–ii, April 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2015.45.2.fm>.
- [Ano15h] Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 45(3):i–iii, June 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2015.45.3.fm>.
- [Ano15i] Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 45(4):i–iii, September 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2015.45.4.fm>.
- [Ano15j] Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 45(5):i–iii, November 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2015.45.5.fm>.

- [Ano15k] **Anonymous:2015:TCa**  
 Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 45(1):iii, February 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2015.45.1.toc>. [Ano17]
- [Ano15l] **Anonymous:2015:TCb**  
 Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 45(2):iii, April 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2015.45.2.toc>. [Arb19]
- [Ano15m] **Anonymous:2015:TCc**  
 Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 45(3):ii, June 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2015.45.3.toc>. [Arm48]
- [Ano15n] **Anonymous:2015:TCd**  
 Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 45(4):ii, September 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2015.45.4.toc>. [Aro17]
- [Ano15o] **Anonymous:2015:TCe**  
 Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 45(5):ii, November 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2015.45.5.toc>. [Ano17]
- Anonymous:2017:MJN**  
 Anonymous. Mary Jo Nye publications (1972–2016). *Historical Studies in the Natural Sciences*, 47(3):450–457, June 2017. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- Arbel:2019:FHM**  
 Tal Arbel. Fear in Hebrew: Militarized behaviorism and the cultural politics of science in translation. *Historical Studies in the Natural Sciences*, 49(5):471–503, November 2019. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- Armstrong:1948:F**  
 Eva V. Armstrong. Foreword. *Chymia: Annual Studies in the History of Chemistry*, 1(??):ii, ix–xiv, ???? 1948. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757109>.
- Aronova:2017:RTH**  
 Elena Aronova. Recent trends in the historiography of science in the Cold War. *Historical Studies in the Natural Sciences*, 47(4):568–577, September 2017. ISSN 1939-1811 (print), 1939-182X (electronic).

**Ash:2010:EPK**

- [Ash10] Eric H. Ash, editor. *Expertise: practical knowledge and the early modern state*, volume 25 (second series) of *Osiris, 0369-7827*. University of Chicago Press, Chicago, IL, USA, 2010. ISBN 0-226-02939-5 (paperback). 259 pp. LCCN Q125 .E89 2010. URL <http://www.journals.uchicago.edu/loi/osiris/>.

**Aspden:1980:PUH**

- [Asp80] Harold Aspden. *Physics unified*. Sabberton Publications, Southampton, UK, 1980. ISBN 0-85056-009-8 (hardcover), 0-85056-010-1 (paperback). xiii + 206 pp. LCCN QC173.7 .A85.

**Assmus:1992:AMP**

- [Ass92a] Alexi Assmus. The Americanization of molecular physics. *Historical Studies in the Physical and Biological Sciences*, 23(1):1–34, 1992. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757691>.

**Assmus:1992:MTE**

- [Ass92b] Alexi Assmus. The molecular tradition in early quantum theory. *Historical Studies in the Physical and Biological Sciences*, 22(2):209–231, 1992. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757681>.

**Aubin:2020:CMB**

- [Aub20] David Aubin. Congress mania in Brussels, 1846–1856: Soft power, transnational experts, and diplomatic practices. *Historical Studies in the Natural Sciences*, 50(4):340–??, September 2020. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/50/4/340/111893/Congress-Mania-in-Brussels-1846-1856Soft-Power>.

**Augustine:2007:RPE**

- [Aug07] Dolores L. Augustine. *Red Prometheus: engineering and dictatorship in East Germany, 1945–1990*. Transformations. MIT Press, Cambridge, MA, USA, 2007. ISBN 0-262-01236-7 (hardcover). xxx + 381 + 4 pp. LCCN TA73.1 .A94 2007. URL <http://www.loc.gov/catdir/toc/ecip078/2007000656.html>.

**Achbari:2016:DSG**

- [AvL16] A. Achbari and F. van Lunteren. Dutch skies, global laws: The British creation of “Buys Ballot’s Law”. *Historical Studies in the Natural Sciences*, 46(1):1–43, February 2016. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic).

**Ayres:2012:SEL**

- [Ayr12] P. G. (Peter G.) Ayres. *Shaping ecology: the life of Arthur Tansley*. Wiley-Blackwell, Chich-

ester, West Sussex, UK, 2012. ISBN 0-470-67156-4 (hardcover), 0-470-67154-8 (paperback). xii + 213 pp. LCCN QH31.T37 A87 2012.

**Bacon:1965:PAC**

- [Bac65] Egbert K. Bacon. A precursor of the American Chemical Society — Chandler and the Society of Union College. *Chymia: Annual Studies in the History of Chemistry*, 10(??): 183–197, ??? 1965. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757250>.

**Badino:2018:YIS**

- [Bad18] Massimiliano Badino. And yet it stands: The stability of the solar system in Eighteenth-Century physical astronomy. *Historical Studies in the Natural Sciences*, 48(2):123–179, April 2018. CODEN ??? ISSN 1939-1811 (print), 1939-182X (electronic).

**Baker:1964:HI**

- [Bak64] A. Albert Baker, Jr. A history of indicators. *Chymia: Annual Studies in the History of Chemistry*, 9(??):147–167, ??? 1964. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757238>.

**Baldwin:2015:BRA**

- [Bal15] Melinda Baldwin. Book reviews: Adelene Buckland. *Novel Science: Fiction and the Invention of Nineteenth-Century Geology*.

Chicago: University of Chicago Press, 2013. 400 pp., illus., index. ISBN 978-0-22-607968-4. \$45 (hardcover). Aileen Fyfe. *Steam-Powered*

*Knowledge: William Chambers and the Business of Publishing, 1820–1860*. Chicago: University of Chicago Press, 2012. xvi + 336 pp., illus., index. ISBN 978-0-22-627651-9. \$55 (hardcover). Anna Henschman. *The Starry Sky Within: Astronomy and the Reach of the Mind in Victorian Literature*. Oxford: Oxford University Press, 2014. xvi + 320 pp., illus., index. ISBN 978-0-19-968696-4. \$85 (hardcover). James Secord. *Visions of Science: Books and Readers at the Dawn of the Victorian Age*. Chicago: University of Chicago Press, 2014. xiii + 256 pp., illus., index. ISBN 978-0-22-620328-7. \$30 (hardcover). *Historical Studies in the Natural Sciences*, 45(4):610–620, September 2015. CODEN ??? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2015.45.4.610>.

**Barrow:2009:NGC**

- [Bar09] Mark V. Barrow. *Nature's ghosts: confronting extinction from the age of Jefferson to the age of ecology*. University of Chicago Press, Chicago, IL, USA, 2009. ISBN 0-226-03815-7 (e-book), 0-226-03814-9. xi + 497 pp. LCCN QL84.2 .B377 2009.

- [Bar15] **Barahona:2015:MGM**  
 Ana Barahona. Medical genetics in Mexico: The origins of cytogenetics and the health care system. *Historical Studies in the Natural Sciences*, 45(1):147–173, February 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2015.45.1.147>.
- [Bar16] **Barany:2016:FTT**  
 Michael J. Barany. Fellow travelers and traveling fellows: The intercontinental shaping of modern mathematics in mid-twentieth century Latin America. *Historical Studies in the Natural Sciences*, 46(5):669–709, November 2016. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Bar18] **Barany:2018:IPW**  
 Michael J. Barany. Integration by parts: Wordplay, abuses of language, and modern mathematical theory on the move. *Historical Studies in the Natural Sciences*, 48(3):259–299, June 2018. ISSN 1939-1811 (print), 1939-182X (electronic).
- [Bar24] **Barany:2024:KIH**  
 Michael J. Barany. A kaleidoscopic introduction to the history of science. *Historical Studies in the Natural Sciences*, 54(1):86–??, February 2024. CODEN ???? ISSN 1939-1811 (print), 1939-182X (elec-
- [Bau21] **Bauchner:2021:FWE**  
 Joshua Bauchner. Fechner on a walk: Everyday investigations of the mind–body relationship. *Historical Studies in the Natural Sciences*, 51(1):1–??, February 2021. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/51/1/1/116282/Fechner-on-a-WalkEveryday-Investigations-of-the>.
- [Bay24] **Bayoumi:2024:WPE**  
 Soha Bayoumi. What place for emotions in the history of science and medicine classroom? *Historical Studies in the Natural Sciences*, 54(1):89–??, February 2024. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/54/1/89/200203/What-Place-for-Emotions-in-the-History-of-Science>.
- [BC91] **Brown:1991:SBS**  
 Laurie M. Brown and Tian Yu Cao. Spontaneous breakdown of symmetry: Its rediscovery and integration into quantum field theory. *Historical Studies in the Physical and Biological Sciences*, 21(2):211–235, ????
- tronic). URL <https://online.ucpress.edu/hsns/article/54/1/86/200192/A-Kaleidoscopic-Introduction-to-the-History-of>.

1991. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757663>. [Bel11]
- [BE69] S. G. Brush and C. W. F. Everitt. Maxwell, Osborne Reynolds, and the radiometer. *Historical Studies in the Physical Sciences*, 1(?): 105–125, 1969. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757296>.
- [Bec80] Harvey W. Becher. William Whewell and Cambridge mathematics. *Historical Studies in the Physical Sciences*, 11(1):1–48, 1980. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757470>.
- [Bec23] Pieter T. L. Beck. Strong foundations: Petrus van Musschenbroek’s experimental research on the strength of materials. *Historical Studies in the Natural Sciences*, 53(2):109–??, April 2023. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/53/2/109/196001/Strong-FoundationsPetrus-van-Musschenbroek-s>.
- [Bel18] Richard Bellon. Emotional comfort and theoretical necessity: Sex and gender in the age of Darwin. *Historical Studies in the Natural Sciences*, 48(2):246–257, April 2018. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Ben01] Keith R. Benson. Summer camp, seaside station, and marine laboratory: Marine biology and its institutional identity. *Historical Studies in the Physical and Biological Sciences*, 32(1):11–18, September 2001. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Ben12] Etienne Benson. Endangered science: The regulation of research by the U.S. Marine Mammal Protection and Endangered Species Acts. *Historical Studies in the Natural Sciences*, 42

**Belhoste:2011:PSP**

Bruno Belhoste. *Paris savant: parcours et rencontres au temps des lumières. (French) [Paris learned: pathways and meetings at the time of the Enlightenment]*. Colin, Paris, France, 2011. ISBN 2-200-25563-2. 310 pp. LCCN Q127.F8 B44 2011. URL <http://www.loc.gov/catdir/toc/fy12pdf03/2012428139.html>.

**Bellon:2018:ECT****Benson:2001:SCS****Benson:2012:ESR**

- (1):30–61, February 2012. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2012.42.1.30>.
- [Ber82] **Bernstein:1982:MJR**  
Barton J. Bernstein. In the matter of J. Robert Oppenheimer. *Historical Studies in the Physical Sciences*, 12(2):195–252, 1982. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757496>.
- [Ber88] **Bernstein:1988:FPB**  
Barton J. Bernstein. Four physicists and the bomb: The early years, 1945–1950. *Historical Studies in the Physical and Biological Sciences*, 18(2):231–263, 1988. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757603>.
- [Ber19] **Bertozzi:2019:ECR**  
Eugenio Bertozzi. Establishing and consolidating a research field: The biography of the Wilson cloud chamber in the history of particle physics. *Historical Studies in the Natural Sciences*, 49(2):117–150, April 2019. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Bey00] **Beyer:2000:SB**  
Kurt Beyer. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 31(1):175–??, 2000. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Bey01] **Beyer:2001:SB**  
Kurt W. Beyer. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 31(2):381–387, March 2001. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Bey02] **Beyer:2002:SB**  
Kurt Beyer. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 32(2):409–416, March 2002. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Bey11] **Beyler:2011:TWS**  
Richard H. Beyler. Three ways to spend some time in the historiographical metropolis. *Historical Studies in the Natural Sciences*, 41(3):354–364, Summer 2011. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2011.41.3.354>.
- [BG10] **BernalVillegas:2010:IRR**  
J. E. (Jaime E.) Bernal Villegas and Alberto Gómez Gutiérrez. *A impulsos de una rara resolución: el viaje de José Celestino Mutis al Nuevo Reino de Granada, 1760–1763*. Pontificia

- Universidad Javeriana, Bogotá, Colombia, 2010. ISBN 958-716-326-5. 352 pp. LCCN F2261 .B47 2010. [BH08]
- Byrne:2013:DGB**
- [BG13] Eugene Byrne and Simon Gurr. *Darwin: a graphic biography: the really exciting and dramatic story of a man who mostly stayed at home and wrote some books*. Smithsonian Books, Washington, DC, 2013. ISBN 1-58834-352-9 (paperback). 96 pp. LCCN QH31.D2 B97 2013. [Bia12]
- BernalVillegas:2008:MCM**
- [BGC08] J. E. (Jaime E.) Bernal Villegas, Alberto Gómez Gutiérrez, and José Celestino. *Medicina científica mutisiana: estudio elaborado a partir de un documento médico inédito de José Celestino Mutis y Bosio, escrito en Madrid en 1759 y conservado hoy en el Archivo Histórico Javeriano de Bogotá*. Editorial Pontificia Universidad Javeriana, Bogotá, Colombia, 2008. ISBN 958-716-135-1. 144 pp. LCCN QP21 .B45 2008. [Bia22]
- Brooke:2007:RMC**
- [BH07] John Hedley Brooke and Peter Harman. Russell McCormach as a colleague. *Historical Studies in the Physical and Biological Sciences*, 37(2): 475–478, March 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- Bodnarczuk:2008:MPP**
- Mark Bodnarczuk and Lillian Hoddeson. Megascience in particle physics: The birth of an experiment string at Fermilab. *Historical Studies in the Natural Sciences*, 38(4):508–534, November 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- Biagioli:2012:PIK**
- Mario Biagioli. Productive illusions: Kuhn’s structure as a recruitment tool. *Historical Studies in the Natural Sciences*, 42(5):479–484, November 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.479.pdf>.
- Bian:2022:SRE**
- He Bian. Science and really existing socialism in Maoist China: a review of recent works. *Historical Studies in the Natural Sciences*, 52(2):265–??, April 2022. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/52/2/265/144552/Science-and-Really-Existing-Socialism-in-Maoist>.
- Bimm:2021:AMA**
- [Bim21] Jordan Bimm. Andean man & the astronaut: Race and the 1958 Mount Evans Acclimatization Experiment. *Historical Studies in the Natural Sci-*



- ences, 51(3):285-??, June 2021. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/51/3/285/117359/Andean-Man-amp-the-AstronautRace-and-the-1958>.
- [BJ10] Jed Z. Buchwald and Diane Greco Josefowicz. *The zodiac of Paris: how an improbable controversy over an ancient Egyptian artifact provoked a modern debate between religion and science*. Princeton University Press, Princeton, NJ, USA, 2010. ISBN 0-691-14576-8. vi + 428 + 8 pp. LCCN Q127.E8 B83 2010.
- [BK21] Alexandre Bagdonas and Alexei Kojevnikov. Funny origins of the Big Bang Theory. *Historical Studies in the Natural Sciences*, 51(1):87-??, February 2021. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/51/1/87/116291/Funny-Origins-of-the-Big-Bang-Theory>.
- [Ble12] Daniela Bleichmar. *Visible empire: botanical expeditions and visual culture in the Hispanic Enlightenment*. University of Chicago Press, Chicago, IL, USA, 2012. ISBN 0-226-05853-0 (hardcover). xii + 286 pp. LCCN QK21.S7 B54 2012.
- [BO06] Antonio Barrera-Osorio. *Experiencing nature: the Spanish American empire and the early scientific revolution*. University of Texas Press, Austin, TX, USA, 2006. ISBN 0-292-70981-1. xi + 211 pp. LCCN Q127.L38 B37 2006. URL <http://www.loc.gov/catdir/enhancements/fy0622/2005011166-d.html>; <http://www.loc.gov/catdir/toc/ecip0512/2005011166.html>.
- [Bol22] Brad Bolman. In the animal house: Rabies, labor, and salvage dogs in Jim Crow Birmingham. *Historical Studies in the Natural Sciences*, 52(5):589-??, November 2022. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/52/5/589/194656/In-the-Animal-HouseRabies-Labor-and-Salvage-Dogs>.
- [Bor10] Mark E. Borrello. *Evolutionary restraints: the contentious history of group selection*. University of Chicago Press, Chicago, IL, USA, 2010. ISBN 0-226-06701-7 (hardcover). xi + 215 pp. LCCN QH376 .B67 2010.

- Borg:2023:DMA**
- [Bor23] George Borg. Discoverer and methodologist: Alfred O. C. Nier and the Mid-Twentieth-Century instrumental revolution in geochemistry. *Historical Studies in the Natural Sciences*, 53(5):445–??, November 2023. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/53/5/445/198193/>  
Discoverer-and-MethodologistAlfred-0-C-Nier-and.
- Bouk:2012:BRT**
- [Bou12] Dan Bouk. Book review: Tocqueville’s ghost: *Alexander Dallas Bache: Building the American Nation through Science and Education in the Nineteenth Century*, by Axel Jansen; *A Democracy of Facts: Natural History in the Early Republic*, by Andrew J. Lewis; *Scientists and Swindlers: Consulting on Coal and Oil in America, 1820–1890*, by Paul Lucier. *Historical Studies in the Natural Sciences*, 42(4):329–339, September 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2012.42.4.329>.
- Bouk:2018:NDC**
- [Bou18] Dan Bouk. The national data center and the rise of the data double. *Historical Studies in the Natural Sciences*, 48(5):627–
- 636, November 2018. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- Bowler:2009:SAP**
- [Bow09] Peter J. Bowler. *Science for all: the popularization of science in early twentieth-century Britain*. University of Chicago Press, Chicago, IL, USA, 2009. ISBN 0-226-06866-8 (e-book), 0-226-06863-3 (hardcover). x + 339 pp. LCCN Q225.2.G7 B69 2009. URL <http://proxy2.hec.ca/login?url=http://site.ebrary.com/lib/hecm/Doc?id=10354019>.
- Brown:1994:FTN**
- [BR94] Laurie M. Brown and Helmut Rechenberg. Field theories of nuclear forces in the 1930s: The Fermi-Field theory. *Historical Studies in the Physical and Biological Sciences*, 25(1):1–24, ???? 1994. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- Brain:2015:BRD**
- [Bra15] Stephen Brain. Book reviews: Dark green: The gloomy side of environmentalism: Peder Anker. *From Bauhaus to Eco-House: A History of Ecological Design*. Baton Rouge: Louisiana State University Press, 2010. viii + 188 pp., illus., index. ISBN 978-0-8071-3551-8. \$34.95 (cloth).; Jacob Hamblin. *Arming Mother Nature: The Birth of Catastrophic Environmentalism*. New

- York: Oxford University Press, 2013. x + 298 pp., index. ISBN 978-0-19-974005-5. \$29.95 (cloth).; Edwin A. Martini. *Agent Orange: History, Science, and the Politics of Uncertainty*. Amherst: University of Massachusetts Press, 2012. xvi + 302 pp., illus., index. ISBN 978-1-55849-975-1. \$24.95 (paper).; Rebecca Priestley. *Mad on Radium: New Zealand in the Atomic Age*. Auckland, NZ: University of Auckland Press, 2012. xii + 284 pp., illus., index. ISBN 978-1-86940-727-8. \$34.95 (paper). *Historical Studies in the Natural Sciences*, 45(2):340–347, April 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2015.45.2.340>.
- [Bro48] **Browne:1948:RAI**  
C. A. Browne. Recently acquired information concerning Fredrick Accum, 1769–1838. *Chymia: Annual Studies in the History of Chemistry*, 1(?): 1–9, ???? 1948. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757110>.
- [Bro69] **Brown:1969:ECE**  
Theodore M. Brown. The electric current in early Nineteenth-Century French physics. *Historical Studies in the Physical Sciences*, 1(?):61–103, ???? 1969. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757295>.
- [Bri15] **Brick:2015:BRR**  
Howard Brick. Book reviews: Betwixt, between, and all together: The curious careers of new sciences: *Working Knowledge: Making the Human Sciences from Parsons to Kuhn* by Joel Isaac; *Misbehaving Science: Controversy and the Development of Behavior Genetics* by Aaron Panofsky; *The Democratic Surround: Multimedia & American Liberalism from World War II to the Psychedelic Sixties* by Fred Turner. *Historical Studies in the Natural Sciences*, 45(5):805–815, November 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2015.45.5.805>.
- [Bro71] **Bromberg:1971:INB**  
Joan Bromberg. The impact of the neutron: Bohr and Heisenberg. *Historical Studies in the Physical Sciences*, 3(?): 307–341, ???? 1971. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757321>.
- [Bro75] **Brooke:1975:LGP**  
John Hedley Brooke. Laurent, Gerhardt, and the philosophy of chemistry. *Historical Studies in the Physical Sciences*, 6(?):405–429, ???? 1975. CODEN HSPSAS. ISSN 0073-2672

(print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757345>.

**Bromberg:1976:CPC**

- [Bro76] Joan Bromberg. The concept of particle creation before and after quantum mechanics. *Historical Studies in the Physical Sciences*, 7(??):161–191, ??? 1976. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757356>.

**Brown:2007:BHB**

- [Bro07] Cynthia Stokes Brown. *Big history: from the Big Bang to the present*. New Press, New York, NY, USA, 2007. ISBN 1-59558-196-0, 1-59558-414-5 (paperback), 1-59558-558-3 (e-book). xvi + 288 pp. LCCN D20 .B77 2007. URL <http://www.loc.gov/catdir/toc/ecip0711/2007006741.html>.

**Bromberg:2008:NIM**

- [Bro08] Joan Lisa Bromberg. New instruments and the meaning of quantum mechanics. *Historical Studies in the Natural Sciences*, 38(3):325–352, August 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

**Broman:2014:BRW**

- [Bro14] Thomas Broman. Book review: Working knowledge technical practices, social identities, and expertise in early modern

Europe Pamela O. Long. *Artisan/Practitioners and the Rise of the New Sciences, 1400–1600*. Corvallis: Oregon State University Press, 2011. xii + 196 pp., illus., index. ISBN 978-0-87071-609-6. \$22.95 (paper).; Eric L. Ash, ed. *Expertise: Practical Knowledge and the Early Modern State*. Osiris 2nd Series, vol. 25. Chicago: University of Chicago Press, 2010. 259 pp., illus., index. ISBN 978-0-226-02939-9. \$33.00 (paper).; Chandra Mukerji. *Impossible Engineering: Technology and Territoriality on the Canal du Midi*. Princeton, NJ: Princeton University Press, 2009. xix + 304 pp., illus., index. ISBN 978-0-691-14032-2. \$42.00 (hardcover). *Historical Studies in the Natural Sciences*, 44 (1):80–89, February 2014. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2014.44.1.80>.

**Brookhuis:2023:MBB**

- [Bro23] Hein Brookhuis. Making Belgian Big Science: A history of the MYRRHA research reactor (1994–2010). *Historical Studies in the Natural Sciences*, 53 (1):35–??, February 2023. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/53/1/35/195533/Making-Belgian-Big-ScienceA-History-of-the-MYRRHA>.

- [Bru87] **Brush:1987:RWE**  
 Stephen G. Brush. Review: Whole Earth history. *Historical Studies in the Physical and Biological Sciences*, 17(2):345–355, 1987. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757586>.
- [Bru03] **Bruno:2003:BNB**  
 Laura A. Bruno. The bequest of the nuclear battlefield: Science, nature, and the atom during the first decade of the Cold War. *Historical Studies in the Physical and Biological Sciences*, 33(2):237–260, March 2003. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Bru07] **Brush:2007:HIB**  
 Stephen G. Brush. How ideas became knowledge: The light-quantum hypothesis 1905–1935. *Historical Studies in the Physical and Biological Sciences*, 37(2):205–246, March 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [BT10] **Bonneui:2010:PLV**  
 Christophe Bonneui and Frederic Thomas. Purifying landscapes: The Vichy Regime and the genetic modernization of France. *Historical Studies in the Natural Sciences*, 40(4):532–568, Fall 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/1525/hsns.2010.40.4.532>.
- [Bub19] **Bub:2019:IQW**  
 Jeffrey Bub. Interpreting the quantum world: Old questions and new answers. *Historical Studies in the Natural Sciences*, 49(2):226–239, April 2019. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Buc77] **Buchwald:1977:WTM**  
 Jed Z. Buchwald. William Thomson and the mathematization of Faraday’s electrostatics. *Historical Studies in the Physical Sciences*, 8(?):101–136, 1977. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757369>.
- [Buc12] **Buchwald:2012:KSF**  
 Jed Z. Buchwald. Kuhn’s structure four and a half decades later. *Historical Studies in the Natural Sciences*, 42(5):485–490, November 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.485.pdf>.
- [Buc13] **Buckland:2013:NSF**  
 Adelene Buckland. *Novel science: fiction and the invention of nineteenth-century geology*. University of Chicago Press,

- Chicago, IL, USA, 2013. ISBN 0-226-07968-6 (hardcover), 0-226-92363-0 (e-book). 377 pp. LCCN PR468.G38 B83 2013.
- [Bug92] **Bugos:1992:ROQ**  
Glenn E. Bugos. Review: The organization of the quest for certainty. *Historical Studies in the Physical and Biological Sciences*, 23(1):181–191, ??? 1992. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757694>.
- [Bud07] **Bud:2007:PTT**  
Robert Bud. *Penicillin: triumph and tragedy*. Oxford University Press, Walton Street, Oxford OX2 6DP, UK, 2007. ISBN 0-19-925406-0. ix + 330 pp. LCCN RM666.P35 B83 2007. URL <http://www.loc.gov/catdir/enhancements/fy0725/2006102287-d.html>; <http://www.loc.gov/catdir/toc/ecip077/2006102287.html>.
- [Bur82] **Burchfield:1982:RBA**  
Joe D. Burchfield. Review: The British Association and its historians. *Historical Studies in the Physical Sciences*, 13(1):165–174, ??? 1982. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757510>.
- [Bue53] **Buehler:1953:PUE**  
Curt F. Buehler. A projected but unpublished edition of the “*Life and Works*” of Robert Boyle. *Chymia: Annual Studies in the History of Chemistry*, 4(?):79–83, ??? 1953. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757163>.
- [Bur06] **Burgos:2006:BSL**  
Marcelo Baumann Burgos. Brazilian synchrotron light. *Historical Studies in the Physical and Biological Sciences*, 36(2):329–341, March 2006. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Bug89] **Bugos:1989:MCR**  
Glenn E. Bugos. Managing cooperative research and borderland science in the National Research Council, 1922–1942. *Historical Studies in the Physical and Biological Sciences*, 20(1):1–32, ??? 1989. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757633>.
- [Bur24] **Burton:2024:AGH**  
Elise K. Burton. Accidents of geography: Historicizing genetic cartographies of the Middle East. *Historical Studies in the Natural Sciences*, 54(1):3–??, February 2024. CODEN ??? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/>

54/1/3/200205/Accidents-of-GeographyHistoricizing-Genetic.

**Butler:1994:RMP**

- [But94] Loren Butler. Robert S. Mulliken and the politics of science and scientists, 1939–1946. *Historical Studies in the Physical and Biological Sciences*, 25(1):25–45, 1994. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Bensaude-Vincent:2001:CDM**

- [BV01] Bernadette Bensaude-Vincent. The construction of a discipline: Materials science in the United States. *Historical Studies in the Physical and Biological Sciences*, 31(2):223–248, March 2001. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Bacciagaluppi:2009:QTC**

- [BV09] Guido Bacciagaluppi and Antony Valentini, editors. *Quantum theory at the crossroads: reconsidering the 1927 Solvay conference*. Cambridge University Press, Cambridge, UK, 2009. ISBN 0-521-81421-9 (hardcover). LCCN QC173.96 .B33 2009. URL <http://www.loc.gov/catdir/toc/ecip0817/2008019585.html>.

**Baldwin:2024:IPH**

- [BV24] Melinda Baldwin and Brigid Vance. Introduction: Pedagogy in the history of science

and medicine. *Historical Studies in the Natural Sciences*, 54(1):84–??, February 2024. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/54/1/84/200190/IntroductionPedagogy-in-the-History-of-Science-and>.

**Bycroft:2013:WAV**

- [Byc13] Michael Bycroft. Wonders in the Academy: The value of strange facts in the experimental research of Charles Dufay. *Historical Studies in the Natural Sciences*, 43(3):334–370, June 2013. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2013.43.3.334.pdf>.

**Bykov:1965:HSE**

- [Byk65] G. V. Bykov. Historical sketch of the electron theories of organic chemistry. *Chymia: Annual Studies in the History of Chemistry*, 10(??):199–253, 1965. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757251>.

**Casado:2014:VSN**

- [CA14] Santos Casado and Santiago Aragón. Vignettes of Spanish nature: Imagining a national fauna at the Museo Nacional de Ciencias Naturales, Madrid

- (1910–1936). *Historical Studies in the Natural Sciences*, 44 (3):197–233, June 2014. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2014.44.3.197>. [Cah04]
- Cahan:2004:HSA**
- David Cahan. Helmholtz and the shaping of the American physics elite in the Gilded Age. *Historical Studies in the Physical and Biological Sciences*, 35 (1):1–34, September 2004. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- Cahan:1982:WSO**
- [Cah82] David Cahan. Werner Siemens and the origin of the Physikalisch-Technische Reichsanstalt, 1872–1887. *Historical Studies in the Physical Sciences*, 12(2):253–283, ??? 1982. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757497>. [Cam10]
- Cahan:1985:IRG**
- [Cah85] David Cahan. The institutional revolution in German physics, 1865–1914. *Historical Studies in the Physical Sciences*, 15 (2):1–65, ??? 1985. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757549>. [Cam16]
- Cahan:1988:RPP**
- [Cah88] David Cahan. Review: Pride and prejudice in the history of physics: The German-speaking world, 1740–1945. *Historical Studies in the Physical and Biological Sciences*, 19(1):173–191, ??? 1988. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757620>. [Cam20]
- Camprubi:2010:OGO**
- Lino Camprubí. One grain, one nation: Rice genetics and the corporate state in early Francoist Spain (1939–1952). *Historical Studies in the Natural Sciences*, 40(4):499–531, Fall 2010. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2010.40.4.499>.
- Camprubi:2016:RIG**
- Lino Camprubí. Review: *The Invention of the Global Environment*. *Historical Studies in the Natural Sciences*, 46(2):243–251, April 2016. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic).
- Camprubi:2020:BBE**
- Lino Camprubí. Birds without borders: Ecological diplomacy and the WWF in Franco’s Spain. *Historical Studies in the Natural Sciences*, 50(4):433–??, September 2020. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online>.



- ucpress.edu/hsns/article/50/4/433/111897/Birds-Without-BordersEcological-Diplomacy-and-the. [Can97]
- Campagnolo:2022:HWG**
- [Cam22] Gian Marco Campagnolo. How to win games and influence football players. *Historical Studies in the Natural Sciences*, 52(1):120–??, February 2022. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/52/1/120/120497/How-to-Win-Games-and-Influence-Football-Players>. [Can05]
- Cantor:1975:RWT**
- [Can75] Geoffrey Cantor. The reception of the wave theory of light in Britain: a case study illustrating the role of methodology in scientific debate. *Historical Studies in the Physical Sciences*, 6(??):109–132, ????. 1975. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757341>. [Can21]
- Caneva:1978:GET**
- [Can78] Kenneth L. Caneva. From Galvanism to electrodynamics: The transformation of German physics and its social context. *Historical Studies in the Physical Sciences*, 9(??):63–159, ????. 1978. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757377>. [Car99]
- Caneva:1997:CRM**
- Kenneth L. Caneva. Colding, Ørsted, and the meanings of force. *Historical Studies in the Physical and Biological Sciences*, 28(1):1–138, ????. 1997. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- Caneva:2005:DSC**
- Kenneth L. Caneva. ‘Discovery’ as a site for the collective construction of scientific knowledge. *Historical Studies in the Physical and Biological Sciences*, 35(2):175–291, March 2005. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- Candela:2021:DV**
- Emily Candela. Designing the virus. *Historical Studies in the Natural Sciences*, 51(1):140–??, February 2021. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/51/1/140/116284/Designing-the-Virus>.
- Carson:1999:NMS**
- Cathryn Carson. New models for science in politics: Heisenberg in West Germany. *Historical Studies in the Physical and Biological Sciences*, 30(1):115–171, ????. 1999. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

- Carson:2020:CD**
- [Car20] Cathryn Carson. Clouds of data. *Historical Studies in the Natural Sciences*, 50(1-2):81–89, April 2020. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- Cassidy:1979:HFC**
- [Cas79] David C. Cassidy. Heisenberg’s first core model of the atom: The formation of a professional style. *Historical Studies in the Physical Sciences*, 10(??):187–224, ???? 1979. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757390>.
- Cassidy:1981:CRS**
- [Cas81] David C. Cassidy. Cosmic ray showers, high energy physics, and quantum field theories: Programmatic interactions in the 1930s. *Historical Studies in the Physical Sciences*, 12(1):1–39, ???? 1981. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757488>.
- Cassidy:1983:RRG**
- [Cas83] David C. Cassidy. Review: Recent German perspectives on German technical education. *Historical Studies in the Physical Sciences*, 14(1):187–200, ???? 1983. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic).
- Cassidy:1986:RUH**
- [Cas86] David Cassidy. Review: Understanding the history of Special Relativity. *Historical Studies in the Physical and Biological Sciences*, 16(1):177–188, ???? 1986. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757529>.
- Cassidy:1994:CGS**
- [Cas94] David Cassidy. Controlling German science, I: U.S. and Allied forces in Germany, 1945–1947. *Historical Studies in the Physical and Biological Sciences*, 24(2):197–235, ???? 1994. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- Cassidy:1996:CGS**
- [Cas96] David Cassidy. Controlling German science, II: Bizonal occupation and the struggle over West German science policy, 1946–1949. *Historical Studies in the Physical and Biological Sciences*, 26(2):197–239, ???? 1996. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- Castonguay:2001:ERS**
- [Cas01] Stephane Castonguay. The emergence of research specialties in economic entomology in Canadian government laboratories after World War II. *His-*

*Historical Studies in the Physical and Biological Sciences*, 32(1): 19–40, September 2001. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Cassidy:2007:OFP**

[Cas07]

David C. Cassidy. Oppenheimer's first paper: Molecular band spectra and a professional style. *Historical Studies in the Physical and Biological Sciences*, 37(2):247–270, March 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

[CE81]

*Historical Studies in the Physical and Biological Sciences*, 28(2):253–300, 1998. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Cockburn:1981:OLT**

Stewart Cockburn and David Ellyard. *Oliphant, the life and times of Sir Mark Oliphant*. Axiom Books, Adelaide, SA, Australia, 1981. ISBN 0-9594164-0-4. xviii + 369 pp. LCCN QC16.O46 C6 1981.

**Case:2009:ISM**

[Cas09a]

Stephen Case. 'Insufferably stupid or miserably out of place': F. A. P. Barnard and his scientific instrument collection in the Antebellum South. *Historical Studies in the Natural Sciences*, 39(4):418–443, November 2009. CODEN 1939-1811 (print), 1939-182X (electronic).

[CG96]

**Creager:1996:MSE**

Angela N. H. Creager and Jean-Paul Gaudillière. Meanings in search of experiments and vice-versa: The invention of allosteric regulation in Paris and Berkeley (1959–1968). *Historical Studies in the Physical and Biological Sciences*, 27(1):1–89, 1996. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Cassidy:2009:BUH**

[Cas09b]

David C. Cassidy. *Beyond uncertainty: Heisenberg, quantum physics, and the bomb*. Bellevue Literary Press, New York, NY, USA, 2009. ISBN 1-934137-13-8. 480 pp. LCCN QC16.W518 C37 2008.

[CH16]

**Carlsson-Hyslop:2016:PPB**

Anna Carlsson-Hyslop. Patronage and practice in British oceanography: The mixed patronage of storm surge science at the Liverpool Tidal Institute, 1919–1959. *Historical Studies in the Natural Sciences*, 46(3):270–312, June 2016. CODEN 1939-1811 (print), 1939-182X (electronic).

**Cat:1998:PDU**

[Cat98]

Jordi Cat. The physicists' debates on unification in physics at the end of the 20th Century.

- [Cha93] Michael Chayut. New sites for scientific change: Paul Flory's initiation into polymer chemistry. *Historical Studies in the Physical and Biological Sciences*, 23(2):193–218, 1993. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757698>.
- [Cha94] Michael Chayut. From Berlin to Jerusalem: Ladislaus Farkas and the founding of physical chemistry in Israel. *Historical Studies in the Physical and Biological Sciences*, 24(2):237–263, 1994. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Cha01] Hasok Chang. Spirit, air, and quicksilver: The search for the 'real' scale of temperature. *Historical Studies in the Physical and Biological Sciences*, 31(2):249–284, March 2001. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Cha11] Isabelle Charmantier. Carl Linnaeus and the visual representation of nature. *Historical Studies in the Natural Sciences*, 41(4):365–404, November 2011. CODEN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2011.41.4.405>.
- [Cha12] Hasok Chang. *Is Water H<sub>2</sub>O?: Evidence, Realism and Pluralism*, volume 293 of *Boston Studies in the Philosophy and History of Science*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 2012. ISBN 94-007-3931-1, 94-007-3932-X (e-book). ISSN 0068-0346. xxi + 316 pp. LCCN QD169.W3 C43 2012. URL <https://link.springer.com/book/10.1007/978-94-007-3932-1>.
- [Cha20] Melissa Charenko. Reconstructing climate: Paleoecology and the limits of prediction during the 1930s Dust Bowl. *Historical Studies in the Natural Sciences*, 50(1–2):90–128, April 2020. CODEN 1939-1811 (print), 1939-182X (electronic).
- [Cho12] Hyungsub Choi. Book review: Designing and redesigning artifacts and institutions: *Hitting the Brakes: Engineering Design and the Production of Knowledge*, by Ann Johnson; *Makers of the Microchip: A Documentary History of Fairchild Semiconductor*, by Christophe Lécuyer and David C. Brock; *Velvet Revolution at the Synchrotron: Biology, Physics, and*

- Change in Science*, by Park Doing; *Becoming MIT: Moments of Decision*, by David Kaiser. *Historical Studies in the Natural Sciences*, 42(4):322–328, September 2012. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2012.42.4.322>; <https://www.math.utah.edu/pub/tex/bib/hsns.bib>. [CK90]
- Christian:2011:MTI**
- [Chr11] David Christian. *Maps of time: an introduction to big history*, volume 2 of *The California world history library*. University of California Press, Berkeley, CA, USA, 2011. ISBN 0-520-24476-1, 0-520-27144-0, 0-520-95067-4 (e-book). xxvii + 642 pp. LCCN CB19 .C47 2011eb. URL <http://site.ebrary.com/lib/princeton/Doc?id=10496862>.
- Churchill:1967:SCE**
- [Chu67] Mary S. Churchill. The seven chapters, with explanatory notes. *Chymia: Annual Studies in the History of Chemistry*, 12(??):27, 29–57, ??? 1967. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757273>.
- Cittadino:2015:PSP**
- [Cit15] Eugene Cittadino. Paul Sears and the Plowshare Advisory Committee: “subversive” ecologist endorses nuclear excavation? *Historical Studies in the Natural Sciences*, 45(3):397–446, June 2015. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2015.45.3.397>.
- Carazza:1990:ARM**
- Bruno Carazza and Helge Kragh. Augusto Righi’s magnetic rays: a failed research program in early 20th-Century physics. *Historical Studies in the Physical and Biological Sciences*, 21(1):1–28, ??? 1990. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757653>.
- Creager:2007:SLM**
- [CLW07] Angela N. H. Creager, Elizabeth Lunbeck, and M. Norton Wise, editors. *Science without laws: model systems, cases, exemplary narratives*. Science and cultural theory. Duke University Press, Durham, NC, USA, 2007. ISBN 0-8223-4046-1 (cloth), 0-8223-4068-2 (paperback). 287 pp. LCCN QH324.8 .S25 2007. URL <http://www.loc.gov/catdir/toc/ecip0710/2007006303.html>.
- Coen:2002:SEN**
- [Coe02] Deborah R. Coen. Scientists’ errors, nature’s fluctuations, and the Law of Radioactive Decay, 1899–1926. *Historical Studies in the Physical and Biological Sciences*, 32(2):179–205, March 2002. CODEN HSPSEW. ISSN

0890-9997 (print), 1533-8355 (electronic).

**Coen:2007:VAU**

[Coe07]

Deborah R. Coen. *Vienna in the age of uncertainty: science, liberalism, and private life*. University of Chicago Press, Chicago, IL, USA, 2007. ISBN 0-226-11172-5 (cloth). xi + 380 pp. LCCN DB844.E98 C64 2007. URL <http://www.loc.gov/catdir/enhancements/fy0707/2007003723-b.html>; <http://www.loc.gov/catdir/enhancements/fy0707/2007003723-d.html>; <http://www.loc.gov/catdir/toc/ecip0710/2007003723.html>.

**Coen:2010:BRW**

[Coe10]

Deborah R. Coen. Book reviews: Weatherwiser? Matthew Mulcahy. *Hurricanes and Society in the British Greater Caribbean, 1624–1783*. Baltimore: Johns Hopkins University Press, 2006. ix + 257 pp., illus., index. ISBN 978-0-801-89079-6. \$25.00 (paper). Jan Golinski. *British Weather and the Climate of Enlightenment*. Chicago: University of Chicago Press, 2007. xv + 284 p., illus., index. ISBN: 978-0-226-30205-8. \$35.00 (cloth). Fabien Locher. *Le savant et la tempête: Étudier l'atmosphère et prévoir le temps au XIXe siècle*. Presses Universitaires Rennes, 2008. 221 pp., illus. ISBN 978-2-753-50696-1. \$25.44 (paper). Kristine C. Harper. *Weather by the Num-*

*bers: The Genesis of Modern Meteorology*. Cambridge, MA: MIT Press, 2008. ix + 308 pp., illus., index. ISBN 978-0-262-08378-2. \$40.00 (cloth). *Historical Studies in the Natural Sciences*, 40(1):125–135, February 2010. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic).

**Coen:2021:EMH**

[Coe21]

Deborah R. Coen. The experimental multispecies household. *Historical Studies in the Natural Sciences*, 51(3):330–??, June 2021. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/51/3/330/117356/The-Experimental-Multispecies-Household>.

**Coffey:2006:CFE**

[Cof06]

Patrick Coffey. Chemical free energies and the Third Law of Thermodynamics. *Historical Studies in the Physical and Biological Sciences*, 36(2):365–396, March 2006. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Cohen:1950:BCI**

[Coh50]

I. Bernard Cohen. The beginning of chemical instruction in America: a brief account of the teaching of chemistry at Harvard prior to 1800. *Chymia: Annual Studies in the History of Chemistry*, 3(??):17–44, ????? 1950. CODEN CHYMAP. ISSN

0095-9367. URL <http://www.jstor.org/stable/27757144>.

**Collins:2003:LBB**

- [Col03] H. M. Collins. LIGO becomes big science. *Historical Studies in the Physical and Biological Sciences*, 33(2):261–297, March 2003. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Coleman:2010:BEE**

- [Col10] David C. Coleman. *Big ecology: the emergence of ecosystem science*. University of California Press, Berkeley, CA, USA, 2010. ISBN 0-520-26475-4 (hardcover). xii + 236 pp. LCCN QH541.2 .C63 2010.

**Colon:2024:RGW**

- [Col24] Sigma Colón. Reimagining group work through the lens of care Webs. *Historical Studies in the Natural Sciences*, 54(1):92–??, February 2024. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/54/1/92/200195/Reimagining-Group-Work-through-the-Lens-of-Care>.

**Conway:2006:DDS**

- [Con06] Erik M. Conway. Drowning in data: Satellite oceanography and information overload in the Earth sciences. *Historical Studies in the Physical and Biological Sciences*, 37(1):

127–151, September 2006. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Conway:2011:IES**

- [Con11] Erik M. Conway. Infrastructures of Earth and sky. *Historical Studies in the Natural Sciences*, 41(3):344–353, Summer 2011. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2011.41.3.344>.

**Cook:2007:MEC**

- [Coo07a] Harold John Cook. *Matters of exchange: commerce, medicine, and science in the Dutch Golden Age*. Yale University Press, New Haven, CT, USA, 2007. ISBN 0-300-11796-5. xiv + 562 pp. LCCN Q127.N2 C66 2007. URL <http://www.loc.gov/catdir/toc/ecip0619/2006026973.html>.

**Cooper:2007:IIL**

- [Coo07b] Alix Cooper. *Inventing the indigenous: local knowledge and natural history in early modern Europe*. Cambridge University Press, Cambridge, UK, 2007. ISBN 0-521-87087-9 (hardcover). xiii + 218 pp. LCCN GR880 .C67 2007. URL <http://www.loc.gov/catdir/enhancements/fy0703/2006037259-d.html>; <http://www.loc.gov/catdir/enhancements/fy0703/2006037259-t.html>;

- <http://www.loc.gov/catdir/enhancements/fy0729/2006037259-b.html>.
- [Coo12] Harold J. Cook. Science as culture: An American viewpoint. *Historical Studies in the Natural Sciences*, 42(5):491–495, November 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.491.pdf>. **Cook:2012:SCA** [CR09]
- [Coo19] Austin R. Cooper. “A ray of sunshine on French tables”: Citrus fruit, colonial agronomy, and French rule in Algeria (1930–1962). *Historical Studies in the Natural Sciences*, 49(3):241–272, June 2019. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). **Cooper:2019:RSF** [CR16]
- [Cow17] Henry M. Cowles. History naturalized. *Historical Studies in the Natural Sciences*, 47(1):107–116, February 2017. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). **Cowles:2017:HN** [CR21]
- [CPWW99] Cathryn Carson, Ethan Pollock, Peter Westwick, and James H. Williams. Editors’ foreword. *Historical Studies in the Physical and Biological Sciences*, 30(1):i–??, ???? 1999. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). **Carney:2009:SSA**
- Judith Ann Carney and Richard Nicholas Rosomoff. *In the shadow of slavery: Africa’s botanical legacy in the Atlantic world*. University of California Press, Berkeley, CA, USA, 2009. ISBN 0-520-25750-2 (hardcover). xiv + 280 + 7 pp. LCCN E29.N3 C375 2009. **Camprubi:2016:GOC**
- Lino Camprubi and Sam Robinson. A gateway to ocean circulation: Surveillance and sovereignty at Gibraltar. *Historical Studies in the Natural Sciences*, 46(4):429–459, September 2016. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). **Cowles:2021:ERI**
- Henry M. Cowles and Chitra Ramalingam. Essays & reviews: Introduction. *Historical Studies in the Natural Sciences*, 51(1):138–??, February 2021. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/51/1/138/116283/Essays-and-ReviewsIntroduction>. **Cowles:2022:I**
- Henry M. Cowles and Chitra Ramalingam. Introduction. *Historical Studies in the Natural Sciences*, 52(1):118–??,



- February 2022. CODEN ????
- ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/52/1/118/120495/>
- Introduction.
- Crawford:2000:GSH**
- [Cra00] Elisabeth Crawford. German scientists and Hitler's vendetta against the Nobel prizes. *Historical Studies in the Physical and Biological Sciences*, 31(1):37–53, 2000. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- Crelinsten:1983:WWC**
- [Cre83] Jeffrey Crelinsten. William Wallace Campbell and the “Einstein Problem”: An observational astronomer confronts the Theory of Relativity. *Historical Studies in the Physical Sciences*, 14(1):1–91, 1983. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757525>.
- Creager:1995:FR**
- [Cre95] Angela N. Creager. In the fly room. *Historical Studies in the Physical and Biological Sciences*, 25(2):357–360, 1995. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- Crease:2001:AHH**
- [Cre01] Robert P. Crease. Anxious history: The High Flux Beam Reactor and Brookhaven National Laboratory. *Historical Studies in the Physical and Biological Sciences*, 32(1):41–56, September 2001. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- Crease:2008:RSB**
- [Cre08] Robert P. Crease. Recombinant science: The birth of the Relativistic Heavy Ion Collider (RHIC). *Historical Studies in the Natural Sciences*, 38(4):535–568, November 2008. CODEN ????
- ISSN 1939-1811 (print), 1939-182X (electronic).
- Creager:2015:RCM**
- [Cre15] Angela N. H. Creager. Radiation, cancer, and mutation in the Atomic Age. *Historical Studies in the Natural Sciences*, 45(1):14–48, February 2015. CODEN ????
- ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2015.45.1.14>.
- Creager:2020:FB**
- [Cre20] Angela N. H. Creager. Finding the biological. *Historical Studies in the Natural Sciences*, 50(1–2):74–80, April 2020. CODEN ????
- ISSN 1939-1811 (print), 1939-182X (electronic).
- Cropper:1988:JJW**
- [Cro88] William H. Cropper. James Joule's work in electrochemistry and the emergence of the First Law of Thermodynamics. *Historical Studies in the Physical*

- and *Biological Sciences*, 19(1): 1–15, 1988. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757615>.
- [Cro07] Anna Crozier. *Practising colonial medicine: the Colonial Medical Service in British East Africa*. I. B. Tauris, London, UK, 2007. ISBN 1-84511-459-0. xiv + 225 pp. LCCN RA395.A353 C76 2007.
- [Cro20] Nathan Crowe. Book reviews: The engineering ideal: Loeb’s ghost, or something else?, Luis A. Campos, *Radium and the Secret of Life*. Chicago: University of Chicago Press, 2015. 378 pp., illus., index. ISBN 978-0-226-41874-2. \$35.00 (paper). Helen Anne Curry, *Evolution Made to Order: Plant Breeding and Technological Innovation in Twentieth Century America*. Chicago: University of Chicago Press, 2016. 285 pp., illus., index. ISBN 978-0-226-39008-6. \$55.00 (cloth). Sophia Roosth, *Synthetic: How Life Got Made*. Chicago: University of Chicago Press, 2017. 251 pp., illus., index. ISBN 978-0-226-44046-0. \$35.00 (paper). *Historical Studies in the Natural Sciences*, 50(5):624–??, November 2020. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/> 50/5/624/114257/The-Engineering-IdealLoeb-s-Ghost-or-Something.
- [CS78] Maurice Crosland and Crosbie Smith. The transmission of physics from France to Britain: 1800–1840. *Historical Studies in the Physical Sciences*, 9(??):1–61, 1978. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757376>.
- [Cul74] Charles A. Culotta. German biophysics, objective knowledge, and romanticism. *Historical Studies in the Physical Sciences*, 4(??):3–38, 1974. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757326>.
- [Cul10] Nick Cullather. *The hungry world: America’s Cold War battle against poverty in Asia*. Harvard University Press, Cambridge, MA, USA, 2010. ISBN 0-674-05078-9 (hardcover), 0-674-72581-6 (paperback). xi + 348 + 8 pp. LCCN HD2056.Z8 C85 2010.
- [Cur11] Andrew S. Curran. *The anatomy of blackness: science and slavery in an age of Enlightenment*. The Johns Hop-

kins University Press, Baltimore, MD, USA, 2011. ISBN 1-4214-0150-9 (hardcover). xiv + 310 pp. LCCN PQ265 .C87 2011.

**Curry:2016:AAS**

[Cur16]

Helen Anne Curry. Atoms in agriculture: A study of scientific innovation between technological systems. *Historical Studies in the Natural Sciences*, 46(2): 119–153, April 2016. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic).

**D'Agostino:1975:HRE**

[D'A75]

Salvo D'Agostino. Hertz's researches on electromagnetic waves. *Historical Studies in the Physical Sciences*, 6(?): 261–323, 1975. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757343>.

**Dahl:1984:KOD**

[Dah84]

Per F. Dahl. Kamerlingh Onnes and the discovery of superconductivity: The Leyden years, 1911–1914. *Historical Studies in the Physical Sciences*, 15(1):1–37, 1984. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757541>.

**Dahl:1986:SAW**

[Dah86]

Per F. Dahl. Superconductivity after World War I and circumstances surrounding the dis-

covery of a state  $B = 0$ . *Historical Studies in the Physical and Biological Sciences*, 16(1): 1–58, 1986. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757556>.

**Darrigol:1984:HQC**

[Dar84]

Olivier Darrigol. A history of the question: Can free electrons be polarized? *Historical Studies in the Physical Sciences*, 15(1):39–79, 1984. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757542>.

**Darrigol:1986:OQM**

[Dar86]

Olivier Darrigol. The origin of quantized matter waves. *Historical Studies in the Physical and Biological Sciences*, 16(2): 197–253, 1986. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757565>.

**Darrigol:1988:SCE**

[Dar88]

Olivier Darrigol. Statistics and combinatorics in early quantum theory. *Historical Studies in the Physical and Biological Sciences*, 19(1):17–80, 1988. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757616>.

- [Dar91] **Darrigol:1991:SCE** Olivier Darrigol. Statistics and combinatorics in early quantum theory, II: Early symptoma of indistinguishability and holism. *Historical Studies in the Physical and Biological Sciences*, 21 (2):237–298, 1991. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757664>.
- [Dar94] **Darrigol:1994:ETL** Olivier Darrigol. The electron theories of Larmor and Lorentz: a comparative study. *Historical Studies in the Physical and Biological Sciences*, 24(2):265–336, 1994. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Dar96] **Darrigol:1996:EOR** Olivier Darrigol. The electrodynamic origins of Relativity theory. *Historical Studies in the Physical and Biological Sciences*, 26(2):241–312, 1996. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Dar98a] **Darrigol:1998:OPA** Olivier Darrigol. From organ pipes to atmospheric motions: Helmholtz on fluid mechanics. *Historical Studies in the Physical and Biological Sciences*, 29 (1):1–54, 1998. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Dar98b] **Darrigol:1998:TNT** Olivier Darrigol. Toward a new topology of scientific practice. *Historical Studies in the Physical and Biological Sciences*, 28 (2):337–351, 1998. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Dar01] **Darrigol:2001:GWM** Olivier Darrigol. God, waterwheels, and molecules: Saint-Venant’s anticipation of energy conservation. *Historical Studies in the Physical and Biological Sciences*, 31(2):285–353, March 2001. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Dar02] **Darrigol:2002:TCH** Olivier Darrigol. Turbulence in 19th-century hydrodynamics. *Historical Studies in the Physical and Biological Sciences*, 32 (2):207–262, March 2002. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Dar04] **Darrigol:2004:RAS** Olivier Darrigol. On a recent article by Seiya Abiko. *Historical Studies in the Physical and Biological Sciences*, 35(1): 153–155, September 2004. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). See [Abi03] and reply [Abi04].

**Daston:2012:S**

- [Das12] Lorraine Daston. Structure. *Historical Studies in the Natural Sciences*, 42(5):496–499, November 2012. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.496.pdf>.

**Daumas:1948:LCF**

- [Dau48] Maurice Daumas. L'école des Chimistes Français vers 1840. *Chymia: Annual Studies in the History of Chemistry*, 1(??):55–65, 1948. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757114>.

**Daumas:1950:AEL**

- [Dau50] Maurice Daumas. Les Appareils d'Expérimentation de Lavoisier. (French) [Lavoisier's experimental equipment]. *Chymia: Annual Studies in the History of Chemistry*, 3(??):45–62, 1950. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757145>.

**Daub:1970:ED**

- [Dau70] Edward E. Daub. Entropy and dissipation. *Historical Studies in the Physical Sciences*, 2(??):321–354, 1970. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757310>.

**Davis:1948:EUP**

- [Dav48] Tenney L. Davis. The early use of potassium chlorate in pyrotechny: Dr. Moritz Meyer's colored flame compositions. *Chymia: Annual Studies in the History of Chemistry*, 1(??):75–92, 1948. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757116>.

**Davis:1949:PFT**

- [Dav49] Tenney L. Davis. *Pulvis Fulminans* Tenney L. Davis. *Chymia: Annual Studies in the History of Chemistry*, 2(??):ii + 99–110, 1949. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757126>.

**Davis:1986:IAC**

- [Dav86] John L. Davis. The influence of astronomy on the character of physics in mid-Nineteenth Century France. *Historical Studies in the Physical and Biological Sciences*, 16(1):59–82, 1986. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757557>.

**deChadarevian:2015:CPH**

- [dC15] Soraya de Chadarevian. Chromosome photography and the human karyotype. *Historical Studies in the Natural Sciences*, 45(1):115–146, February 2015. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic).

- URL <http://www.jstor.org/stable/10.1525/hsns.2015.45.1.115>.
- [dC18] Soraya de Chadarevian. Things and data in recent biology. *Historical Studies in the Natural Sciences*, 48(5):648–658, November 2018. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic).
- [dC20] Soraya de Chadarevian. Normalization and the search for variation in the human genome. *Historical Studies in the Natural Sciences*, 50(5):578–??, November 2020. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/50/5/578/114255/Normalization-and-the-Search-for-Variation-in-the>.
- [dCP18] Soraya de Chadarevian and Theodore M. Porter. Introduction: Scrutinizing the data world. *Historical Studies in the Natural Sciences*, 48(5):549–556, November 2018. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic).
- [DD59] Maurice Daumas and Denis Duveen. Lavoisier’s relatively unknown large-scale decomposition and synthesis of water, February 27 and 28, 1785. *Chymia: Annual Studies in the History of Chemistry*, 5(?):113–129, ????? 1959. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757179>.
- [De 02] Alexis De Greiff. The tale of two peripheries: The creation of the International Centre for Theoretical Physics in Trieste. *Historical Studies in the Physical and Biological Sciences*, 33(1):33–59, September 2002. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [De 05] Alberto G. De Gregorio. Neutron physics in the early 1930s. *Historical Studies in the Physical and Biological Sciences*, 35(2):293–340, March 2005. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [de 06] María de la Paz Ramos Lara. Particle accelerators in Mexico. *Historical Studies in the Physical and Biological Sciences*, 36(2):297–309, March 2006. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [De 12] Alexis De Greiff A. *A las puertas del universo derrotado*.

- (Spanish) [At the gates of the defeated universe]. Colección obra selecta. Universidad Nacional de Colombia, Vicerrectoría Académica, Bogotá, D.C., Colombia, 2012. ISBN 958-761-141-1 (hardcover), 958-761-142-X (paperback), 958-761-143-8 (e-book). 180 pp. LCCN QC7.5 .D425 2012.
- [Dea07] Peter Robert Dear. *The intelligibility of nature: how science makes sense of the world*. Science.culture. University of Chicago Press, Chicago, IL, USA, 2007. ISBN 0-226-13948-4, 0-226-13949-2. xii + 242 pp. LCCN Q175.32.R45. URL <http://www.gbv.de/dms/bowker/toc/9780226139487>; <http://www.loc.gov/catdir/enhancements/fy0702/2005026032-b.html>; <http://www.loc.gov/catdir/enhancements/fy0702/2005026032-d.html>; <http://www.loc.gov/catdir/toc/ecip0518/2005026032.html>.
- [Dea14] Peter Dear. Darwin's sleepwalkers: Naturalists, nature, and the practices of classification. *Historical Studies in the Natural Sciences*, 44(4):297–318, September 2014. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2014.44.4.297>.
- [Deb62] Allen G. Debus. Solution analyses prior to Robert Boyle. *Chymia: Annual Studies in the History of Chemistry*, 8(??):41–61, ????. 1962. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757217>.
- [Dei48] Claude K. Deischer. A memorial tribute to Dr. C. A. Browne: With a bibliography of his contributions to the history of chemistry. *Chymia: Annual Studies in the History of Chemistry*, 1(??):11–22, ????. 1948. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757111>.
- [Dei64] Claude K. Deischer. In memoriam to a secretary, librarian, curator of a library, and historian: Eva Vivian Armstrong
- [Dea08] Peter Dear. Book review: The Inwardness of Science: Charles Coulston Gillispie. *Essays and Reviews in History and History of Science*. Philadelphia: American Philosophical Society, 2007. xix + 424 pp. ISBN 978-0-87169-965-7. \$24 (paper). *Historical Studies in the Natural Sciences*, 38(4):621–625, November 2008. CODEN ?????

**Dear:2014:DSN**

**Dear:2007:INH**

**Debus:1962:SAP**

**Deischer:1948:MTD**

**Deischer:1964:MSL**

- 1877–1962. *Chymia: Annual Studies in the History of Chemistry*, 9(??):13–17, ????. 1964. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757227>. [Den17]
- [Dei04] **Deichmann:2004:ERA**  
Ute Deichmann. Early responses to Avery et al.’s paper on DNA as hereditary material. *Historical Studies in the Physical and Biological Sciences*, 34(2):207–232, March 2004. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). [Den23]
- [Dei21] **Deichmann:2021:TTR**  
Ute Deichmann. Template theories, the rule of parsimony, and disregard for irreproducibility — the example of Linus Pauling’s research on antibody formation. *Historical Studies in the Natural Sciences*, 51(4):427–??, September 2021. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/51/4/427/118595/Template-Theories-the-Rule-of-Parsimony-and>. [DeV87]
- [deM53] **deMilt:1953:ALF**  
Clara deMilt. Auguste Laurent, founder of modern organic chemistry. *Chymia: Annual Studies in the History of Chemistry*, 4(??):85–114, ????. 1953. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757164>. [Dev00]
- Dentinger:2017:AFT**  
Rachel Mason Dentinger. From “actual forces” to “token stimuli”: Gottfried S. Fraenkel and the evolutionary ‘raison d’Être’ of plant molecules, 1930s–1960s. *Historical Studies in the Natural Sciences*, 47(2):127–163, April 2017. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic).
- Dent:2023:SM**  
Rosanna Dent. Stolen masks. *Historical Studies in the Natural Sciences*, 53(1):76–??, February 2023. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/53/1/76/195534/Stolen-Masks>.
- DeVorkin:1987:OSR**  
David DeVorkin. Organizing for space research: The V-2 Rocket Panel. *Historical Studies in the Physical and Biological Sciences*, 18(1):1–24, ????. 1987. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757594>.
- Devorkin:2000:WSA**  
David H. Devorkin. Who speaks for astronomy? How astronomers responded to government funding after World War II. *Historical Studies in the Physical and Biological Sciences*, 31(1):55–92, ????. 2000.



CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**DeYoung:2011:VMS**

[DeY11]

Ursula DeYoung. *A vision of modern science: John Tyndall and the role of the scientist in Victorian culture*. Palgrave studies in the history of science and technology. Palgrave Macmillan, New York, NY, 2011. ISBN 0-230-11053-3 (hardcover). 270 pp. LCCN Q143.T96 D43 2011. URL <http://www.palgraveconnect.com/doi/10.1057/9780230118058>.

**Daston:2007:O**

[DG07]

Lorraine Daston and Peter Galison. *Objectivity*. Zone Books, New York, NY, USA, 2007. ISBN 1-890951-78-1. 501 + 38 pp. LCCN BD220 .D37 2007. URL <http://www.loc.gov/catdir/toc/ecip0720/2007023997.html>.

**Diagne:2024:BAC**

[DGH<sup>+</sup>24]

Awa Hanane Diagne, Emily Grenon, Syeda Hasan, Holly K. M. Johnstone, Edward Jones-Imhotep, Alexander Oxford, Neve Ostry Young, and Sarai Rudder. The black androids: a chrestomathy. *Historical Studies in the Natural Sciences*, 54(3):407–??, June 2024. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/>

54/3/407/201970/The-Black-AndroidsA-Chrestomathy.

**Didier:2018:OAG**

[Did18]

Emmanuel Didier. Open-access genomic databases: A profit-making tool? *Historical Studies in the Natural Sciences*, 48(5): 659–672, November 2018. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic).

**Dimoia:2014:BRP**

[Dim14]

John P. Dimoia. Book review: Projecting the future? the shifting boundaries of postwar American science. *Biomedical Computing: Digitizing Life in the United States*, by Joseph A. November; *Instrumental Community: Probe Microscopy and the Path to Nanotechnology*, by Cyrus C. M. Mody. *Genentech: Beginnings of Biotech*, by Sally Smith Hughes. *The Visioneers: How a Group of Elite Scientists Pursued Space Colonies, Nanotechnologies, and a Limitless Future*, by W. Patrick McCray. *Historical Studies in the Natural Sciences*, 44(1):90–98, February 2014. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2014.44.1.90>.

**DiMoia:2024:PCT**

[DiM24]

John P. DiMoia. Placing computer technology in context. *Historical Studies in the Natural Sciences*, 54(1):95–??, February 2024. CODEN ????? ISSN 1939-

- 1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/54/1/95/200199/Placing-Computer-Technology-in-Context>.
- [DIR91] **DeMaria:1991:DCR**  
M. De Maria, M. G. Ianniello, and A. Russo. The discovery of cosmic rays: Rivalries and controversies between Europe and the United States. *Historical Studies in the Physical and Biological Sciences*, 22(1): 165–192, 1991. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757676>.
- [DK24] **Dunning:2024:ITT**  
David E. Dunning and Judith R. H. Kaplan. Interdisciplinary team teaching. *Historical Studies in the Natural Sciences*, 54(1):99–??, February 2024. CODEN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/54/1/99/200197/Interdisciplinary-Team-Teaching>.
- [DL09] **Dejong-Lambert:2009:ELE**  
William Dejong-Lambert. From eugenics to Lysenkoism: The evolution of Stanislaw Skowron. *Historical Studies in the Natural Sciences*, 39(3):269–299, August 2009. CODEN 1939-1811 (print), 1939-182X (electronic).
- [DL11] **Daston:2011:HSO**  
Lorraine Daston and Elizabeth Lunbeck, editors. *Histories of scientific observation*. University of Chicago Press, Chicago, IL, USA, 2011. ISBN 0-226-13677-9 (hardcover), 0-226-13678-7 (paperback). 460 + 1 pp. LCCN Q174.8 .H57 2011.
- [dM48] **deMilt:1948:CWC**  
Clara de Milt. Carl Weltzein and the Congress at Karlsruhe. *Chymia: Annual Studies in the History of Chemistry*, 1(??): 153–169, 1948. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757121>.
- [DM06] **Dorries:2006:ICC**  
Matthias Dörries and Christophe Masutti. Introduction: Changing climate — modeling climate. *Historical Studies in the Physical and Biological Sciences*, 37(1):1–2, September 2006. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Dmi04] **Dmitriev:2004:SDS**  
Igor S. Dmitriev. Scientific discovery in statu nascendi: The case of Dmitrii Mendeleev’s Periodic Law. *Historical Studies in the Physical and Biological Sciences*, 34(2):233–275, March 2004. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

- [Doi09] **Doing:2009:VRS**  
 Park Doing. *Velvet Revolution at the synchrotron: biology, physics, and change in science*. Inside technology. MIT Press, Cambridge, MA, USA, 2009. ISBN 0-262-04255-X (hardcover). viii + 152 pp. LCCN QC51.N7 D65 2009.
- [Dol76] **Dolby:1976:DTS**  
 R. G. A. Dolby. Debates over the theory of solution: a study of dissent in physical chemistry in the English-speaking world in the late Nineteenth and early Twentieth Centuries. *Historical Studies in the Physical Sciences*, 7(??):297–404, ??? 1976. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757359>.
- [Don67] **Donghi:1967:CRP**  
 Leticá Halperín Donghí. Chemistry in the rio de la plata at the end of the colonial epoch. *Chymia: Annual Studies in the History of Chemistry*, 12(??): 119–126, ??? 1967. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757276>.
- [Dor75] **Doran:1975:OCF**  
 Barbara Giusti Doran. Origins and consolidation of field theory in Nineteenth-Century Britain: From the mechanical to the electromagnetic view of nature. *Historical Studies in the Physical Sciences*, 6(??): 133–260, ??? 1975. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757342>.
- [Dör91] **Dorries:1991:PHA**  
 Matthias Dörries. Prior history and aftereffects: Hysteresis and “Nachwirkung” in 19th-Century physics. *Historical Studies in the Physical and Biological Sciences*, 22(1):25–55, ??? 1991. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757672>.
- [Dör95] **Dorries:1995:HKP**  
 Matthias Dörries. Heinrich Kayser as philologist of physics. *Historical Studies in the Physical and Biological Sciences*, 26(1):1–33, ??? 1995. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Dör06] **Dorries:2006:PEV**  
 Matthias Dörries. In the public eye: Volcanology and climate change studies in the 20th Century. *Historical Studies in the Physical and Biological Sciences*, 37(1):87–125, September 2006. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Dör12] **Dorries:2012:BRL**  
 Matthias Dörries. Book review: Life, language, and science: Hans-Jörg Rheinberger’s

- historical epistemology: *An Epistemology of the Concrete: Twentieth-Century Histories of Life* by Hans-Jörg Rheinberger; *On Historicizing Epistemology: An Essay by Hans-Jörg Rheinberger*. *Historical Studies in the Natural Sciences*, 42(1):71–82, February 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2012.42.1.71>. See [Rhe10a, Rhe10b].
- [Dör20] Matthias Dörries. Hot climate, Cold War. *Historical Studies in the Natural Sciences*, 50(1–2):67–73, April 2020. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Dör21] Matthias Dörries. The art of listening: Hugo Benioff, seismology, and music. *Historical Studies in the Natural Sciences*, 51(4):468–??, September 2021. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/51/4/468/118596/The-Art-of-ListeningHugo-Benioff-Seismology-and>.
- [DPPdD11] Apostolos Doxiadis, Christos H. Papadimitriou, Alecos Papadatos, and Annie di Donna. *Logi-comix: an epic search for truth*. Bloomsbury, New York, NY, USA, 2011. ISBN 1-59691-452-1. 347 pp. LCCN PN6790.D69 L64 2009.
- [DR50] Claude Deischer and Joseph L. Rabinowitz. The owl of Heinrich Khunrath: Its origin and significance. *Chymia: Annual Studies in the History of Chemistry*, 3(??):ii + 243–250, ???? 1950. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757142>.
- [DR89] M. De Maria and A. Russo. Cosmic ray romancing: The discovery of the latitude effect and the Compton–Millikan controversy. *Historical Studies in the Physical and Biological Sciences*, 19(2):211–266, ???? 1989. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757626>.
- [Dru20] Petr A. Druzhinin. The first publication of Mendeleev’s periodic system of elements: A new chronology. *Historical Studies in the Natural Sciences*, 50(1–2):129–182, April 2020. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Dry19] Theodora Dryer. The new critical history of surveillance and

- human data. *Historical Studies in the Natural Sciences*, 49(5): 556–565, November 2019. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Dun23] Katy Duncan. Between the mountain, the meadow, the calm, and the storm: Exner’s and Elster and Geitel’s electrical atmospheres. *Historical Studies in the Natural Sciences*, 53(4):349–??, September 2023. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/53/4/349/197391/Between-the-Mountain-the-Meadow-the-Calm-and-the->
- [Duv53] Denis I. Duveen. Madame Lavoisier 1758–1836. *Chymia: Annual Studies in the History of Chemistry*, 4(??):13–29, ????? 1953. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757161>.
- [Duv67] Clément Duval. Pilatre de Rozier (1754–1785), chemist and first aeronaut. *Chymia: Annual Studies in the History of Chemistry*, 12(??):99–117, ????? 1967. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757275>.
- [DW49] Denis I. Duveen and Antoine Willemart. Some Sev-
- enteenth Century chemists and alchemists of Lorraine. *Chymia: Annual Studies in the History of Chemistry*, 2(??):111–117, ????? 1949. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757137>.
- [Eck87] Michael Eckert. Propaganda in science: Sommerfeld and the spread of the electron theory of metals. *Historical Studies in the Physical and Biological Sciences*, 17(2):191–233, ????? 1987. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757582>.
- [Eck88] Michael Eckert. Neutrons and politics: Maier–Leibnitz and the emergence of pile neutron research in the FRG. *Historical Studies in the Physical and Biological Sciences*, 19(1): 81–113, ????? 1988. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757617>.
- [Eck90] Michael Eckert. Primacy doomed to failure: Heisenberg’s role as scientific adviser for nuclear policy in the FRG. *Historical Studies in the Physical and Biological Sciences*, 21(1):29–58, ????? 1990. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (elec-

- tronic). URL <http://www.jstor.org/stable/27757654>.
- [Ede48] **Edelstein:1948:PSW**  
 Sidney M. Edelstein. Priestley settles the water controversy. *Chymia: Annual Studies in the History of Chemistry*, 1 (??):123–137, ??? 1948. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757119>.
- [Ede59] **Edelstein:1959:CRA**  
 Sidney M. Edelstein. The chemical revolution in America from the pages of the “*Medical Repository*”. *Chymia: Annual Studies in the History of Chemistry*, 5 (??):155–179, ??? 1959. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757183>.
- [Edi02] **Editors:2002:F**  
 Guest Editors. Foreword. *Historical Studies in the Physical and Biological Sciences*, 33(1): 1–2, September 2002. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Edm06] **Edmond:2006:LEM**  
 Rod Edmond. *Leprosy and empire: a medical and cultural history*. Cambridge social and cultural histories. Cambridge University Press, Cambridge, UK, 2006. ISBN 0-521-86584-0. x + 255 pp. LCCN RC154.4 .E36 2006. URL <http://www.h-net.org/review/hrev-a0f5c6-aa>;
- [EG80] **Earman:1980:REB**  
 John Earman and Clark Glymour. Relativity and eclipses: The British Eclipse Expeditions of 1919 and their predecessors. *Historical Studies in the Physical Sciences*, 11(1):49–85, ??? 1980. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757471>.
- [Eis16] **Eisler:2016:MRS**  
 Matthew N. Eisler. Materials research, super batteries, and the technopolitics of electric automobility. *Historical Studies in the Natural Sciences*, 46(1): 44–66, February 2016. CODEN ??? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Elk70] **Elkana:1970:HKI**  
 Yehuda Elkana. Helmholtz’ “Kraft”: An illustration of concepts in flux. *Historical Studies in the Physical Sciences*, 2 (??):263–298, ??? 1970. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757308>;
- <http://www.loc.gov/catdir/enhancements/fy0733/2007277435-b.html>;  
<http://www.loc.gov/catdir/enhancements/fy0733/2007277435-d.html>;  
<http://www.loc.gov/catdir/enhancements/fy0733/2007277435-t.html>.

**Elman:2012:ITS**

- [Elm12] Benjamin A. Elman. It took a scientist to historicize one! *Historical Studies in the Natural Sciences*, 42(5):500–503, November 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.500.pdf>.

**Endersby:2007:GPH**

- [End07] Jim Endersby. *A guinea pig's history of biology*. Harvard University Press, Cambridge, MA, USA, 2007. ISBN 0-674-02713-2. xii + 499 pp. LCCN QH431 .E615 2007. URL <http://www.loc.gov/catdir/toc/ecip0718/2007020824.html>.

**Ericson:2023:PTC**

- [Eri23] Kjell David Ericson. The puzzle of the thinly coated pearl: Aquacultural ecology and the politics of density in Ago Bay. *Historical Studies in the Natural Sciences*, 53(3):256–??, June 2023. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/53/3/256/196658/The-Puzzle-of-the-Thinly-Coated-PearlAquacultural>.

**Esposito:2015:MTP**

- [Esp15] Maurizio Esposito. More than the parts: W. E. Ritter, the Scripps Marine Association, and the organismal conception of

life. *Historical Studies in the Natural Sciences*, 45(2):273–302, April 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2015.45.2.273>.

**Fabian:2010:SCR**

- [Fab10] Ann Fabian. *The skull collectors: race, science, and America's unburied dead*. University of Chicago Press, Chicago, IL, USA, 2010. ISBN 0-226-23348-0 (hardcover). xi + 270 pp. LCCN GN90 .F33 2010.

**Falconer:1988:JJT**

- [Fal88] Isobel Falconer. J. J. Thomson's work on positive rays, 1906–1914. *Historical Studies in the Physical and Biological Sciences*, 18(2):265–310, ???? 1988. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757604>.

**Farber:1950:BAS**

- [Far50] Eduard Farber. Bio-active substances in the Nineteenth Century. *Chymia: Annual Studies in the History of Chemistry*, 3(??):63–76, ???? 1950. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757146>.

**Farber:1961:ESC**

- [Far61] Eduard Farber. Early studies concerning time in chemical reactions. *Chymia: Annual Studies in the History of Chemistry*,

7(?):135–148, ??? 1961. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757210>.

**Farber:1962:DMH**

[Far62] Eduard Farber. The development of metal hydride chemistry. *Chymia: Annual Studies in the History of Chemistry*, 8(?):165–180, ??? 1962. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757223>.

**Farber:1964:TEN**

[Far64a] Eduard Farber. The theory of the elements and nucleosynthesis in the Nineteenth Century. *Chymia: Annual Studies in the History of Chemistry*, 9(?):181–200, ??? 1964. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757240>.

**Farrar:1964:SBC**

[Far64b] W. V. Farrar. Sir B. C. Brodie and his calculus of chemical operations. *Chymia: Annual Studies in the History of Chemistry*, 9(?):169–179, ??? 1964. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757239>.

**Farber:1965:IOR**

[Far65] Eduard Farber. Induced oxidation–reduction processes, the history of a chemical paradox. *Chymia: Annual Studies in the History of Chemistry*,

10(?):121–181, ??? 1965. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757249>.

**Farber:1966:CPW**

[Far66] Eduard Farber. From chemistry to philosophy: The way of Alwin Mittasch (1869–1953). *Chymia: Annual Studies in the History of Chemistry*, 11(?):157–178, ??? 1966. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757266>.

**Feffer:1989:ASJ**

[Fef89] Stuart M. Feffer. Arthur Schuster, J. J. Thomson, and the discovery of the electron. *Historical Studies in the Physical and Biological Sciences*, 20(1):33–61, ??? 1989. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757634>.

**Feffer:1992:ACP**

[Fef92] Stuart M. Feffer. Atoms, cancer, and politics: Supporting atomic science at the University of Chicago, 1944–1950. *Historical Studies in the Physical and Biological Sciences*, 22(2):233–261, ??? 1992. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757682>.

**Feldman:1985:AMQ**

[Fel85] Theodore S. Feldman. Applied



- mathematics and the quantification of experimental physics: The example of barometric hypsometry. *Historical Studies in the Physical Sciences*, 15(2): 127–195, 1985. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757551>. [FG98]
- [Feldman:2013:BRT] James W. Feldman. Book review: Testing the nuclear paradox: *Atomic Frontier Days: Hanford and the American West Full Body Burden: Growing Up in the Nuclear Shadow of Rocky Flats The Rise of Nuclear Fear*. *Historical Studies in the Natural Sciences*, 43(4): 531–538, September 2013. CODEN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2013.43.4.531>. [FG99]
- [Fester:1962:CCA] G. A. Fester. Copper and copper alloys in Ancient Argentina. *Chymia: Annual Studies in the History of Chemistry*, 8(??):21–31, 1962. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757215>. [FH11]
- [Frederick-Frost:2017:LMH] K. M. Frederick-Frost. For the love of a mother — Henry Moseley’s rare earth research. *Historical Studies in the Natural Sciences*, 47(4):529–567, September 2017. ISSN 1939-1811 (print), 1939-182X (electronic). [Fox:1998:LWS] Robert Fox and Anna Guagnini. Laboratories, workshops, and sites. Concepts and practices of research in Industrial Europe, 1800–1914. *Historical Studies in the Physical and Biological Sciences*, 29(1):55–140, 1998. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). [Fox:1999:LWS] Robert Fox and Anna Guagnini. Laboratories, workshops, and sites. Concepts and practices of research in industrial Europe, 1800–1914. *Historical Studies in the Physical and Biological Sciences*, 29(2):191–??, 1999. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). [Findlay:2011:AFD] John M. Findlay and Bruce William Hevly. *Atomic frontier days: Hanford and the American West*. Emil and Kathleen Sick series in Western history and biography. Center for the Study of the Pacific Northwest in association with University of Washington Press, Seattle, WA, USA, 2011. ISBN 0-295-99097-X (paperback). xv + 368 pp. LCCN TD898.12.W2 F56 2011.

- [FH19] David Fedman and Martin Hood. Hotly debated ice: Scholar alpinism and the great glacier controversy in Modern Japan. *Historical Studies in the Natural Sciences*, 49(3):273–299, June 2019. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic).
- [FHW75] Paul Forman, John L. Heilbron, and Spencer Weart. Physics circa 1900: Personnel, funding, and productivity of the academic establishments. *Historical Studies in the Physical Sciences*, 5(??):1–185, 1975. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757335>.
- [Fig66] N. A. Figurovskii. The history of chemistry in Ancient Russia. *Chymia: Annual Studies in the History of Chemistry*, 11(??):45–79, 1966. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757259>.
- [Fin13] Diarmid A. Finnegan. Book reviews: Making science, making geography: K. Maria D. Lane, *Geographies of Mars: Seeing and Knowing the Red Planet*. Chicago: University of Chicago Press, 2010. xiii + 266 pp., illus., index. ISBN 978-0-226-47078-8. \$45.00 (cloth).; S. M. Reid-Henry, *Cuban Cure: Reason and Resistance in Global Science*. Chicago: University of Chicago Press, 2010. xii + 200 pp., illus., index. ISBN 978-0-226-70917-8. \$39.00 (cloth).; Helen Tilley, *Africa as a Living Laboratory: Empire, Development and the Problem of Scientific Knowledge, 1870–1950*. Chicago: University of Chicago Press, 2011. xiv + 496 pp., illus., index. ISBN 978-0-226-80347-0. \$29.00 (paper). *Historical Studies in the Natural Sciences*, 43(1):113–119, February 2013. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2013.43.1.113.pdf>.
- [Fin21] Diarmid A. Finnegan. Of snails and salvation: The theological construction of John Thomas Gulick’s theory of evolution. *Historical Studies in the Natural Sciences*, 51(5):567–??, November 2021. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/51/5/567/119068/Of-Snails-and-SalvationThe-Theological>.
- [Fle00a] James Rodger Fleming. Storms, strikes, and surveillance: The U.S. Army Signal Office, 1861–

1891. *Historical Studies in the Physical and Biological Sciences*, 30(2):315–332, 2000. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Fleming:2000:F**

[Fle00b] James Roger Fleming. Foreword. *Historical Studies in the Physical and Biological Sciences*, 30(2):307–??, 2000. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Fleming:2006:PHW**

[Fle06] James Rodger Fleming. The pathological history of weather and climate modification: Three cycles of promise and hype. *Historical Studies in the Physical and Biological Sciences*, 37(1):3–25, September 2006. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Fleetwood:2020:BRS**

[Fle20] Lachlan Fleetwood. Book reviews: Science in India and Indians in science: [David Arnold. *Toxic Histories: Poison and Pollution in Modern India*. Cambridge: Cambridge University Press, 2016. ix + 241 pp., illus., index. ISBN 978-1-107-12697-8. \$49.99 (paper). Pankaj Sekhsaria. *Instrumental Lives: An Intimate Biography of an Indian Laboratory*. Abingdon: Routledge, 2018. xxii + 126 pp., illus., index.

ISBN 978-1-138-58767-0. \$60.00 (hardcover). Joydeep Sen. *Astronomy in India*, 1784 1876. London: Pickering & Chatto, 2014. xiii + 268 pp., illus., index. ISBN 978-1-781-44078-0. \$99.00 (hardcover)]. *Historical Studies in the Natural Sciences*, 50(3):302–310, June 2020. CODEN 2000. ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/50/3/302/110323/Science-in-India-and-Indians-in-Science>.

**Fisher:2016:SII**

[FM16] Amy A. Fisher and Joseph D. Martin. Special issue introduction: Emerging prospects for history of the physical sciences. *Historical Studies in the Natural Sciences*, 46(3):261–269, June 2016. CODEN 2000. ISSN 1939-1811 (print), 1939-182X (electronic).

**Forbes:1949:WNA**

[For49] R. J. Forbes. Was Newton an alchemist? *Chymia: Annual Studies in the History of Chemistry*, 2(??):27–36, 1949. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757130>.

**Forbes:1953:OA**

[For53] R. J. Forbes. On the origin of alchemy. *Chymia: Annual Studies in the History of Chemistry*, 4(??):1–11, 1953. CODEN CHYMAP. ISSN 0095-

9367. URL <http://www.jstor.org/stable/27757160>.

**Forman:1970:ALA**

- [For70] Paul Forman. Alfred Landé and the Anomalous Zeeman Effect, 1919–1921. *Historical Studies in the Physical Sciences*, 2(?): 153–261, 1970. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757307>.

**Forman:1971:WCC**

- [For71] Paul Forman. Weimar culture, causality, and quantum theory, 1918–1927: Adaptation by German physicists and mathematicians to a hostile intellectual environment. *Historical Studies in the Physical Sciences*, 3(?):1–115, 1971. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757315>.

**Forman:1987:BQE**

- [For87] Paul Forman. Behind quantum electronics: National security as basis for physical research in the United States, 1940–1960. *Historical Studies in the Physical and Biological Sciences*, 18(1):149–229, 1987. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757599>.

**Forman:2007:HLM**

- [For07] Paul Forman. How Lewis Mumford saw science, and art,

and himself. *Historical Studies in the Physical and Biological Sciences*, 37(2):271–336, March 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Fortun:2008:PGI**

- [For08] Michael Fortun. *Promising genomics: Iceland and deCODE Genetics in a world of speculation*. University of California Press, Berkeley, CA, USA, 2008. ISBN 0-520-24750-7 (cloth), 0-520-24751-5 (paperback). x + 330 pp. LCCN QH438.7 .F67 2008. URL <http://www.loc.gov/catdir/toc/ecip083/2007044597.html>.

**Fox:1974:RFL**

- [Fox74] Robert Fox. The rise and fall of Laplacian physics. *Historical Studies in the Physical Sciences*, 4(?):89–136, 1974. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757328>.

**Fujimura:2020:REA**

- [FR20] Joan H. Fujimura and Ramya M. Rajagopalan. Race, ethnicity, ancestry, and genomics in Hawai'i: Discourses and practices. *Historical Studies in the Natural Sciences*, 50(5):596–??, November 2020. CODEN HSPSEW. ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/50/5/596/114256/>

Race-Ethnicity-Ancestry-  
and-Genomics-in-Hawai.

**Frankel:1977:JBB**

- [Fra77] Eugene Frankel. J. B. Biot and the mathematization of experimental physics in Napoleonic France. *Historical Studies in the Physical Sciences*, 8(?): 33–72, 1977. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757367>.

**Franklin:1981:MPU**

- [Fra81] Allan D. Franklin. Millikan's published and unpublished data on oil drops. *Historical Studies in the Physical Sciences*, 11(2):185–201, 1981. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757478>.

**Frankel:1982:DRA**

- [Fra82] Henry Frankel. The development, reception, and acceptance of the Vine–Matthews–Morley hypothesis. *Historical Studies in the Physical Sciences*, 13(1):1–39, 1982. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757504>.

**Franklin:1983:DAC**

- [Fra83] Allan Franklin. The discovery and acceptance of CP violation. *Historical Studies in the Physical Sciences*, 13(2):

207–238, 1983. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757515>.

**Freudenthal:1981:EEB**

[Fre81] Gad Freudenthal. Early electricity between chemistry and physics: The simultaneous itineraries of Francis Hauksbee, Samuel Wall, and Pierre Polinière. *Historical Studies in the Physical Sciences*, 11(2):203–229, 1981. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757479>.

**Frenkel:1997:YIF**

[Fre97] Victor Ya Frenkel. Yakov Ilich Frenkel: Sketches toward a civic portrait. *Historical Studies in the Physical and Biological Sciences*, 27(2):197–236, 1997. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Freire:2005:SED**

[Fre05] Olival Freire Jr. Science and exile: David Bohm, the Cold War, and a new interpretation of quantum mechanics. *Historical Studies in the Physical and Biological Sciences*, 36(1): 1–34, September 2005. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Friedman:1977:CNS**

- [Fri77] Robert Marc Friedman. The creation of a new science: Joseph Fourier's *Analytical Theory of Heat*. *Historical Studies in the Physical Sciences*, 8(??):73–99, ??? 1977. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757368>.

**Friedman:1989:TCQ**

- [Fri89] Robert Marc Friedman. Text, context, and quicksand: Method and understanding in studying the Nobel Science Prizes. *Historical Studies in the Physical and Biological Sciences*, 20(1):63–77, ??? 1989. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757635>.

**Friedman:2007:TIJ**

- [Fri07] Robert Marc Friedman. Tolerance and integrity at Johns Hopkins. *Historical Studies in the Physical and Biological Sciences*, 37(2):463–474, March 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Fullmer:1960:PSH**

- [Ful60] J. Z. Fullmer. The poetry of Sir Humphry Davy. *Chymia: Annual Studies in the History of Chemistry*, 6(??):102–126, ??? 1960. CODEN CHYMAP. ISSN

0095-9367. URL <http://www.jstor.org/stable/27757194>.

**Fullmer:1962:HDA**

- [Ful62] J. Z. Fullmer. Humphry Davy's adversaries. *Chymia: Annual Studies in the History of Chemistry*, 8(??):147–164, ??? 1962. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757222>.

**Fullmer:1964:HDC**

- [Ful64] J. Z. Fullmer. Humphry Davy's critical abstracts. *Chymia: Annual Studies in the History of Chemistry*, 9(??):97–115, ??? 1964. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757235>.

**Fullmer:1967:DSH**

- [Ful67] J. Z. Fullmer. Davy's sketches of his contemporaries. *Chymia: Annual Studies in the History of Chemistry*, 12(??):127–150, ??? 1967. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757277>.

**Fetter-Vorm:2013:TGH**

- [FV13] Jonathan Fetter-Vorm. *Trinity: a graphic history of the first atomic bomb*. Novel graphics. Hill and Wang: a division of Farrar, Straus and Giroux, New York, NY, USA, 2013. ISBN 0-8090-9355-3. 154 pp. LCCN QC773.3.U5 F47 2013.

- [Fyf12] **Fyfe:2012:SPK**  
 Aileen Fyfe. *Steam-powered knowledge: William Chambers and the business of publishing, 1820–1860*. University of Chicago Press, Chicago, IL, USA, 2012. ISBN 0-226-27651-1 (hardcover). xvi + 313 pp. LCCN Z325.C44 F94 2012.
- [Gal79] **Galison:1979:MST**  
 Peter Louis Galison. Minkowski’s space–time: From visual thinking to the absolute world. *Historical Studies in the Physical Sciences*, 10(??):85–121, ??? 1979. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757388>.
- [Gal82] **Galison:1982:TPE**  
 Peter Galison. Theoretical predispositions in experimental physics: Einstein and the gyromagnetic experiments, 1915–1925. *Historical Studies in the Physical Sciences*, 12(2):285–323, ??? 1982. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757498>.
- [Gal23] **Galka:2023:OOD**  
 Jonathan Galka. Oceans of ooze: Deep-sea sedimentary data, mineral resource frontiers, and Imperial continuities in ocean history. *Historical Studies in the Natural Sciences*, 53(5):481–??, November 2023.
- [Gan53] **Galizenmueller:1953:ZGA**  
 W. Galizenmueller. Zukunftsaufgaben der Geschichte der Alchemie. (German) [Future tasks in the history of alchemy]. *Chymia: Annual Studies in the History of Chemistry*, 4(??):31–36, ??? 1953. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757162>.
- [Gar70] **Garber:1970:CMK**  
 Elizabeth Wolfe Garber. Clausius and Maxwell’s kinetic theory of gases. *Historical Studies in the Physical Sciences*, 2(??):299–319, ??? 1970. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757309>.
- [Gar78] **Garber:1978:MSL**  
 Elizabeth Garber. Molecular science in late-Nineteenth-Century Britain. *Historical Studies in the Physical Sciences*, 9(??):265–297, ??? 1978. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757380>.
- CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/53/5/481/198192/Oceans-of-OozeDeep-Sea-Sedimentary-Data-Mineral>.

- [Gar09] **Garber:2009:BRU**  
Margaret D. Garber. Book reviews: Untwisting the Greene Lyon's Tale: Deborah E. Harkness. *The Jewel House: Elizabethan London and the Scientific Revolution*. New Haven: Yale University Press, 2007. xviii + 349 pp., illus., index. ISBN: 978-0-300-11196-5. \$32.50 (cloth). Lauren Kassell. *Medicine and Magic in Elizabethan London: Simon Forman: Astrologer, Alchemist & Physician*. Oxford: Clarendon Press, 2005. xviii + 281 pp., illus., index. ISBN: 0-19-927905-5, 978-0-19-927905-0. \$90.00 (cloth). Bruce Moran. *Distilling Knowledge: Alchemy, Chemistry, and the Scientific Revolution*. Cambridge, MA: Harvard University Press, 2005. 210 pp., illus., index. ISBN: 0-674-01495-2. \$24.95 (cloth). Tara Nummedal. *Alchemy and Authority in the Holy Roman Empire*. Chicago: University of Chicago Press, 2007. xvii + 260 pp., illus., index. ISBN-13: 978-0-226-60856-3. \$37.50 (cloth). *Historical Studies in the Natural Sciences*, 39(4):491–500, November 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Gar12] **Garber:2012:I**  
Daniel Garber. Incommensurabilities. *Historical Studies in the Natural Sciences*, 42(5): 504–509, November 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.504.pdf>.
- [Gas96] **Gasca:1996:MTV**  
Ana Millán Gasca. Mathematical theories versus biological facts: a debate on mathematical population dynamics in the 1930s. *Historical Studies in the Physical and Biological Sciences*, 26(2):347–403, ??? 1996. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Gas21] **Gaston:2021:EW**  
Pablo Gastón. The essential worker. *Historical Studies in the Natural Sciences*, 51(1):146–??, February 2021. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/51/1/146/116285/The-Essential-Worker>.
- [Gau08] **Gaukroger:2008:ESC**  
Stephen Gaukroger. *The emergence of a scientific culture: science and the shaping of modernity 1210–1685*. Oxford University Press, Walton Street, Oxford OX2 6DP, UK, 2008. ISBN 0-19-929644-8 (hardcover), 0-19-955001-8 (paperback). ix + 563 pp. LCCN BL240.3 .I58 v. 199. US\$19.99. URL <http://www.gbv.de/dms/bowker/toc/9780199550012>.



- [Gau10] **Gausemeier:2010:GMP**  
 Bernd Gausemeier. Genetics as a modernization program: Biological research at the Kaiser Wilhelm Institutes and the political economy of the Nazi State. *Historical Studies in the Natural Sciences*, 40(4):429–456, Fall 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2010.40.4.429>.
- [Gav90] **Gavroglu:1990:RBP**  
 Kostas Gavroglu. The reaction of the British physicists and chemists to van der Waals' early work and to the Law of Corresponding States. *Historical Studies in the Physical and Biological Sciences*, 20(2):199–237, ???? 1990. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757643>.
- [GB89] **Galison:1989:LSD**  
 Peter Galison and Barton Bernstein. In any light: Scientists and the decision to build the superbomb, 1952–1954. *Historical Studies in the Physical and Biological Sciences*, 19(2):267–347, ???? 1989. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757627>.
- [GD59] **Gorman:1959:HSA**  
 Mel Gorman and Charles Doering. History of the structure of acetone. *Chymia: Annual Studies in the History of Chemistry*, 5(??):202–208, ???? 1959. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757186>.
- [Gep11] **Geppert:2011:IOS**  
 Alexander C. T. Geppert, editor. *Imagining outer space: European astroculture in the twentieth century*. Palgrave Macmillan, Houndmills, Basingstoke, Hampshire, UK, 2011. ISBN 0-230-23172-1 (hardcover). xvii + 393 pp. LCCN TL789.6.E9 I43 2012. URL <http://www.netread.com/jcusers2/bk1388/726/9780230231726/image/lgcover.9780230231726.jpg>.
- [Ger21] **Gere:2021:SRC**  
 Cathy Gere. “Shovel-Ready”: The commons and the climate crisis. *Historical Studies in the Natural Sciences*, 51(4):542–??, September 2021. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/51/4/542/118592/Shovel-Ready-The-Commons-and-the-Climate-Crisis>.
- [GG50] **Ganzenmueller:1950:WGB**  
 W. Ganzenmueller and W. Ganzenmüller. Wandlungen in der geschichtlichen Betrachtung der Alchemie. (German) [Transformations in the historical view of alchemy]. *Chymia:*

- Annual Studies in the History of Chemistry*, 3(??):143–154, ????. 1950. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757150>. [Gif20]
- Galdabini:1988:PIB**
- [GG88] Silvana Galdabini and Giuseppe Giuliani. Physics in Italy between 1900 and 1940: The universities, physicists, funds, and research. *Historical Studies in the Physical and Biological Sciences*, 19(1):115–136, ????. 1988. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757618>. [Gil92]
- Gribbe:2017:EGM**
- [GH17] Johan Gribbe and Olof Halonsten. The emergence and growth of materials science in Swedish universities. *Historical Studies in the Natural Sciences*, 47(4):459–493, September 2017. ISSN 1939-1811 (print), 1939-182X (electronic). [Gil07]
- Gibbs:2012:RBK**
- [Gib12] Frederick W. Gibbs. Riding the bicycle of Kuhn’s structure. *Historical Studies in the Natural Sciences*, 42(5):510–513, November 2012. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.510.pdf>. [Gil08]
- Giffard:2020:ENS**
- Hermione Giffard. Exploiting Nazi science and technology and the history of technology transfer. *Historical Studies in the Natural Sciences*, 50(1–2):199–208, April 2020. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic).
- Gillispie:1992:SSW**
- Charles Coulston Gillispie. Science and secret weapons development in Revolutionary France, 1792–1804: a documentary history. *Historical Studies in the Physical and Biological Sciences*, 23(1):35–152, ????. 1992. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757692>.
- Gillispie:2007:ERH**
- Charles Coulston Gillispie. *Essays and reviews in history and history of science*, volume 96, part 5 of *Transactions of the American Philosophical Society*. American Philosophical Society, Philadelphia, PA, USA, 2007. ISBN 0-87169-965-6 (paperback). xix + 424 pp. LCCN Q126.8 .G55 2006. URL <http://www.loc.gov/catdir/toc/fy0710/2006052602.html>.
- Gillispie:2008:BRA**
- Charles C. Gillispie. Book review: Atop Mont Blanc: Bursting the Limits of Time: *The*

- Reconstruction of Geohistory in the Age of Revolution*, by Martin J. S. Rudwick. Chicago and London: University of Chicago Press, 2005. xxiv + 708 pp., illus., index. \$45.00 (cloth), \$35.00 (paper). *Historical Studies in the Natural Sciences*, 38(1):163–171, February 2008. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). [GM12]
- [Gil23] Scott F. Gilbert. Shells, gills, and gonads: On the remarkable persistence of oysters in the Chesapeake Bay. *Historical Studies in the Natural Sciences*, 53(3):221–??, June 2023. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/53/3/221/196655/Shell-and-GonadsOn-the-Remarkable>. [Gilbert:2023:SGG]
- [Gis11] Snait B. Gissis. Visualizing “race” in the Eighteenth Century. *Historical Studies in the Natural Sciences*, 41(1):41–103, Winter 2011. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2011.41.1.41>. [Gissis:2011:VRE]
- [Gli08] Sander Gliboff. *H. G. Bronn, Ernst Haeckel, and the origins of German Darwinism: a study in translation and transformation*. Transformations. MIT Press, Cambridge, MA, USA, 2008. ISBN 0-262-07293-9 (hardcover). xii + 259 pp. LCCN QH366.2 .G55 2008. URL <http://www.loc.gov/catdir/toc/ecip081/2007039859.html>. [Gordin:2012:RMT]
- [God49] Michael D. Gordin and Erika Lorraine Milam. A repository for more than anecdote: Fifty years of the structure of scientific revolutions. *Historical Studies in the Natural Sciences*, 42(5):476–478, November 2012. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.476.pdf>. [Gode:1949:HAI]
- [Gol60] Edward D. Goldberg. Chemists and the oceans. *Chymia: Annual Studies in the History of Chemistry*, 2(??):51–56, ??? 1949. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757133>. [Goldberg:1960:CO]
- [Gol70] Stanley Goldberg. In defense of ether: The British response

to Einstein's Special Theory of Relativity, 1905–1911. *Historical Studies in the Physical Sciences*, 2(??):89–125, ????. 1970. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757305>.

**Goldberg:1976:MPP**

[Gol76] Stanley Goldberg. Max Planck's philosophy of nature and his elaboration of the Special Theory of Relativity. *Historical Studies in the Physical Sciences*, 7(??):125–160, ????. 1976. CODEN HSPSAS. ISBN 0-691-08169-7. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757355>.

**Golan:2000:BWD**

[Gol00] Tal Golan. Blood will out: Distinguishing humans from animals and scientists from charlatans in the 19th-Century American courtroom. *Historical Studies in the Physical and Biological Sciences*, 31(1):93–124, ????. 2000. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Golinski:2007:BWC**

[Gol07] Jan Golinski. *British weather and the climate of enlightenment*. University of Chicago Press, Chicago, IL, USA, 2007. ISBN 0-226-30205-9 (cloth). xv + 284 pp. LCCN QC989.G69 G66 2007. URL <http://www.h-net.org/review/hrev-a0f8a2-aa>;

<http://www.loc.gov/catdir/enhancements/fy0702/2006031722-t.html>;

<http://www.loc.gov/catdir/enhancements/fy0707/2006031722-b.html>;

<http://www.loc.gov/catdir/enhancements/fy0707/2006031722-d.html>.

**Gold:2010:TEV**

[Gol10] Barri J. Gold. *ThermoPoetics: energy in Victorian literature and science*. MIT Press, Cambridge, MA, USA, 2010. ISBN 0-262-01372-X (hardcover). x + 343 pp. LCCN PR468.S34 G65 2010.

**Golec:2013:BRW**

[Gol13] Michael J. Golec. Book review: In the way of technical images: *Into the Universe of Technical Images; Hide and Seek: Camouflage, Photography, and the Media of Reconnaissance; Histories of Scientific Observation; The Interface: IBM and the Transformation of Corporate Design, 1945–1976*. *Historical Studies in the Natural Sciences*, 43(4): 539–549, September 2013. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2013.43.4.539>.

**Goodman:1969:WAT**

[Goo69] D. C. Goodman. Wollaston and the Atomic Theory of Dalton. *Historical Studies in the Physical Sciences*, 1(??):37–59, ????

1969. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757294>.
- Gooding:1981:FSF**
- [Goo81] David Gooding. Final steps to the field theory: Faraday's study of magnetic phenomena, 1845–1850. *Historical Studies in the Physical Sciences*, 11(2): 231–275, 1981. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757480>.
- Goodstein:1984:WES**
- [Goo84] Judith R. Goodstein. Waves in the earth: Seismology comes to Southern California. *Historical Studies in the Physical Sciences*, 14(2):201–230, 1984. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757533>.
- Good:1991:RFL**
- [Goo91] Gregory A. Good. The Rockefeller Foundation, the Leipzig Geophysical Institute, and National Socialism in the 1930s. *Historical Studies in the Physical and Biological Sciences*, 21(2):299–316, 1991. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757665>.
- Goodman:2003:GHB**
- [Goo03] Michael S. Goodman. The grandfather of the hydrogen bomb?: Anglo–American intelligence and Klaus Fuchs. *Historical Studies in the Physical and Biological Sciences*, 34(1): 1–22, September 2003. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- Gorman:1962:HA**
- [Gor62] Mel Gorman. The history of acetone, 1600–1850. *Chymia: Annual Studies in the History of Chemistry*, 8(??):97–104, 1962. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757220>.
- Gordin:2002:ORM**
- [Gor02] Michael D. Gordin. The organic roots of Mendeleev's periodic law. *Historical Studies in the Physical and Biological Sciences*, 32(2):263–290, March 2002. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- Gordin:2009:RCD**
- [Gor09] Michael D. Gordin. *Red cloud at dawn: Truman, Stalin, and the end of the atomic monopoly*. Farrar, Straus and Giroux, New York, NY, USA, 2009. ISBN 0-374-25682-9. xii + 402 pp. LCCN U264 .G67 2009.
- Gordin:2014:BRT**
- [Gor14a] Michael D. Gordin. Book review: The Tory interpretation of history: *Is Water H<sub>2</sub>O?: Evidence, Realism and Pluralism*, Dordrecht: Springer,

2012. xxi + 316 pp., illus., index. ISBN 978-94-007-3931-4. \$189.00 (hardcover). *Historical Studies in the Natural Sciences*, 44(4):413–423, September 2014. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2014.44.4.413>.
- [Gor14b] Michael D. Gordin. Preface. *Historical Studies in the Natural Sciences*, 44(1):1–2, February 2014. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2014.44.1.1>.
- [Gor17] Michael D. Gordin. The trials of Arnošt K.: The dark angel of dialectical materialism. *Historical Studies in the Natural Sciences*, 47(3):320–348, June 2017. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Gor20] Michael D. Gordin. When national styles were stylish. *Historical Studies in the Natural Sciences*, 50(1–2):11–16, April 2020. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic).
- [GP17] Ignacio García-Pereda. The emergence of forest genetics in Portugal: The works of Joaquim Vieira Natividade (1899–1968) in the Alcobça Cork Oak Station. *Historical Studies in the Natural Sciences*, 47(1):76–106, February 2017. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Gre83] John Greenberg. Geodesy in Paris in the 1730s and the Paduan Connection. *Historical Studies in the Physical Sciences*, 13(2):239–260, ????? 1983. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757516>.
- [Gre07] Jeremy A. Greene. *Prescribing by numbers: drugs and the definition of disease*. The Johns Hopkins University Press, Baltimore, MD, USA, 2007. ISBN 0-8018-8477-2 (hardcover). xv + 318 pp. LCCN RM262.G74 2007.
- [Gre08] Susan Greenhalgh. *Just one child: science and policy in Deng's China*. University of California Press, Berkeley, CA, USA, 2008. ISBN 0-520-25338-8 (hardcover), 0-520-25339-6 (paperback). xxii + 403 + 6 pp. LCCN HQ766.5.C6 G74 2008. URL <http://www.loc.gov/catdir/toc/ecip0727/2007038377.html>.

**Gordin:2014:P****Gordin:2017:TAK****Gordin:2020:WNS****Garcia-Pereda:2017:EFG****Greenberg:1983:GPP****Greene:2007:PND****Greenhalgh:2008:JOC**

- [Gro03a] **Groppi:2003:SBa**  
Susan M. Groppi. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 33(2):405–413, March 2003. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Gro03b] **Groppi:2003:SBb**  
Susan M. Groppi. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 34(1):199–206, September 2003. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Gro04a] **Groppi:2004:SBa**  
Susan M. Groppi. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 34(2):399–406, March 2004. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Gro04b] **Groppi:2004:SBb**  
Susan M. Groppi. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 35(1):161–174, September 2004. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Gro05a] **Groppi:2005:SBa**  
Susan M. Groppi. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 35(2):371–382, March 2005. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Gro05b] **Groppi:2005:SBb**  
Susan M. Groppi. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 36(1):197–205, September 2005. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Gro17] **Grodwohl:2017:MSE**  
Jean-Baptiste Grodwohl. Modeling social evolution, 1964–1973: Inclusive fitness meets population structure. *Historical Studies in the Natural Sciences*, 47(1):1–41, February 2017. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Gro23] **Grote:2023:GT**  
Mathias Grote. Gaia’s tissue. *Historical Studies in the Natural Sciences*, 53(4):434–??, September 2023. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/53/4/434/197389/Gaia-s-Tissue>.
- [Gru95] **Gruber:1995:OSG**  
Carol Gruber. The overhead system in government-sponsored academic science: Origins and early development. *Historical Studies in the Physical and Biological Sciences*, 25(2):241–268, ????? 1995. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Gavroglu:1994:AGB**

- [GS94] Kostas Gavroglu and Ana Simoes. The Americans, the Germans and the beginnings of quantum chemistry. *Historical Studies in the Physical and Biological Sciences*, 25(1):47–110, 1994. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Gaspar:2011:PPR**

- [GS11] Júlia Gaspar and Ana Simões. Physics on the periphery: a research school at the University of Lisbon under Salazar’s dictatorship. *Historical Studies in the Natural Sciences*, 41(3):303–343, Summer 2011. CODEN HSPSEW. ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2011.41.3.303>.

**Garcia-Sancho:2022:HGP**

- [GSLV+22a] Miguel García-Sancho, Rhodri Leng, Gil Viry, Mark Wong, Niki Vermeulen, and James Lowe. The Human Genome Project as a singular episode in the history of genomics. *Historical Studies in the Natural Sciences*, 52(3):320–??, June 2022. CODEN HSPSEW. ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/52/3/320/185531/The-Human-Genome-Project-as-a-Singular-Episode-in>.

**Garcia-Sancho:2022:YSN**

- [GSLV+22b] Miguel García-Sancho, James Lowe, Gil Viry, Rhodri Leng, Mark Wong, and Niki Vermeulen. Yeast sequencing: “Network” genomics and institutional bridges. *Historical Studies in the Natural Sciences*, 52(3):361–??, June 2022. CODEN HSPSEW. ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/52/3/361/185528/Yeast-Sequencing-Network-Genomics-and>.

**Guerlac:1959:SFA**

- [Gue59] Henry Guerlac. Some French antecedents of the chemical revolution. *Chymia: Annual Studies in the History of Chemistry*, 5(??):73–112, 1959. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757178>.

**Guerlac:1961:CLE**

- [Gue61] Henry Guerlac. A curious Lavoisier episode. *Chymia: Annual Studies in the History of Chemistry*, 7(??):103–108, 1961. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757207>.

**Guerlac:1976:CBP**

- [Gue76] Henry Guerlac. Chemistry as a branch of physics: Laplace’s collaboration with Lavoisier. *Historical Studies in the Physical Sciences*, 7(??):193–276, 1976. CODEN HSPSAS. ISSN



- 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757357>.
- Guerrini:2017:I**
- [Gue17] Anita Guerrini. Introduction. *Historical Studies in the Natural Sciences*, 47(3):263–267, June 2017. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic).
- Guenther:2022:HTY**
- [Gue22] Katja Guenther. How to train your analyst. *Historical Studies in the Natural Sciences*, 52(1):123–??, February 2022. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/52/1/123/120498/How-to-Train-Your-Analyst>.
- GomezGutierrez:2011:AMD**
- [GUOB11] Alberto Gómez Gutiérrez, Jorge Tomás Uribe Angel, Pedro Ortiz Valdivieso, and J. E. (Jaime E.) Bernal Villegas. *Academia Mutisiana: documentos pre-neogranadinos de José Celestino Mutis y la promoción de sociedades científicas en la Nueva Granada*. Pontificia Universidad Javieriana, Academia Nacional de Medicina, Bogotá, Colombia, 2011. ISBN 958-716-490-3. 325 pp. LCCN QK31.M8 G655 2011.
- Guttler:2024:AZB**
- [Güt24] Nils Guttler. The airport and the zoo: Behavioral knowledge, animal transport, and the technical environments of aviation, 1940s–1970s. *Historical Studies in the Natural Sciences*, 54(2):135–??, April 2024. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/54/2/135/200664/The-Airport-and-the-ZooBehavioral-Knowledge-Animal>.
- Hartcup:1984:CA**
- [HA84] Guy Hartcup and T. E. Allibone. *Cockcroft and the atom*. Adam Hilger Ltd., Bristol, UK, 1984. ISBN 0-85274-759-4. xii + 320 pp. LCCN QC774.C6 H37 1984. US\$18.95.
- Ha:2015:DSC**
- [Ha15] Nathan Q. Ha. Diagnosing sex chromatin: A binary for every cell. *Historical Studies in the Natural Sciences*, 45(1):49–84, February 2015. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2015.45.1.49>.
- Hackmann:1986:SRN**
- [Hac86] Willem D. Hackmann. Sonar research and naval warfare 1914–1954: a case study of a Twentieth-Century establishment science. *Historical Studies in the Physical and Biological Sciences*, 16(1):83–110, ????? 1986. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (elec-

- tronic). URL <http://www.jstor.org/stable/27757558>.
- [Hac00] Barton Hacker. Military patronage and the geophysical science in the United States: An introduction. *Historical Studies in the Physical and Biological Sciences*, 30(2):309–??, ??? 2000. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Hac14] Joel B. Hagen. Book review: Emerging ecologies: Past, present, and future: *Shaping Ecology: The Life of Arthur Tansley*, by Peter Ayres; *Big Ecology: The Emergence of Ecosystem Science* by David C. Coleman; *Leopold's Shack and Ricketts's Lab: The Emergence of Environmentalism* by Michael J. Lannoo. *Historical Studies in the Natural Sciences*, 44(3):285–295, June 2014. CODEN ??? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2014.44.3.285>.
- [Hal62] Marie Boas Hall. Humanism in chemistry. *Chymia: Annual Studies in the History of Chemistry*, 8(??):33–39, ??? 1962. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757216>.
- [Hal11] Olof Hallonsten. Growing big science in a small country: MAX-lab and the Swedish Research Policy System. *Historical Studies in the Natural Sciences*, 41(2):179–215, Spring 2011. CODEN ??? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2011.41.2.179>.
- [Hal15] Olof Hallonsten. The parasites: Synchrotron radiation at SLAC, 1972–1992. *Historical Studies in the Natural Sciences*, 45(2):217–272, April 2015. CODEN ??? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2015.45.2.217>.
- [Ham08] Jacob Darwin Hamblin. *Poison in the well: radioactive waste in the oceans at the dawn of the nuclear age*. Rutgers University Press, New Brunswick, NJ, USA, 2008. ISBN 0-8135-4220-0 (hardcover). x + 311 pp. LCCN TD898 .H35 2008. URL <http://www.loc.gov/catdir/toc/ecip0715/2007015498.html>.
- [Ham10] Jacob Darwin Hamblin. Book review: Science and Technology for Every Man, Woman, and Child: Zuoyue Wang. *In Sputnik's Shadow: The President's Science Advisory Com-*

- mittee and Cold War America*. Piscataway, NJ: Rutgers University Press, 2008. xiii + 454 pp., illus., index. ISBN 978-0-813-54331-4. \$49.95 (cloth). Lillian Hoddeson, Adrienne W. Kolb, and Catherine Westfall. *Fermilab: Physics, the Frontier, and Megascience*. Chicago: University of Chicago Press, 2008. xi + 497 pp., illus., index. ISBN 978-0-226-34623-6. \$45 (cloth). W. Patrick McCray. *Keep Watching the Skies! The Story of Operation Moonwatch and the Dawn of the Space Age*. Princeton: Princeton University Press, 2008. xiii + 308 pp., illus., index. ISBN 978-0-691-12854-2. \$29.95 (cloth). Michael D. Gordin. *Red Cloud at Dawn: Truman, Stalin, and the End of the Atomic Monopoly*. New York: Farrar, Straus and Giroux, 2009. 416 pp., illus., index. ISBN 978-0-374-25682-1. \$28 (cloth). Dolores L. Augustine. . *Historical Studies in the Natural Sciences*, 40(2):259–267, May 2010. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Ham24]
- [Ham13]
- Hamblin:2013:AMN**
- Jacob Darwin Hamblin. *Arming Mother Nature: the birth of catastrophic environmentalism*. Oxford University Press, Walton Street, Oxford OX2 6DP, UK, 2013. ISBN 0-19-974005-4. x + 298 pp. LCCN GE180 .H35 2013.
- [Ham15]
- Hamza:2024:TGH**
- Shireen Hamza. Teaching the global history of science in a prison classroom. *Historical Studies in the Natural Sciences*, 54(1):102–??, February 2024. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/54/1/102/200196/Teaching-the-Global-History-of-Science-in-a-Prison>.
- Hanle:1979:IBH**
- Paul A. Hanle. Indeterminacy before Heisenberg: The case of Franz Exner and Erwin Schrödinger. *Historical Studies in the Physical Sciences*, 10(??):225–269, ????? 1979. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757391>.
- [Han79]
- Hanson:2012:KSE**
- Marta Hanson. Kuhn’s structure in East Asia. *Historical Studies in the Natural Sciences*, 42(5):514–520, November 2012. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.514.pdf>.
- [Han12]
- Hanson:2015:BRW**
- Craig Ashley Hanson. Book reviews: *Wicked Intelligence: Visual Art and the Science of Experiment in Restoration London*; *Catching Nature in the*

- Act: Réaumur and the Practice of Natural History in the Eighteenth Century; The Triumph of Human Empire: Verne, Morris, and Stevenson at the End of the World. Historical Studies in the Natural Sciences*, 45(3):493–500, June 2015. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2015.45.3.493>.
- [Har05] Jonathan Harwood. *Technology's dilemma: agricultural colleges between science and practice in Germany, 1860–1934*. P. Lang, Oxford, UK, 2005. ISBN 3-03910-299-0 (paperback), 0-8204-6987-4 (US: paperback). 288 pp. LCCN S535.G3 H37 2005.
- [Har06] Kristen Haring. *Ham radio's technical culture*. Inside technology. MIT Press, Cambridge, MA, USA, 2006. ISBN 0-262-08355-8 (hardcover). xvii + 218 pp. LCCN TK9956 .H3626 2007.
- [Har07a] Deborah E. Harkness. *The Jewel house: Elizabethan London and the scientific revolution*. Yale University Press, New Haven, CT, USA, 2007. ISBN 0-300-11196-7. xviii + 349 pp. LCCN Q127.G4 H37 2007. URL <http://www.h-net.org/review/hrev-a0f5v3-aa;>
- [Har07b] Peter Harrison. *The fall of man and the foundations of science*. Cambridge University Press, Cambridge, UK, 2007. ISBN 0-521-87559-5. xi + 300 pp. LCCN BL245 .H355 2007. URL <http://www.loc.gov/catdir/enhancements/fy0833/2007002683-b.html>; <http://www.loc.gov/catdir/enhancements/fy0833/2007002683-d.html>; <http://www.loc.gov/catdir/toc/ecip079/2007002683.html>.
- [Har08] Kristine Harper. *Weather by the numbers: the genesis of modern meteorology*. Transformations. MIT Press, Cambridge, MA, USA, 2008. ISBN 0-262-08378-7. ix + 308 pp. LCCN QC855 .H374 2008. URL <http://www.loc.gov/catdir/toc/ecip081/2007039860.html>.
- [Har09] Mark Harrison. Book reviews: After Empire: Searching for A New Synthesis: Michael Adas. *Dominance by Design: Technological Imperatives and America's Civilizing Mission*. Cambridge, MA: Harvard Belknap Press, 2006. 542 pp., illus., in-

**Harrison:2007:FMF**

**Harwood:2005:TDA**

**Harper:2008:WNG**

**Harkness:2007:JHE**

**Harrison:2009:BRA**

- dex. ISBN 978-0-674-03216-3. \$29.95 (cloth). Anna Crozier. *Practising Colonial Medicine: The Colonial Medical Service in British East Africa*. London: I. B. Tauris, 2007. xiv + 225 pp., illus., index. ISBN 978-1-845-11459-6. \$85.00 (hardback). Rod Edmond. *Leprosy and Empire: A Medical and Cultural History*. Cambridge: Cambridge University Press, 2006. x + 255 pp., illus., index. ISBN 0-521-86584-0. \$90.00 (hardback). Eric T. Jennings. *Curing the Colonizers: Hydrotherapy, Climatology, and French Colonial Spas*. Durham, NC: Duke University Press, 2006. xi + 271 pp., illus., index. ISBN 978-0-822-33822-2. \$74.95 (cloth), \$21.95 (paper). Richard C. Keller. *Colonial Madness: Psychiatry in French North Africa*. Chicag. *Historical Studies in the Natural Sciences*, 39(2):258–268, May 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Har10] Jonathan Harwood. The fate of peasant-friendly plant breeding in Nazi Germany. *Historical Studies in the Natural Sciences*, 40(4):569–603, Fall 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2010.40.4.569>.
- [Har11] John Harwood. *The interface: IBM and the transformation of corporate design, 1945/1976*. A Quadrant book. University of Minnesota Press, Minneapolis, MN, USA, 2011. ISBN 0-8166-7849-9, 0-8166-7039-0. 278 + 8 pp. LCCN HD9696.2.U64. URL <http://site.ebrary.com/lib/alltitles/Doc?id=10519770>.
- [Har24] Penelope K. Hardy. Thinking inside the box. *Historical Studies in the Natural Sciences*, 54(1):105–??, February 2024. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/54/1/105/200204/Thinking-Inside-the-Box>.
- [HdAG06] R. W. Home, Ana M. Ribeiro de Andrade, and Carlos D. Galles. Introduction. *Historical Studies in the Physical and Biological Sciences*, 36(2):209–211, March 2006. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Hec11] David K. Hecht. Constructing a scientist: Expert authority and public images of Rachel Carson. *Historical Studies in the Natural Sciences*, 41(3):277–302, Summer 2011. CODEN ???? ISSN

1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2011.41.3.277>.

**Hecht:2012:BNA**

[Hec12] Gabrielle Hecht. *Being nuclear: Africans and the global uranium trade*. MIT Press, Cambridge, MA, USA, 2012. ISBN 0-262-01726-1 (hardcover). xx + 451 pp. LCCN HD9539.U72 A43 2012.

**Hecht:2014:BRP**

[Hec14] David K. Hecht. Book review: The perpetual quest: Science and the search for authority: *Lab Coats in Hollywood: Science, Scientists, and Cinema*, by David A. Kirby; *Cold War University: Madison and the New Left in the Sixties*, by Matthew Levin; *Engineers for Change: Competing Visions of Technology in 1960s America*, by Matthew Wisnioski; *Competing with the Soviets: Science, Technology, and the State in Cold War America*, by Audra J. Wolfe. *Historical Studies in the Natural Sciences*, 44(3):277–284, June 2014. CODEN ????

ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2014.44.3.277>.

**Hedeem:2008:BBL**

[Hed08] Stanley Hedeem. *Big Bone Lick: the cradle of American paleontology*. University Press of Kentucky, Lexington, KY,

USA, 2008. ISBN 0-8131-2485-9 (hardcover). xviii + 182 pp. LCCN QE705.U6 H43 2008. URL <http://www.loc.gov/catdir/enhancements/fy0812/2007040474-b.html>; <http://www.loc.gov/catdir/enhancements/fy0812/2007040474-d.html>; <http://www.loc.gov/catdir/toc/fy0803/2007040474.html>.

**Heimann:1976:MCF**

[Hei76] P. M. Heimann. Mayer's concept of "force": The "axis" of a new science of physics. *Historical Studies in the Physical Sciences*, 7(??):277–296, ????

1976. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757358>.

**Heilbron:1983:OEP**

[Hei83] J. L. Heilbron. The origins of the exclusion principle. *Historical Studies in the Physical Sciences*, 13(2):261–310, ????

1983. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757517>.

**Heilbron:1991:CBG**

[Hei91] J. L. Heilbron. The contributions of Bologna to Galvanism. *Historical Studies in the Physical and Biological Sciences*, 22(1):57–85, ????

1991. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757673>.

- [Hei93] **Heilbron:1993:WIO**  
 J. L. Heilbron. Weighing imponderables and other quantitative science around 1800. *Historical Studies in the Physical and Biological Sciences*, 24(1 (Supplement)):1–337, 1993. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Hei07] **Heilbron:2007:S**  
 J. L. Heilbron. Swansong. *Historical Studies in the Physical and Biological Sciences*, 37(2):185–187, March 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Hel12] **Helmreich:2012:HKW**  
 Stefan Helmreich. The house of Kuhn, by the water. *Historical Studies in the Natural Sciences*, 42(5):521–526, November 2012. CODEN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.521.pdf>.
- [Hen84] **Hendry:1984:CPT**  
 John Hendry, editor. *Cambridge physics in the thirties*. Adam Hilger Ltd., Bristol, UK, 1984. ISBN 0-85274-761-6. 209 pp. LCCN QC51.G72 C352 1984.
- [Hen93] **Hentschel:1993:DRS**  
 Klaus Hentschel. The discovery of the redshift of solar Fraunhofer lines by Rowland and Jewell in Baltimore around 1890. *Historical Studies in the Physical and Biological Sciences*, 23(2):219–277, 1993. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757699>.
- [Hen14] **Henchman:2014:SSW**  
 Anna Henchman. *The starry sky within: astronomy and the reach of the mind in Victorian literature*. Oxford University Press, Walton Street, Oxford OX2 6DP, UK, 2014. ISBN 0-19-968696-3. xvi + 294 pp. LCCN PR468.A79 H46 2014. URL <http://www.loc.gov/catdir/enhancements/fy1410/2013942193-b.html>; <http://www.loc.gov/catdir/enhancements/fy1410/2013942193-d.html>; <http://www.loc.gov/catdir/enhancements/fy1410/2013942193-t.html>.
- [Hen16] **Henderson:2016:GHC**  
 Gabriel Henderson. Governing the hazards of climate: The development of the National Climate Program Act, 1977–1981. *Historical Studies in the Natural Sciences*, 46(2):207–242, April 2016. CODEN 1939-1811 (print), 1939-182X (electronic).
- [Hen19] **Henderson:2019:ASF**  
 Gabriel Henderson. Adhering to the “Flashing Yellow Light”: Heuristics of moderation and carbon dioxide politics during

the 1970s. *Historical Studies in the Natural Sciences*, 49(4):384–419, September 2019. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic).

**Herran:2008:ASR**

[Her08]

Nestor Herran. *Aguas, semillas y radiaciones: el laboratorio de radiactividad de la universidad de Madrid 1904–1929. (Spanish) [Water, seeds and radiation: the University of Madrid Radioactivity Laboratory 1904–1929]*, volume 52 of *Estudios sobre la ciencia*. Consejo Superior de Investigaciones Científicas, Madrid, Spain, 2008. ISBN 84-00-08692-9. 271 pp. LCCN MLC.

**Hersch:2012:IAA**

[Her12]

Matthew H. Hersch. *Inventing the American astronaut*. Palgrave studies in the history of science and technology. Palgrave Macmillan, New York, NY, USA, 2012. ISBN 1-137-02527-1 (hardcover), 1-137-02528-X. xiii + 219 pp. LCCN TL789.8.U5 H53 2012. URL <http://www.loc.gov/catdir/enhancements/fy1311/2012275134-b.html>; <http://www.loc.gov/catdir/enhancements/fy1311/2012275134-d.html>; <http://www.loc.gov/catdir/enhancements/fy1311/2012275134-t.html>.

**Hersch:2024:LTB**

[Her24]

J. D. PhD Matthew H. Hersch. “Learning on their bel-

lies”. *Historical Studies in the Natural Sciences*, 54(1):109–??, February 2024. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/54/1/109/200198/Learning-on-Their-Bellies>.

**Hetherington:1982:PVO**

[Het82]

Norriss S. Hetherington. Philosophical values and observation in Edwin Hubble’s choice of a model of the universe. *Historical Studies in the Physical Sciences*, 13(1):41–67, ????? 1982. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757505>.

**Hetherington:1987:RTH**

[Het87]

Norriss S. Hetherington. Review: Toward the history of X-ray astronomy. *Historical Studies in the Physical and Biological Sciences*, 17(2):357–360, ????? 1987. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757587>.

**Hetherington:1989:REL**

[Het89]

Norriss Hetherington. Review: The extraterrestrial life debate: a productive perspective. *Historical Studies in the Physical and Biological Sciences*, 20(1):179–182, ????? 1989. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757638>.



- [Hey06] **Heymann:2006:MRP**  
 Matthias Heymann. Modeling reality. Practice, knowledge, and uncertainty in atmospheric transport simulation. *Historical Studies in the Physical and Biological Sciences*, 37(1):49–85, September 2006. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [HG71] **Heimann:1971:NFL**  
 P. M. Heimann and J. E. Mc Guire. Newtonian forces and Lockean powers: Concepts of matter in Eighteenth-Century thought. *Historical Studies in the Physical Sciences*, 3(?):233–306, 1971. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757320>.
- [HHH15a] **Heinze:2015:PCSa**  
 Thomas Heinze, Olof Hallonsten, and Steffi Heinecke. From periphery to center: Synchrotron radiation at DESY, Part I: 1962–1977. *Historical Studies in the Natural Sciences*, 45(3):447–492, June 2015. CODEN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2015.45.3.447>.
- [HHH15b] **Heinze:2015:PCSB**  
 Thomas Heinze, Olof Hallonsten, and Steffi Heinecke. From periphery to center: Synchrotron radiation at DESY, Part II: 1977–1993. *Historical Studies in the Natural Sciences*, 45(4):513–548, September 2015. CODEN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2015.45.4.513>.
- [Hil49] **Hillpern:1949:SPQ**  
 Edmund P. Hillpern. Some personal qualities of Wilhelm Ostwald Recalled by a former assistant. *Chymia: Annual Studies in the History of Chemistry*, 2(?):57–64, 1949. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757134>.
- [Hin03] **Hinokawa:2003:CSC**  
 Shizue Hinokawa. A comparative study of cyclotron development at Cambridge and Liverpool in the 1930s. *Historical Studies in the Physical and Biological Sciences*, 34(1):23–39, September 2003. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Hir50] **Hirsch:1950:IPD**  
 Rudolf Hirsch. The invention of printing and the diffusion of alchemical and chemical knowledge. *Chymia: Annual Studies in the History of Chemistry*, 3(?):115–141, 1950. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757149>.

- [Hir69] **Hirosige:1969:OLT**  
Tetu Hirosige. Origins of Lorentz' Theory of Electrons and the concept of the electromagnetic field. *Historical Studies in the Physical Sciences*, 1 (??):151–209, ????. 1969. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757298>.
- [Hir76] **Hirosige:1976:EPM**  
Tetu Hirosige. The ether problem, the mechanistic worldview, and the origins of the Theory of Relativity. *Historical Studies in the Physical Sciences*, 7 (??):3–82, ????. 1976. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757354>.
- [HK69] **Heilbron:1969:GBA**  
John L. Heilbron and Thomas S. Kuhn. The genesis of the Bohr atom. *Historical Studies in the Physical Sciences*, 1(??):vi, 211–290, ????. 1969. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757291>.
- [HKW08] **Hoddeson:2008:FPF**  
Lillian Hoddeson, Adrienne W. Kolb, and Catherine Westfall. *Fermilab: physics, the frontier, and megascience*. University of Chicago Press, Chicago, IL, USA, 2008. ISBN 0-226-34623-4 (cloth). xi + 497 pp. LCCN QC789.2.U62 F474 2008. URL <http://www.loc.gov/catdir/toc/ecip0810/2008006254.html>.
- [Hod81] **Hoddeson:1981:DPC**  
Lillian Hoddeson. The discovery of the point-contact transistor. *Historical Studies in the Physical Sciences*, 12(1):41–76, ????. 1981. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757489>.
- [Hod87] **Hoddeson:1987:FLS**  
Lillian Hoddeson. The first large-scale application of superconductivity: The Fermilab Energy Doubler, 1972–1983. *Historical Studies in the Physical and Biological Sciences*, 18(1):25–54, ????. 1987. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757595>.
- [Hod93] **Hoddeson:1993:DSF**  
Lillian Hoddeson. The discovery of spontaneous fission in plutonium during World War II. *Historical Studies in the Physical and Biological Sciences*, 23(2):279–300, ????. 1993. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757700>.
- [Hof17] **Hoffman:2017:JTA**  
Michelle D. Hoffman. Just a theory: The atomic theory de-

bate and high school chemistry, 1905–1917. *Historical Studies in the Natural Sciences*, 47(4): 494–528, September 2017. ISSN 1939-1811 (print), 1939-182X (electronic).

**Hogan:2015:DGD**

- [Hog15] Andrew J. Hogan. Disrupting genetic dogma: Bridging cytogenetics and molecular biology in fragile X research. *Historical Studies in the Natural Sciences*, 45(1):174–197, February 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2015.45.1.174>.

**Hogan:2019:EPH**

- [Hog19] Andrew J. Hogan. Expanding perspectives on heredity. *Historical Studies in the Natural Sciences*, 49(1):104–115, February 2019. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

**Holmes:1962:EAC**

- [Hol62] Frederic L. Holmes. From elective affinities to chemical equilibria: Berthollet’s Law of Mass Action. *Chymia: Annual Studies in the History of Chemistry*, 8(??):105–145, ???? 1962. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757221>.

**Holton:1978:SPM**

- [Hol78] Gerald Holton. Subelectrons, pre-

suppositions, and the Millikan–Ehrenhaft dispute. *Historical Studies in the Physical Sciences*, 9(??):161–224, ???? 1978. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757378>.

**Holmes:1987:IOM**

- [Hol87] Frederic L. Holmes. The intake-output method of quantification in physiology. *Historical Studies in the Physical and Biological Sciences*, 17(2):235–270, ???? 1987. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757583>.

**Holloway:1999:PSC**

- [Hol99] David Holloway. Physics, the state, and civil society in the Soviet Union. *Historical Studies in the Physical and Biological Sciences*, 30(1):173–193, ???? 1999. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Holmes:2003:CAR**

- [Hol03] Frederic Lawrence Holmes. Chemistry in the Académie Royale des Sciences. *Historical Studies in the Physical and Biological Sciences*, 34(1):41–68, September 2003. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Holmes:2004:IPS**

- [Hol04] Fredric Lawrence Holmes. Investigative and pedagogical styles in French chemistry at the end of the 17th century. *Historical Studies in the Physical and Biological Sciences*, 34 (2):277–309, March 2004. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Holmes:2018:SHR**

- [Hol18] Matthew Holmes. Somatic hybridization: The rise and fall of a mid-Twentieth-Century biotechnology. *Historical Studies in the Natural Sciences*, 48 (1):1–23, February 2018. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

**Home:2006:RAE**

- [Hom06] R. W. Home. The rush to accelerate: Early stages of nuclear physics research in Australia. *Historical Studies in the Physical and Biological Sciences*, 36 (2):213–241, March 2006. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Hon:1989:FHV**

- [Hon89] Giora Hon. Franck and Hertz versus Townsend: a study of two types of experimental error. *Historical Studies in the Physical and Biological Sciences*, 20 (1):79–106, ???? 1989. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (elec-

tronic). URL <http://www.jstor.org/stable/27757636>.

**Hooykaas:1949:EOC**

- [Hoo49] R. Hooykaas. The experimental origin of chemical atomic and molecular theory before Boyle. *Chymia: Annual Studies in the History of Chemistry*, 2(??):65–80, ???? 1949. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757135>.

**Hopper:1996:ERR**

- [Hop96] Teresa Hopper. Essay review: Recent books on Nazism and science: *Uncertainty: The Life and Science of Werner Heisenberg* by David Cassidy; *The Dilemmas of an Upright Man: Max Planck as Spokesman for German Science* by John Heilbron; *The Nazi Doctors: Medical Killing and the Psychology of Genocide* by Robert Jay Lifton; *Surviving the Swastika: Scientific Research in Nazi Germany* by Kristie Macrakis; *The Rocket and the Reich: Pennemunde and the Coming of the Ballistic Era* by Michael Neufeld; *Operation Epsilon: The Farm Hall Transcripts*; *Heisenberg's War: The Secret History of the German Bomb* by Thomas Powers; *Racial Hygiene: Medicine under the Nazis* by Robert N. Proctor; *Science, Technology and National Socialism* by Monika Renneberg and Mark Walker; *German National Socialism and the Quest for Nuclear Power, 1939–1949* by Mark Walker;

- [Hor66] **Horne:1966:AC**  
 R. A. Horne. Aristotelian chemistry. *Chymia: Annual Studies in the History of Chemistry*, 11(??):21–27, ??? 1966. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757256>.
- [Hos07] **Hoskin:2007:HH**  
 Michael A. Hoskin. *The Herschels of Hanover*. Science History Publications, Cambridge, UK, 2007. ISBN 0-905193-07-5 (hardcover). x + 182 pp. LCCN QB35 .H67 2007.
- [Hou97] **Hounshell:1997:CWR**  
 David Hounshell. The Cold War, RAND, and the generation of knowledge, 1946–1962. *Historical Studies in the Physical and Biological Sciences*, 27(2):237–267, ??? 1997. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [How11] **Howell:2011:MHY**  
 David L. Howell. May be hazardous to your health. *Historical Studies in the Natural Sciences*, 41(1):104–111, Winter 2011. CODEN ??? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2011.41.1.104>.
- [How12] **Howe:2012:BRS**  
 Joshua P. Howe. Book review: The stories we tell: *Merchants of Doubt: How a Handful of Scientists Obscured the Truth on Issues from Tobacco Smoke to Global Warming*, by Naomi Oreskes and Erik M. Conway. *Historical Studies in the Natural Sciences*, 42(3):244–254, June 2012. CODEN ??? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2012.42.3.244>.
- [HR12] **Herran:2012:FDH**  
 Néstor Herrán and Xavier Roqué. *La física en la dictadura: físicos, cultura y poder en España, 1939–1975. (Spanish) [Physics under the Dictatorship: physicists, culture, and power in Spain]*, volume 10 of *Congresos*. Universitat Autònoma de Barcelona, Servei de Publicacions, Bellaterra, España, 2012. ISBN 84-490-3238-5. 310 pp. LCCN QC9.S7 F58 2012. URL <http://www.loc.gov/catdir/enhancements/fy1503/2013408785-b.html>; <http://www.loc.gov/catdir/enhancements/fy1503/2013408785-d.html>.
- [HS89] **Howard:1989:EHG**  
 Don Howard and John J. Stachel, editors. *Einstein and the History of General Relativity: Based on the Proceedings of the 1986 Osgood Hill Conference, North Andover, Massachusetts, 8–11 May 1986*, volume 1 of *Einstein studies*. Birkhäuser, Cambridge, MA,

- USA; Berlin, Germany; Basel, Switzerland, 1989. ISBN 0-8176-3392-8. LCCN QC173.6 .E38 1989.
- [HS06] Frederic Lawrence Holmes and William C. Summers. *Reconceiving the gene: Seymour Benzer's adventures in phage genetics*. Yale University Press, New Haven, CT, USA, 2006. ISBN 0-300-11078-2 (hardcover). ix + 334 pp. LCCN QH429.2.B46 H65 2006.
- [HS17] Evan Hepler-Smith. Grasping the technical image. *Historical Studies in the Natural Sciences*, 47(1):117–125, February 2017. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [HS18] Evan Hepler-Smith. A way of thinking backwards: Computing and method in synthetic organic chemistry. *Historical Studies in the Natural Sciences*, 48(3):300–337, June 2018. ISSN 1939-1811 (print), 1939-182X (electronic).
- [Hu04] Danian Hu. Organized criticism of Einstein and Relativity in China, 1949–1989. *Historical Studies in the Physical and Biological Sciences*, 34(2): 311–338, March 2004. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Huf07] Karl Hufbauer. Social support for chemistry in Germany during the Eighteenth Century: How and why did it change? *Historical Studies in the Physical Sciences*, 3(?): 205–231, ???? 1971. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757319>.
- [Huf81] Karl Hufbauer. Astronomers take up the stellar-energy problem, 1917–1920. *Historical Studies in the Physical Sciences*, 11(2):277–303, ???? 1981. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757481>.
- [Huf94] Karl Hufbauer. Artificial eclipses: Bernard Lyot and the coronagraph, 1929–1939. *Historical Studies in the Physical and Biological Sciences*, 24(2):337–394, ???? 1994. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Huf07] Karl Hufbauer. Landau's youthful sallies into stellar theory: Their origins, claims, and receptions. *Historical Studies*

**Holmes:2006:RGS**

[Huf71]

**Hufbauer:1971:SSC****Hufbauer:1981:ATS****Hepler-Smith:2017:GTI**

[Huf81]

**Hepler-Smith:2018:WTB**

[Huf94]

**Hufbauer:1994:AEB****Hu:2004:OCE****Hufbauer:2007:LYS**

in the *Physical and Biological Sciences*, 37(2):337–354, March 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Hughes:2011:GBB**

- [Hug11] Sally Smith Hughes. *Genentech: the beginnings of biotech*. Synthesis. University of Chicago Press, Chicago, IL, USA, 2011. ISBN 0-226-35918-2 (hardcover). xv + 213 pp. LCCN HD9999.B444 H85 2011.

**Hui:2022:HCD**

- [Hui22] Alexandra Hui. How to call a duck. *Historical Studies in the Natural Sciences*, 52(1):128–??, February 2022. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/52/1/128/120499/How-to-Call-a-Duck>.

**Hunt:1986:EEO**

- [Hun86] Bruce Hunt. Experimenting on the ether: Oliver J. Lodge and the Great Whirling Machine. *Historical Studies in the Physical and Biological Sciences*, 16(1):111–134, ??? 1986. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757559>.

**Hunt:2010:PPL**

- [Hun10] Bruce J. Hunt. *Pursuing power and light: technology and physics from James Watt to*

*Albert Einstein*. Johns Hopkins introductory studies in the history of science. The Johns Hopkins University Press, Baltimore, MD, USA, 2010. ISBN 0-8018-9358-5 (hardcover), 0-8018-9359-3 (paperback). 182 pp. LCCN T173.8 .H92 2010.

**Hunter:2013:WIV**

- [Hun13] Matthew C. Hunter. *Wicked intelligence: visual art and the science of experiment in Restoration London*. University of Chicago Press, Chicago, IL, USA, 2013. ISBN 0-226-01729-X (hardcover), 0-226-01732-X (e-book). xv + 329 + 10 pp. LCCN Q222 .H86 2013.

**Hunt:2015:MMM**

- [Hun15] Bruce J. Hunt. Maxwell, measurement, and the modes of electromagnetic theory. *Historical Studies in the Natural Sciences*, 45(2):303–339, April 2015. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2015.45.2.303>.

**HurtadoDeMendoza:2006:PSF**

- [HV06] Diego Hurtado De Mendoza and Ana Maria Vara. Political storms, financial uncertainties, and dreams of “big science:” The construction of a heavy ion accelerator in Argentina. *Historical Studies in the Physical and Biological Sciences*, 36(2):343–364, March 2006. CODEN HSPSEW. ISSN 0890-

- 9997 (print), 1533-8355 (electronic).
- [Hyu19] Jaehwan Hyun. Tracing national origins, debating ethnic homogeneity: Population genetics and the politics of national identity in South Korea. *Historical Studies in the Natural Sciences*, 49(4):351–383, September 2019. CODEN HSPSEW. ISSN 1939-1811 (print), 1939-182X (electronic). **Hyun:2019:TNO**
- [Ian93] Maria Grazia Ianniello. Elastic Nachwirkung, Brownian motion and the tide against determinism: 1835–1920. *Historical Studies in the Physical and Biological Sciences*, 24(1):41–100, 1993. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). **Ianniello:1993:ENB**
- [Igo18] Sarah E. Igo. Me and my data. *Historical Studies in the Natural Sciences*, 48(5):616–626, November 2018. CODEN HSPSEW. ISSN 1939-1811 (print), 1939-182X (electronic). **Igo:2018:MMD**
- [Ihd64] Aaron J. Ihde. Alchemy in reverse: Robert Boyle on the degradation of gold. *Chymia: Annual Studies in the History of Chemistry*, 9(??):47–57, 1964. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757231>. **Ihde:1964:ARR**
- [Im95] Gyeong Soon Im. The formation and development of the Ramsauer effect. *Historical Studies in the Physical and Biological Sciences*, 25(2):269–300, 1995. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). **Im:1995:FDR**
- [Iri23] Susana V. García Irina Podgorny. Armadillos under the microscope: The end of natural history and the emergence of bio-materials research. *Historical Studies in the Natural Sciences*, 53(3):332–??, June 2023. CODEN HSPSEW. ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/53/3/332/196656/>. **IrinaPodgorny:2023:AUM**
- [Isa12] Joel Isaac. *Working knowledge: making the human sciences from Parsons to Kuhn*. Harvard University Press, Cambridge, MA, USA, 2012. ISBN 0-674-06574-3 (hardcover), 0-674-06522-0 (e-book). vi + 314 pp. LCCN H62 .I77 2012. **Isaac:2012:WKM**
- [Ito02] Kenji Ito. Values of ‘pure science’: Nishina Yoshio’s wartime discourse between nationalism and physics, 1940–1945. *Historical Studies in the Physical* **Ito:2002:VPS**



- and *Biological Sciences*, 33(1): 61–86, September 2002. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Ito24] **Ito:2024:PPN** [Jac07] Takashi Ito. The power and performativity of naming: a natural and cultural history of the mikado pheasant in early twentieth-century Taiwan and beyond. *Historical Studies in the Natural Sciences*, 54(2):157–??, April 2024. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/54/2/157/200670/The-Power-and-Performativity-of-NamingA-Natural>. [Jac09]
- [J.23] **J:2023:DD** Amrah Salomón J. Drawing on the difuentes. *Historical Studies in the Natural Sciences*, 53(1):91–??, February 2023. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/53/1/91/195528/Drawing-on-the-Difuentes>.
- [Jac06] **Jackson:2006:HTP** Myles W. Jackson. *Harmonious triads: physicists, musicians, and instrument makers in Nineteenth-Century Germany*. Transformations. MIT Press, Cambridge, MA, USA, 2006. ISBN 0-262-10116-5. x + 395 pp. LCCN ML3805 .J33 2006. URL <http://www.loc.gov/catdir/toc/fy0710/2006044991.html>. **Jacobsen:2007:LRM** Anja Skaar Jacobsen. Léon Rosenfeld’s Marxist defense of complementarity. *Historical Studies in the Physical and Biological Sciences*, 37(S1):3–34, September 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsp.2007.37.S.3.pdf>. **Jackson:2009:BRM** Myles W. Jackson. Book review: Molecular Genetics: Redefining the Relationship between Science and Society: M. Susan Lindee. *Moments of Truth in Genetic Medicine*. Baltimore: Johns Hopkins University Press, 2005. xii + 270 pp., illus. ISBN 978-0-801-89101-4. \$25.00 (paperback). Shobita Parthasarathy. *Building Genetic Medicine: Breast Cancer, Technology, and the Comparative Politics of Health Care*. Cambridge, MA: MIT Press, 2007. x + 271 pp., illus. ISBN 978-0-262-16242-5. \$35.00 (cloth). Michael A. Fortun. *Promising Genomics: Iceland and deCODE Genetics in a World of Speculation*. Berkeley: University of California Press, 2008. x + 330 pp., illus. ISBN 978-0-520-24751-2. \$24.95 (paperback). *Historical Studies in*

- the Natural Sciences*, 39(3):367–376, August 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). [Jan11]
- [Jac12] **Jacobsen:2012:LRP**  
Anja Skaar Jacobsen. *Léon Rosenfeld: physics, philosophy, and politics in the twentieth century*. World Scientific Publishing Co., Singapore; Philadelphia, PA, USA; River Edge, NJ, USA, 2012. ISBN 981-4307-81-5 (hardcover), 981-4307-82-3 (e-book), 1-280-66920-9. xii + 354 pp. LCCN QC16.R493 J326 2012. URL <http://www.worldscientific.com/worldscibooks/10.1142/7776>.
- [Jac14] **Jackson:2014:SEA**  
Catherine M. Jackson. Synthetic experiments and alkaloid analogues: Liebig, Hofmann, and the origins of organic synthesis. *Historical Studies in the Natural Sciences*, 44(4): 319–363, September 2014. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2014.44.4.319>.
- [Jai66] **Jain:1966:CTJ**  
N. L. Jain. Chemical theories of the Jains. *Chymia: Annual Studies in the History of Chemistry*, 11(?):11–19, ???? 1966. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757255>.
- [Jen84] **Jensen:1984:TOE**  
Carsten Jensen. Two one-electron anomalies in the old quantum theory. *Historical Studies in the Physical Sciences*, 15(1):81–106, ???? 1984. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757543>.
- [Jen06] **Jennings:2006:CCH**  
Eric Thomas Jennings. *Curing the colonizers: hydrotherapy, climatology, and French colonial spas*. Duke University Press, Durham, NC, USA, 2006. ISBN 0-8223-3808-4 (cloth), 0-8223-3822-X (paperback). xi + 271 pp. LCCN RM813 .J46 2006. URL <http://www.h-net.org/review/hrev-a0f3m5-aa>; <http://www.loc.gov/catdir/toc/ecip0611/2006010438.html>.
- [Jans:2011:ADB] **Jansen:2011:ADB**  
Axel Jansen. *Alexander Dallas Bache: building the American nation through science and education in the nineteenth century*. Campus Verlag, Frankfurt, Germany, 2011. ISBN 3-593-39355-7. 352 pp. LCCN Q143.B2 J36 2011; Q143.B11 J36 2011.
- [JI08] **Jones-Imhotep:2008:IE**  
Edward Jones-Imhotep. Icons and electronics. *Historical Studies in the Natural Sciences*, 38(3):405–450, August 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

- [Jia16] **Jiang:2016:RPL**  
Lijing Jiang. Retouching the past with living things: Indigenous species, tradition, and biological research in Republican China, 1918–1937. *Historical Studies in the Natural Sciences*, 46(2):154–206, April 2016. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [JJ15] **James:2015:SSR**  
Jeremiah James and Christian Joas. Subsequent and subsidiary? Rethinking the role of applications in establishing quantum mechanics. *Historical Studies in the Natural Sciences*, 45(5):641–702, November 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2015.45.5.641>.
- [Joh05] **Johnston:2005:WEN**  
Sean F. Johnston. From white elephant to Nobel Prize: Dennis Gabor’s wavefront reconstruction. *Historical Studies in the Physical and Biological Sciences*, 36(1):35–70, September 2005. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Joh08] **Johnson:2008:BRW**  
Ann Johnson. Book reviews: What If We Wrote the History of Science from the Perspective of Applied Science? Christophe Lécuyer. *Making Silicon Valley: Innovation and the Growth of High Tech, 1930–1970*. Cambridge, MA: MIT Press, 2005. 405 pp., illus. ISBN 978-0-262-12281-8. \$40 (cloth), \$22 (paper). Pap A. Ndiaye. *Nylon and Bombs: DuPont and the March of Modern America*. Trans. Elborg Forster. Baltimore: Johns Hopkins University Press, 2006. 289 pp. ISBN 978-0-8018-8444-3. \$45 (hardcover). Peter J. Westwick. *Into the Black: JPL and the American Space Program 1976–2004*. New Haven: Yale University Press, 2006. 416 pp., illus. ISBN 978-0-3001-1075-3. \$40 (cloth). *Historical Studies in the Natural Sciences*, 38(4):610–620, November 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Joh09] **Johnson:2009:HBE**  
Ann Johnson. *Hitting the brakes: engineering design and the production of knowledge*. Duke University Press, Durham, NC, USA, 2009. ISBN 0-8223-4526-9 (hardcover), 0-8223-4541-2 (paperback). xviii + 207 pp. LCCN TL269.3 .J64 2009.
- [Joh13] **Johnson:2013:CMG**  
Jeffrey Allan Johnson. The case of the missing German quantum chemists: On molecular models, mobilization, and the paradoxes of modernizing chemistry in Nazi Germany. *Historical Studies in the Natural Sciences*, 43(4):391–452, September 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

- URL <http://www.jstor.org/stable/10.1525/hsns.2013.43.4.391>.
- Jones:2018:HWB**
- [Jon18] Matthew L. Jones. How we became instrumentalists (again): Data positivism since World War II. *Historical Studies in the Natural Sciences*, 48(5):673–684, November 2018. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic).
- Jungnickel:1979:TRP**
- [Jun79] Christa Jungnickel. Teaching and research in the physical sciences and mathematics in Saxony, 1820–1850. *Historical Studies in the Physical Sciences*, 10(??):iv + 3–47, ????? 1979. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757386>.
- Jurkowitz:2002:HLU**
- [Jur02] Edward Jurkowitz. Helmholtz and the liberal unification of science. *Historical Studies in the Physical and Biological Sciences*, 32(2):291–317, March 2002. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- Kaiser:1987:ETE**
- [Kai87] Walter Kaiser. Early theories of the electron gas. *Historical Studies in the Physical and Biological Sciences*, 17(2):271–297, ????? 1987. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757584>.
- Kaiser:2002:CWR**
- [Kai02] David Kaiser. Cold War requisitions, scientific manpower, and the production of American physicists after World War II. *Historical Studies in the Physical and Biological Sciences*, 33(1):131–159, September 2002. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- Kaiser:2010:BMD**
- [Kai10] David Kaiser, editor. *Becoming MIT: moments of decision*. MIT Press, Cambridge, MA, USA, 2010. ISBN 0-262-11323-6 (hardcover). vi + 207 pp. LCCN T171.M428 B43 2010.
- Kaiser:2011:CC**
- [Kai11] David Kaiser. Consciousness on the Charles. *Historical Studies in the Natural Sciences*, 41(2):265–275, Spring 2011. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2011.41.2.265>.
- Kapoor:1965:BPP**
- [Kap65] Satish C. Kapoor. Berthollet, Proust, and proportions. *Chymia: Annual Studies in the History of Chemistry*, 10(??):53–110, ????? 1965. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757247>.

- [Kar77] **Kargon:1977:TSC**  
 Robert H. Kargon. Temple to science: Cooperative research and the birth of the California Institute of Technology. *Historical Studies in the Physical Sciences*, 8(??):iv + 3–31, ??? 1977. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757365>.
- [Kar13] **Karafantis:2013:SIS**  
 Layne Karafantis. Sealab II and Skylab: Psychological fieldwork in extreme spaces. *Historical Studies in the Natural Sciences*, 43(5):551–588, November 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2013.43.5.551>.
- [Kas05] **Kassell:2005:MME**  
 Lauren Kassell. *Medicine and magic in Elizabethan London: Simon Forman, astrologer, alchemist, and physician*. Oxford historical monographs. Clarendon Press, New York, NY, USA, 2005. ISBN 0-19-927905-5. xviii + 281 pp. LCCN R489.F585 K37 2005. URL <http://www.h-net.org/review/hrev-a0e919-aa>; <http://www.loc.gov/catdir/enhancements/fy0637/2005298872-d.html>; <http://www.loc.gov/catdir/enhancements/fy0637/2005298872-t.html>.
- [Kat03] **Katzir:2003:EDM**  
 Shaul Katzir. From explanation to description: Molecular and phenomenological theories of piezoelectricity. *Historical Studies in the Physical and Biological Sciences*, 34(1):69–94, September 2003. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Kat04] **Katzir:2004:EPS**  
 Shaul Katzir. The emergence of the principle of symmetry in physics. *Historical Studies in the Physical and Biological Sciences*, 35(1):35–65, September 2004. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Kat05] **Katzir:2005:EWW**  
 Shaul Katzir. On “The electromagnetic world-view”: a comment on an article by Suman Seth. *Historical Studies in the Physical and Biological Sciences*, 36(1):189–192, September 2005. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). See [Set04] and response [Set05].
- [Kat09] **Katzir:2009:HAE**  
 Shaul Katzir. Hermann Aron’s electricity meters: Physics and invention in late Nineteenth-Century Germany. *Historical Studies in the Natural Sciences*, 39(4):444–481, November 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

**Katzir:2019:EBF**

- [Kat19] Shaul Katzir. Employment before formulation: Uses of proto-energetic arguments. *Historical Studies in the Natural Sciences*, 49(1):1–40, February 2019. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic).

**Kauffman:1960:SMJ**

- [Kau60] George B. Kauffman. Sophus Mads Jørgensen and the Werner–Jørgensen controversy. *Chymia: Annual Studies in the History of Chemistry*, 6(?):180–204, 1960. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757198>.

**Kauffman:1967:AWH**

- [Kau67a] George B. Kauffman. Alfred Werner’s “Habilitationsschrift”. *Chymia: Annual Studies in the History of Chemistry*, 12(?):183–187, 1967. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757281>.

**Kauffman:1967:CNE**

- [Kau67b] George B. Kauffman. On coordination number “eight” and the variable coordination number, by Alfred Werner. *Chymia: Annual Studies in the History of Chemistry*, 12(?):221–232, 1967. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757284>.

**Kauffman:1967:RDM**

- [Kau67c] George B. Kauffman. A recently discovered manuscript by Alfred Werner. *Chymia: Annual Studies in the History of Chemistry*, 12(?):217–219, 1967. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757283>.

**Keller:1996:DET**

- [Kel96] Evelyn Fox Keller. *Drosophila* embryos as transitional objects: The work of Donald Poulson and Christiane Nüsslein-Volhard. *Historical Studies in the Physical and Biological Sciences*, 26(2):313–346, 1996. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Keller:2007:CMP**

- [Kel07] Richard C. (Richard Charles) Keller. *Colonial madness: psychiatry in French North Africa*. University of Chicago Press, Chicago, IL, USA, 2007. ISBN 0-226-42972-5 (cloth), 0-226-42973-3 (paperback). xi + 294 pp. LCCN RC451.A42 K45 2007. URL <http://www.h-net.org/review/hrev-a0f7o5-aa>; <http://www.loc.gov/catdir/enhancements/fy0707/2006026923-b.html>; <http://www.loc.gov/catdir/enhancements/fy0707/2006026923-d.html>; <http://www.loc.gov/catdir/toc/ecip0619/2006026923.html>.

- [Kel08] Evelyn Fox Keller. Organisms, machines, and thunderstorms: a history of self-organization, part one. *Historical Studies in the Natural Sciences*, 38(1):45–75, February 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Kel09] Evelyn Fox Keller. Organisms, machines, and thunderstorms: a history of self-organization, part two. Complexity, emergence, and stable attractors. *Historical Studies in the Natural Sciences*, 39(1):1–31, February 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Kel11] Christopher Kelty. Steal this review! *Historical Studies in the Natural Sciences*, 41(2):255–264, Spring 2011. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2011.41.2.255>.
- [Kel12] Evelyn Fox Keller. Lexicons, kind-terms, and world changes. *Historical Studies in the Natural Sciences*, 42(5):527–531, November 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.527.pdf>.
- [Ker13] Michael Kershaw. Twentieth-Century length: The origins, use, and formalization of electromagnetic standards. *Historical Studies in the Natural Sciences*, 43(2):162–201, April 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2013.43.2.162.pdf>.
- [Kev90] Dan Kevles. Cold War and hot physics: Science, security, and the American State, 1945–56. *Historical Studies in the Physical and Biological Sciences*, 20(2):239–264, ???? 1990. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757644>.
- [Kev94] Daniel Kevles. Ananda Chakrabarty wins a patent: Biotechnology, law, and society, 1972–1980. *Historical Studies in the Physical and Biological Sciences*, 25(1):111–135, ???? 1994. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Kev97] Daniel J. Kevles. Big Science and big politics in the United States: Reflections on the death

of the SSC and the life of the Human Genome Project. *Historical Studies in the Physical and Biological Sciences*, 27(2): 269–297, 1997. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Kevles:2009:BRH**

[Kev09]

Daniel J. Kevles. Book reviews: Historicizing Heredity: Jim Endersby. *A Guinea Pig's History of Biology*. Cambridge, MA: Harvard University Press, 2007. xii + 499 pp., illus., index. ISBN-10: 0-674-02713-2. \$27.95 (cloth). Staffan Müller-Wille and Hans-Jörg Rheinberger, eds. *Heredity Produced: At the Crossroads of Biology, Politics, and Culture, 1500–1870*. Cambridge, MA and London: MIT Press, 2007. x + 496 pp., illus., index. ISBN-13: 978-0-262-13476-7. \$52.00 (cloth). James Schwartz. *In Pursuit of the Gene: From Darwin to DNA*. Cambridge, MA: Harvard University Press, 2008. xiii + 370 pp., illus., index. ISBN-13: 978-0-674-02670-4. \$29.95 (cloth). *Historical Studies in the Natural Sciences*, 39(4):482–490, November 2009. CODEN HSPSEW. ISSN 1939-1811 (print), 1939-182X (electronic).

**Kolb:1993:MWA**

[KH93]

Adrienne Kolb and Lillian Hoddeson. The mirage of the 'world accelerator for world peace' and the origins of the SSC,

1953–1983. *Historical Studies in the Physical and Biological Sciences*, 24(1):101–124, 1993. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Kim:2002:CBI**

[Kim02]

Dong-Won Kim. The conflict between the image and role of physics in South Korea. *Historical Studies in the Physical and Biological Sciences*, 33(1): 107–129, September 2002. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Kim:2006:YNT**

[Kim06]

Dong-Won Kim. Yoshio Nishina and two cyclotrons. *Historical Studies in the Physical and Biological Sciences*, 36(2):243–273, March 2006. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Kim:2014:BRM**

[Kim14]

Mi Gyung Kim. Book review: Material enlightenments: Bruno Belhoste. *Paris savant: Parcours et rencontres au temps des Lumières*. Paris: Armand Colin, 2011. 311 pp., illus., index. ISBN: 978-2-200-25563-3. 25.40 (paper); Emma C. Spary. *Eating the Enlightenment: Food and the Sciences in Paris, 1670–1760*. Chicago: University of Chicago Press, 2012. x + 366 pp., illus., index. ISBN: 978-0-226-76886-1. \$45.00 (hardcover); Sean



- Takats. *The Expert Cook in Enlightenment France*. Baltimore, MD: Johns Hopkins University Press, 2011. x + 203 pp., illus., index. ISBN: 978-1-4214-0283-3. \$60.00 (hardcover). *Historical Studies in the Natural Sciences*, 44(4):424–433, September 2014. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2014.44.4.424>. **Kingston:2011:BRD**
- [Kin11] Ralph Kingston. Book review: Do ancient artifacts have politics? *The Zodiac of Paris: How an Improbable Controversy over an Ancient Egyptian Artifact Provoked a Modern Debate between Religion and Science* by Jed Z. Buchwald and Diane Greco Josefowicz. *Historical Studies in the Natural Sciences*, 41(4):457–469, November 2011. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2011.41.4.457>. **Kinukawa:2013:LVC**
- [Kin13] Tomomi Kinukawa. Learned vs. commercial?: The commodification of nature in early modern natural history specimen exchanges in England, Germany, and The Netherlands. *Historical Studies in the Natural Sciences*, 43(5):589–618, November 2013. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2013.43.5.589>. **Kirsch:2005:PGP**
- [Kir05] Scott Kirsch. *Proving grounds: Project Plowshare and the unrealized dream of nuclear earthmoving*. Rutgers University Press, New Brunswick, NJ, USA, 2005. ISBN 0-8135-3666-9 (hardcover). xi + 257 pp. LCCN TA748 .K57 2005. URL <http://www.loc.gov/catdir/toc/ecip057/2005002579.html>. **Kirby:2011:LCH**
- [Kir11] David A. (David Allen) Kirby. *Lab coats in Hollywood: science, scientists, and cinema*. MIT Press, Cambridge, MA, USA, 2011. ISBN 0-262-01478-5 (hardcover), 0-262-51870-8 (paperback). xiv + 265 pp. LCCN PN1995.9.S265 K57 2011. **Kitcher:2012:MLS**
- [Kit12] Philip Kitcher. The many lessons of structure. *Historical Studies in the Natural Sciences*, 42(5):255–282, November 2012. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.532.pdf>. **Klein:1969:GC**
- [Kle69] Martin J. Klein. Gibbs on Clausius. *Historical Studies in the Physical Sciences*, 1(??):127–149, ????? 1969. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic).

URL <http://www.jstor.org/stable/27757297>.

**Klein:1970:FPB**

- [Kle70] Martin J. Klein. The first phase of the Bohr–Einstein dialogue. *Historical Studies in the Physical Sciences*, 2(??):iv + 1–39, 1970. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757302>.

**Kleinman:2019:WEA**

- [Kle19] Kim Kleinman. Why Edgar Anderson visited math departments: Natural history, statistics, and applied mathematics. *Historical Studies in the Natural Sciences*, 49(1):41–69, February 2019. CODEN 1939-1811 (print), 1939-182X (electronic).

**Kleemans:2021:SGD**

- [Kle21] Machiel Kleemans. Secrecy and the genesis of the 1951 Dutch–Norwegian nuclear reactor. *Historical Studies in the Natural Sciences*, 51(1):48–??, February 2021. CODEN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/51/1/48/116292/Secrecy-and-the-Genesis-of-the-1951-Dutch>.

**Klickstein:1948:TTP**

- [Kli48] Herbert S. Klickstein. Thomas Thomson: Pioneer historian of chemistry. *Chymia: Annual*

*Studies in the History of Chemistry*, 1(??):37–53, 1948. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757113>.

**Klickstein:1953:CCC**

Herbert S. Klickstein. Charles Caldwell and the controversy in America over Liebig’s “*Animal Chemistry*”. *Chymia: Annual Studies in the History of Chemistry*, 4(??):129–157, 1953. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757166>.

**Klickstein:1959:EFS**

Herbert S. Klickstein. Edgar Fahs Smith — his contributions to the history of chemistry. *Chymia: Annual Studies in the History of Chemistry*, 5(??):11–30, 1959. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757173>.

**Kline:2013:BRR**

Wendy Kline. Book reviews: Risk and responsibility: The brave new world of reproductive medicine. Rene Almeling. *Sex Cells: The Medical Market for Eggs and Sperm*. Berkeley: University of California Press, 2011. vii + 228 pp., index. ISBN 978-0520-27096-1. \$24.95 (paper).; Annie Murphy Paul. *Origins: How the Nine Months Before Birth Shape the Rest of Our Lives*. New York: Simon and Schuster, 2010. vii + 306,

- index. ISBN 978-0-7432-9663-2. \$15 (paper).; Heather Munro Prescott. *The Morning After: A History of Emergency Contraception in the United States*. [Koh75] New Brunswick, NJ: Rutgers University Press, 2012. vii + 153 pp., index. ISBN 978-0-8135-5163-0. \$22.95 (paper).; Chikako Takeshita. *The Global Biopolitics of the IUD: How Science Constructs Contraceptive Users and Women's Bodies*. Cambridge, MA: MIT Press, 2012. xi + 238, index. ISBN 978-0-262-01658-2. \$30 (hardcover). *Historical Studies in the Natural Sciences*, 43(2): 236–242, April 2013. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2013.43.2.236.pdf>.
- [Koh71] Robert E. Kohler, Jr. The origin of G. N. Lewis's theory of the shared pair bond. *Historical Studies in the Physical Sciences*, 3(??):343–376, ????? 1971. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757322>.
- [Koh74] Robert E. Kohler, Jr. Irving Langmuir and the “Octet” Theory of Valence. *Historical Studies in the Physical Sciences*, 4(??):39–87, ????? 1974. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757327>.
- [Koh75] Robert E. Kohler, Jr. The Lewis–Langmuir theory of valence and the chemical community, 1920–1928. *Historical Studies in the Physical Sciences*, 6(??):431–468, ????? 1975. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757346>.
- [Koh77] Robert E. Kohler, Jr. Rudolf Schoenheimer, isotopic tracers, and biochemistry in the 1930's. *Historical Studies in the Physical Sciences*, 8(??): 257–298, ????? 1977. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757372>.
- [Koh91] Robert E. Kohler. Systems of production: *Drosophila*, *Neurospora*, and biochemical genetics. *Historical Studies in the Physical and Biological Sciences*, 22(1):87–130, ????? 1991. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757674>.
- [Koh08] Robert E. Kohler. Plants and pigeonholes: Classification as a practice in American ecology. *Historical Studies in the*

**Kohler:1975:LLT****Kohler:1977:RSI****Kohler:1991:SPD****Kohler:2008:PPC**

*Natural Sciences*, 38(1):77–108, February 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

**Kohlstedt:2010:TCS**

- [Koh10] Sally Gregory Kohlstedt. *Teaching children science: hands-on nature study in North America, 1890–1930*. University of Chicago Press, Chicago, IL, USA, 2010. ISBN 0-226-44990-4 (hardcover), 0-226-44992-0 (e-book). xv + 363 pp. LCCN LB1585.3 .K64 2010. URL <http://site.ebrary.com/id/10389565>.

**Kohler:2011:PEA**

- [Koh11] Robert E. Kohler. Paul Errington, Aldo Leopold, and wildlife ecology: Residential science. *Historical Studies in the Natural Sciences*, 41(2):216–254, Spring 2011. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2011.41.2.216>.

**Koizumi:1975:EJF**

- [Koi75] Kenkichi Koizumi. The emergence of Japan's first physicists: 1868–1900. *Historical Studies in the Physical Sciences*, 6(?): iv + 3–108, ???? 1975. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757339>.

**Koizumi:2007:TCF**

- [Koi07] Kenkichi Koizumi. Technology at a crossroads: The Fifth

Generation Computer Project in Japan. *Historical Studies in the Physical and Biological Sciences*, 37(2):355–368, March 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Kojevnikov:1999:DAK**

- [Koj99a] Alexei Kojevnikov. Dialogues about knowledge and power in totalitarian political culture. *Historical Studies in the Physical and Biological Sciences*, 30(1):227–248, ???? 1999. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Kojevnikov:1999:FCQ**

- [Koj99b] Alexei Kojevnikov. Freedom, collectivism, and quasiparticles: Social metaphors in quantum physics. *Historical Studies in the Physical and Biological Sciences*, 29(2):295–331, ???? 1999. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Kojevnikov:2002:DBC**

- [Koj02] Alexei Kojevnikov. David Bohm and collective movement. *Historical Studies in the Physical and Biological Sciences*, 33(1): 161–192, September 2002. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Kozhevnikov:1991:PKS**

- [Koz91] Aleksei Kozhevnikov. Piotr Kapitza and Stalin's govern-

- ment: a study in moral choice. *Historical Studies in the Physical and Biological Sciences*, 22 (1):131–164, 1991. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757675>. **Kragh:1982:CPT**
- [Kra82] Helge Kragh. Cosmo-physics in the thirties: Towards a history of Dirac cosmology. *Historical Studies in the Physical Sciences*, 13(1):69–108, 1982. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757506>.
- [KP86] John Krige and Dominique Pestre. The choice of CERN’s first large bubble chambers for the proton synchrotron (1957–1958). *Historical Studies in the Physical and Biological Sciences*, 16(2):255–279, 1986. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757566>. **Kragh:1985:FSH**
- [Kra85] Helge Kragh. The fine structure of hydrogen and the gross structure of the physics community, 1916–26. *Historical Studies in the Physical Sciences*, 15 (2):67–125, 1985. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757550>.
- [KR18] David Kaiser and Dean Rickles. The price of gravity: Private patronage and the transformation of gravitational physics after World War II. *Historical Studies in the Natural Sciences*, 48(3):338–379, June 2018. ISSN 1939-1811 (print), 1939-182X (electronic). **Kaiser:2018:PGP**
- [Kra07] Helge S. Kragh. Cosmology and the entropic creation argument. *Historical Studies in the Physical and Biological Sciences*, 37 (2):369–382, March 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). **Kragh:2007:CEC**
- [Kra79] Helge Kragh. Niels Bohr’s second atomic theory. *Historical Studies in the Physical Sciences*, 10(??):123–186, 1979. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757389>. **Kraft:2009:MTL**
- [Kra09a] Alison Kraft. Manhattan transfer: Lethal radiation, bone marrow transplantation, and the birth of stem cell biology, ca. 1942–1961. *Historical Studies in the Natural Sciences*, 39(2):171–218, May 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

**Kragh:2009:SAB**

- [Kra09b] Helge Kragh. The spectrum of the *Aurora Borealis*: From enigma to laboratory science. *Historical Studies in the Natural Sciences*, 39(4):377–417, November 2009. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic).

**Kragh:2014:NBB**

- [Kra14] Helge Kragh. Naming the Big Bang. *Historical Studies in the Natural Sciences*, 44(1):3–36, February 2014. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2014.44.1.3>.

**Krementsov:2011:MSE**

- [Kre11] N. L. Krementsov. *A Martian stranded on Earth: Alexander Bogdanov, blood transfusions, and proletarian science*. University of Chicago Press, Chicago, IL, USA, 2011. ISBN 0-226-45412-6 (hardcover). xvi + 175 pp. LCCN QH305.2.S63 K74 2011.

**Kreiner:2021:OPO**

- [Kre21] Jamie Kreiner. Our pigs, ourselves. *Historical Studies in the Natural Sciences*, 51(4):553–??, September 2021. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/51/4/553/118594/Our-Pigs-Ourselves>.

**Krige:1999:FFE**

- [Kri99] John Krige. The Ford Foundation, European physics, and the Cold War. *Historical Studies in the Physical and Biological Sciences*, 29(2):333–361, 1999. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Krige:2001:FBC**

- [Kri01] John Krige. Felix Bloch and the creation of a ‘scientific spirit’ at CERN. *Historical Studies in the Physical and Biological Sciences*, 32(1):57–69, September 2001. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Krige:2005:PPC**

- [Kri05] John Krige. The politics of phosphorus-32: a Cold War fable based on fact. *Historical Studies in the Physical and Biological Sciences*, 36(1):71–91, September 2005. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Krige:2008:PAP**

- [Kri08] John Krige. The peaceful atom as political weapon: Euratom and American foreign policy in the late 1950s. *Historical Studies in the Natural Sciences*, 38(1):5–44, February 2008. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic).

- [Kuh84] **Kuhn:1984:RP**  
 Thomas S. Kuhn. Revisiting Planck. *Historical Studies in the Physical Sciences*, 14 (2):231–252, 1984. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757534>.
- [Kuk95] **Kuklick:1995:MM**  
 Henrika Kuklick. Mind over matter? *Historical Studies in the Physical and Biological Sciences*, 25(2):361–378, 1995. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Kus18] **Kushner:2018:QCR**  
 Birdie Kushner. The question concerning reproductive technology. *Historical Studies in the Natural Sciences*, 48(4):526–535, September 2018. ISSN 1939-1811 (print), 1939-182X (electronic).
- [Kut09] **Kutcher:2009:CMC**  
 Gerald Kutcher. *Contested medicine: cancer research and the military*. University of Chicago Press, Chicago, IL, USA, 2009. ISBN 0-226-46531-4 (hardcover). x + 247 pp. LCCN RC267 .K88 2009.
- [Kuz66] **Kuznetsov:1966:DBI**  
 V. I. Kuznetsov. The development of basic ideas in the field of catalysis. *Chymia: Annual Studies in the History of Chemistry*, 11(??):179–204, 1966. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757267>.
- [Kuz71] **Kuznetsov:1971:QRR**  
 Boris Kuznetsov. Quantum-relativistic retropection and the history of classical physics: Classical rationalism and non-classical science. *Historical Studies in the Physical Sciences*, 3(??):117–135, 1971. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757316>.
- [Kuz74] **Kuznetsov:1974:NSP**  
 Boris Kuznetsov. Nonclassical science and the philosophy of optimism. *Historical Studies in the Physical Sciences*, 4(??):197–231, 1974. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757331>.
- [KW96] **Kragh:1996:SST**  
 Helge Kragh and Stephen J. Weininger. Sooner silence than confusion: The tortuous entry of entropy into chemistry. *Historical Studies in the Physical and Biological Sciences*, 27(1):91–130, 1996. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Kwa93] **Kwa:1993:MG**  
 Chunglin Kwa. Modeling the grasslands. *Historical Stud-*

- ies in the Physical and Biological Sciences*, 24(1):125–155, ????. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Kwa18] Chunglin Kwa. The visual grasp of the fragmented landscape: Plant geographers vs. plant sociologists. *Historical Studies in the Natural Sciences*, 48(2):180–222, April 2018. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic).
- [Lae22] Whitney E. Laemmler. How to capture movement. *Historical Studies in the Natural Sciences*, 52(1):132–??, February 2022. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/52/1/132/120492/How-to-Capture-Movement>.
- [LAKAK66] Martin Levey, Noury Al-Khaledy, and Nowry Al-Khaledy. Chemistry in the medical formulary of Al-Samarqandi. *Chymia: Annual Studies in the History of Chemistry*, 11(??):37–44, ????. 1966. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757258>.
- [Lal13] Roberto Lalli. Anti-relativity in action: The scientific activ-
- ity of Herbert E. Ives between 1937 and 1953. *Historical Studies in the Natural Sciences*, 43(1):41–104, February 2013. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2013.43.1.41.pdf>.
- [Lam11] Tong Lam. *A passion for facts: social surveys and the construction of the Chinese nation state, 1900–1949*, volume 9 of *Asia Pacific modern*. University of California Press, Berkeley, CA, USA, 2011. ISBN 0-520-26786-9 (hardcover). xiii + 263 pp. LCCN HN740.Z9 S6752 2011.
- [Lam18] Jérôme Lamy. The measure of all things: Space oceanography and the TOPEX/POSEIDON Mission, 1980s 1990s. *Historical Studies in the Natural Sciences*, 48(4):403–440, September 2018. ISSN 1939-1811 (print), 1939-182X (electronic).
- [Lan10] Michael J. Lannoo. *Leopold’s shack and Ricketts’s lab: the emergence of environmentalism*. University of California Press, Berkeley, CA, USA, 2010. ISBN 0-520-26478-9 (hardcover). xix + 196 pp. LCCN GE195 .L37 2010.
- [Lan11] K. Maria D. Lane. *Geographies of Mars: seeing and know-*



*ing the Red Planet*. University of Chicago Press, Chicago, IL, USA, 2011. ISBN 0-226-47078-4 (hardcover). xiii + 266 pp. LCCN QB641 .L366 2011.

**Lancaster:2019:HSC**

[Lan19] Cheryl Lancaster. The history of stem cell research: A philosophical review. *Historical Studies in the Natural Sciences*, 49(4):447–458, September 2019. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

**Lans:2023:BS**

[Lan23] Aja M. Lans. Bioarchaeology of the self. *Historical Studies in the Natural Sciences*, 53(1): 79–??, February 2023. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/53/1/79/195536/Bioarchaeology-of-the-Self>.

**Larson:2017:NDS**

[Lar17] Carolyne R. Larson. “Noble and delicate sentiments”: Museum natural scientists as an emotional community in Argentina, 1862–1920. *Historical Studies in the Natural Sciences*, 47(1): 42–75, February 2017. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

**Laucht:2012:EGK**

[Lau12] Christoph Laucht. *Elemental Germans: Klaus Fuchs, Rudolf Peierls, and the making of British nuclear culture*

1939–59. Palgrave Macmillan, Houndmills, Basingstoke, Hampshire, UK, 2012. ISBN 0-230-35487-4 (hardcover). xiv + 274 pp. LCCN QC773.3.G7 L38 2012.

**Launius:2014:BRA**

[Lau14] Roger D. Launius. Book reviews:

Alexander C. T. Geppert, Ed. *Imagining Outer Space: European Astroculture in the Twentieth Century*. New York: Palgrave Macmillan, 2012. xxix + 393 pp., color plates, notes, index. ISBN 978-0-230-23172-6. \$105.00 (hardcover).; Matthew H. Hersch. *Inventing the American Astronaut*. New York: Palgrave Macmillan, 2012. x + 219 pp., illus., notes, selected biblio., index. ISBN 978-1-137-02528-9. \$27.00 (paper).; David P. D. Munns. *A Single Sky: How an International Community Forged the Science of Radio Astronomy*. Cambridge, MA: MIT Press, 2013. x + 247 pp., illus., biblio., index. ISBN 978-0-262-01833-3. \$34.00, £23.95 (hardcover).; Kendrick Oliver. *To Touch the Face of God: The Sacred, the Profane, and the American Space Program, 1957–1975*. Baltimore, MD: Johns Hopkins University Press, 2013. xii + 229 pp., illus., biblio. essay, index. ISBN 978-1-4214-0788-3. \$35.96 (hardcover).; Phil Tiemeyer.

**Lavine:2014:SAP**

Matthew Lavine. The science

- of automatic precision: The rise and fall of spectro-chrome therapy. *Historical Studies in the Natural Sciences*, 44(2):140–177, April 2014. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2014.44.2.140>. [Léc95]
- Levey:1959:SAM**
- [LB59] Martin Levey and J. E. Burke. A study of Ancient Mesopotamian bronze. *Chymia: Annual Studies in the History of Chemistry*, 5(??):37–50, ????. 1959. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757175>. [Léc06]
- Lecuyer:2010:MMD**
- [LB10] Christophe Lécuyer and David C. Brock. *Makers of the microchip: a documentary history of Fairchild Semiconductor*. MIT Press, Cambridge, MA, USA, 2010. ISBN 0-262-01424-6 (hardcover). xi + 312 pp. LCCN TK7871.85.L4167 2010.
- Lecuyer:1992:MSB**
- [Lec92] Christophe Lecuyer. The making of a science based technological university: Karl Compton, James Killian, and the reform of MIT, 1930–1957. *Historical Studies in the Physical and Biological Sciences*, 23(1):153–180, ????. 1992. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757693>.
- Lecuyer:1995:PRI**
- Christoph Lécuyer. MIT, progressive reform, and ‘industrial service,’ 1890–1920. *Historical Studies in the Physical and Biological Sciences*, 26(1):35–88, ????. 1995. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- Lecuyer:2006:MSV**
- Christophe Lécuyer. *Making Silicon Valley: innovation and the growth of high tech, 1930–1970*. Inside technology. MIT Press, Cambridge, MA, USA, 2006. ISBN 0-262-12281-2. x + 393 pp. LCCN HC107.C22 S395 2006. URL <http://www.h-net.org/review/hrev-a0f4a8-aa>.
- Leeds:2016:DCF**
- [Lee16] Adam E. Leeds. Dreams in cybernetic fugue: Cold War technoscience, the intelligentsia, and the birth of Soviet mathematical economics. *Historical Studies in the Natural Sciences*, 46(5):633–668, November 2016. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic).
- Lee:2018:MTJ**
- [Lee18] Victoria Lee. Microbial transformations: The Japanese domestication of penicillin production, 1946–1951. *Historical Studies in the Natural Sciences*, 48(4):441–474, September 2018. ISSN 1939-1811 (print), 1939-182X (electronic).

- [Leg15] Don Leggett. Book reviews: *A Vision of Modern Science: John Tyndall and the Role of the Scientist in Victorian Culture; ThermoPoetics: Energy in Victorian Literature and Science; Pursuing Power and Light: Technology and Physics from James Watt to Albert Einstein*; Communicating Physics: The Production, Circulation and Appropriation of Ganot's Textbooks in France and England, 1851–1887. *Historical Studies in the Natural Sciences*, 45(3):501–510, June 2015. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2015.45.3.501>.
- [Lei61] Henry M. Leicester. Biochemical concepts among the Ancient Greeks. *Chymia: Annual Studies in the History of Chemistry*, 7(??):9–35, ????. 1961. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757202>.
- [Lei48] Henry M. Leicester. Factors which led Mendeleev to the Periodic Law. *Chymia: Annual Studies in the History of Chemistry*, 1(??):67–74, ????. 1948. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757115>.
- [Lei59] Henry M. Leicester. The spread of the theory of Lavoisier in Russia. *Chymia: Annual Studies in the History of Chemistry*, 5(??):138–144, ????. 1959. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757181>.
- [Lek23] Thomas M. Lekan. “A delicate equilibrium of the most complex sort”: Competition and community in Edward F. Ricketts's tidepool ecologies, 1923–1948. *Historical Studies in the Natural Sciences*, 53(2):147–??, April 2023. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/53/2/147/196000/A-Delicate-Equilibrium-of-the-Most-Complex-Sort>.
- [Lel05] Benoit Lelong. Ions, electrometers, and physical constants: Paul Langevin's laboratory work on gas discharges, 1896–1903. *Historical Studies in the Physical and Biological Sciences*, 36(1):93–130, September 2005. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Lem49] Pierre Lemay. Désormes et Clément découvrent et expliquent la catalyse. (French)

**Leggett:2015:BRV****Leicester:1961:BCA****Lekan:2023:DEM****Leicester:1948:FWS****Lelong:2005:IEP****Leicester:1959:STL****Lemay:1949:DCD**

- [Lem18] Rebecca Lemov. An episode in the history of precrime. *Historical Studies in the Natural Sciences*, 48(5):637–647, November 2018. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Les81] [Désormes and Clément discover and explain catalysis]. *Chymia: Annual Studies in the History of Chemistry*, 2(??):45–49, ???? 1949. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757132>.
- [Les87] [Lemov:2018:EHP]
- [Len86] Timothy Lenoir. Models and instruments in the development of electrophysiology, 1845–1912. *Historical Studies in the Physical and Biological Sciences*, 17(1):1–54, ???? 1986. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757574>.
- [Leo09] [Leno:1986:MID]
- [Les01] [Leo09] Ellen Leopold. *Under the radar: cancer and the Cold War*. Critical issues in health and medicine. Rutgers University Press, New Brunswick, NJ, USA, 2009. ISBN 0-8135-4404-1. xi + 284 pp. LCCN RC276 .L46 2009. URL <http://www.loc.gov/catdir/toc/ecip0811/2008007751.html>.
- [Les81] [Lesch:1981:CCE]
- [Les87] [Les81] John E. Lesch. Conceptual change in an empirical science: The discovery of the first alkaloids. *Historical Studies in the Physical Sciences*, 11(2):305–328, ???? 1981. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757482>.
- [Les90] [Leslie:1987:PEG]
- [Les90] [Les87] Stuart W. Leslie. Playing the education game to win: The military and interdisciplinary research at Stanford. *Historical Studies in the Physical and Biological Sciences*, 18(1):55–88, ???? 1987. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757596>.
- [Les90] [Leslie:1990:PLM]
- [Les90] [Les90] Stuart W. Leslie. Profit and loss: The military and MIT in the postwar era. *Historical Studies in the Physical and Biological Sciences*, 21(1):59–85, ???? 1990. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757655>.
- [Les01] [Leslie:2001:BCS]
- [Les01] [Les90] Stuart W. Leslie. Blue collar science: Bringing the transistor to life in the Lehigh Valley. *Historical Studies in the Physical and Biological Sciences*, 32(1):

- 71–113, September 2001. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). [Lev60a]
- Lesch:2007:FMD**
- [Les07] John E. Lesch. *The first miracle drugs: how the sulfa drugs transformed medicine*. Oxford University Press, Walton Street, Oxford OX2 6DP, UK, 2007. ISBN 0-19-518775-X (cloth). x + 364 pp. LCCN RM666.S88 L47 2007. URL <http://www.loc.gov/catdir/enhancements/fy0726/2005036136-d.html>; <http://www.loc.gov/catdir/toc/ecip065/2005036136.html>.
- Leslie:2008:DKB**
- [Les08] Stuart W. Leslie. ‘A different kind of beauty’: Scientific and architectural style in I. M. Pei’s Mesa Laboratory and Louis Kahn’s Salk Institute. *Historical Studies in the Natural Sciences*, 38(2):173–221, May 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). [Lev61a]
- Levey:1959:RGA**
- [Lev59] Martin Levey. The refining of gold in Ancient Mesopotamia. *Chymia: Annual Studies in the History of Chemistry*, 5(?):31–36, ???? 1959. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757174>.
- Levey:1960:EMC**
- Martin Levey. Early Muslim chemistry: Its debt to Ancient Babylonia. *Chymia: Annual Studies in the History of Chemistry*, 6(?):20–26, ???? 1960. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757191>.
- Levey:1960:GAT**
- [Lev60b] Martin Levey. A group of Akkadian texts on perfumery. *Chymia: Annual Studies in the History of Chemistry*, 6(?):11–19, ???? 1960. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757190>.
- Levey:1961:AIA**
- [Lev61a] Martin Levey. Alberuni and Indian alchemy. *Chymia: Annual Studies in the History of Chemistry*, 7(?):36–39, ???? 1961. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757203>.
- Levey:1961:MIL**
- [Lev61b] Martin Levey. The manufacture of inks, liqs, erasure fluids, and glues — a preliminary survey in Arabic chemical technology. *Chymia: Annual Studies in the History of Chemistry*, 7(?):57–72, ???? 1961. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757205>.

**Levey:1961:SDA**

[Lev61c] Martin Levey. Studies in the development of atomic theory. *Chymia: Annual Studies in the History of Chemistry*, 7(?):40–56, ??? 1961. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757204>.

**Levey:1962:AAK**

[Lev62] Martin Levey. The Aqrābādīn of al-Kindī and early Arabic chemistry. *Chymia: Annual Studies in the History of Chemistry*, 8(?):11–20, ??? 1962. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757214>.

**Levey:1964:CTC**

[Lev64a] Martin Levey. Chemical technology and commercial law in early Islam. *Chymia: Annual Studies in the History of Chemistry*, 9(?):19–25, ??? 1964. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757228>.

**Levey:1964:CKA**

[Lev64b] Martin Levey. Chemistry in the “*Kitab Al-Sumum*” (“*Book of Poisons*”) by “Ibn Al-Wahshiya”. *Chymia: Annual Studies in the History of Chemistry*, 9(?):33–45, ??? 1964. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757230>.

**Levey:1964:SBI**

[Lev64c] Martin Levey. Some black inks in early Mediaeval Jewish literature. *Chymia: Annual Studies in the History of Chemistry*, 9(?):27–31, ??? 1964. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757229>.

**Levey:1966:CNE**

[Lev66] Martin Levey. Chemical notions of an early Ninth-Century Christian encyclopedist. *Chymia: Annual Studies in the History of Chemistry*, 11(?):29–36, ??? 1966. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757257>.

**Levey:1967:AMT**

[Lev67a] Martin Levey. Arabic mineralogy of the Tenth Century. *Chymia: Annual Studies in the History of Chemistry*, 12(?):15–26, ??? 1967. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757272>.

**Levey:1967:MAM**

[Lev67b] Martin Levey. Medieval Arabic minting of gold and silver coins. *Chymia: Annual Studies in the History of Chemistry*, 12(?):3–14, ??? 1967. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757271>.

- Levitt:2000:DPA**
- [Lev00] Martin Levitt. The development and politicization of the American helium industry, 1917–1940. *Historical Studies in the Physical and Biological Sciences*, 30 (2):333–347, 2000. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- Levin:2013:CWU**
- [Lev13] Matthew Levin. *Cold War university: Madison and the New Left in the sixties*. Studies in American thought and culture. The University of Wisconsin Press, Madison, 2013. ISBN 0-299-29284-3 (paperback), 0-299-29283-5 (e-book). vii + 224 + 14 pp. LCCN F589.M15 L48 2013.
- Lewis:2011:DFN**
- [Lew11] Andrew J. (Andrew John) Lewis. *A democracy of facts: natural history in the early republic*. Early American studies. University of Pennsylvania Press, Philadelphia, PA, USA, 2011. ISBN 0-8122-4308-0 (hardcover). 204 pp. LCCN QH21.U6 L48 2011.
- Lewenstein:2012:FKF**
- [Lew12] Bruce V. Lewenstein. Finding Kuhn, finding myself. *Historical Studies in the Natural Sciences*, 42(5):538–541, November 2012. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.538.pdf>.
- Lowe:2022:AWN**
- [LGSL<sup>+</sup>22] James Lowe, Miguel García-Sancho, Rhodri Leng, Mark Wong, Niki Vermeulen, and Gil Viry. Across and within networks: Thickening the history of genomics. *Historical Studies in the Natural Sciences*, 52 (3):443–??, June 2022. CODEN HSPSEW. ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/52/3/443/185527/Across-and-within-NetworksThickening-the-History>.
- Lindee:2005:MTG**
- [Lin05] M. Susan Lindee. *Moments of truth in genetic medicine*. The Johns Hopkins University Press, Baltimore, MD, USA, 2005. ISBN 0-8018-8175-7 (hardcover), 0-8018-9101-9 (paperback). xii + 270 pp. LCCN RB155 .L555 2005. URL <http://www.loc.gov/catdir/toc/ecip054/2004028267.html>.
- Lindee:2009:BRT**
- [Lin09] Susan Lindee. Book reviews: Transubstantiation in Science: Angela N. H. Creager, Elizabeth Lunbeck, and M. Norton Wise, eds. *Science Without Laws: Model Systems, Cases, Exemplary Narratives*. Durham, NC: Duke University Press, 2007. 287 pp., illus., index. ISBN 978-0-8223-4046-1. \$22.95

- (cloth). Jessica Riskin, ed. *Genesis Redux: Essays in the History and Philosophy of Artificial Life*. Chicago: University of Chicago Press, 2007. xv + 389 pp., illus., ISBN 978-0-226-72080-7. \$25.00 (cloth). *Historical Studies in the Natural Sciences*, 39(2):248–257, May 2009. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). [LK24]
- [Lin20] M. Susan Lindee. First peoples of the atomic age: Finding new kinds of data in the biobanks of the radiation effects research foundation. *Historical Studies in the Natural Sciences*, 50(5):554–??, November 2020. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/50/5/554/114254/First-Peoples-of-the-Atomic-AgeFinding-New-Kinds>. [LKB05]
- [Liu19] Daniel Liu. The artificial cell, the semipermeable membrane, and the life that never was, 1864–1901. *Historical Studies in the Natural Sciences*, 49(5):504–555, November 2019. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic).
- [LK50] Henry M. Leicester and Herbert S. Klickstein. Tenney Lombard Davis and the history of chemistry. *Chymia: Annual Studies in the History of Chemistry*, 3(??):1–16, ????? 1950. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757143>.
- [Lui:2024:GRH] Mary Ting Yi Lui and Theodore Kim. Global routes and hidden labor in the American Mathematical Society’s Cold War Chinese mathematics translation program. *Historical Studies in the Natural Sciences*, 54(3):291–??, June 2024. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/54/3/291/201969/Global-Routes-and-Hidden-Labor-in-the-American>.
- [Lykknes:2005:EGD] Annette Lykknes, Lise Kvittingen, and Anne Kristine Børresen. Ellen Gleditsch: Duty and responsibility in a research and teaching career, 1916–1946. *Historical Studies in the Physical and Biological Sciences*, 36(1):131–188, September 2005. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Lowe:2022:BPG] James Lowe, Rhodri Leng, Gil Viry, Mark Wong, Niki Vermeulen, and Miguel García-Sancho. The bricolage of pig genomics. *Historical Studies in the Natural Sciences*, 52



(3):401-??, June 2022. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/52/3/401/185530/The-Bricolage-of-Pig-Genomics>.

**Lemay:1948:PLD**

- [LO48] Pierre Lemay and Ralph E. Oesper. Pierre Louis Dulong, his life and work. *Chymia: Annual Studies in the History of Chemistry*, 1(??):171–190, ????. 1948. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757122>.

**Locher:2008:STE**

- [Loc08] Fabien Locher. *Le savant et la tempête: étudier l'atmosphère et prévoir le temps au XIXe siècle*. Collection Carnot. Presses universitaires de Rennes, Rennes, France, 2008. ISBN 2-7535-0696-5. xvi + 221 pp. LCCN QC857.F7 L63 2008.

**Long:2008:BRP**

- [Lon08] Pamela O. Long. Book reviews: Plants and Animals in History: The Study of Nature in Renaissance and Early Modern Europe: Brian W. Ogilvie. *The Science of Describing: Natural History in Renaissance Europe*. Chicago: University of Chicago Press, 2006. xvi + 385 pp., illus. ISBN 0-226-62087-5. \$45 (hardcover), \$27 (paper). Harold J. Cook. *Matters of Exchange: Commerce, Medicine, and Sci-*

*ence in the Dutch Golden Age*. New Haven: Yale University Press, 2007. xiv + 562 pp. 60 black and white illus. ISBN 978-0-300-11796-7. \$35 (hardcover). Alix Cooper. *Inventing the Indigenous: Local Knowledge and Natural History in Early Modern Europe*. Cambridge: Cambridge University Press, 2007. xi + 218 pp., illus. ISBN 978-0-521-87087-0. \$80 (hardcover). Antonio Barrera-Osorio. *Experiencing Nature: The Spanish American Empire and the Early Scientific Revolution*. Austin: University of Texas Press, 2006. xi + 211 pp., illus. ISBN 0-292-70981-1. \$45 (hardcover). *Historical Studies in the Natural Sciences*, 38(2):313–323, May 2008. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic).

**Long:2011:APR**

- [Lon11] Pamela O. Long. *Artisan/practitioners and the rise of the new sciences, 1400–1600*. The OSU Press Horning visiting scholars publication series. Oregon State University Press, Corvallis, OR, USA, 2011. ISBN 0-87071-609-3 (paperback), 0-87071-647-6 (e-book). xii + 196 pp. LCCN Q124.97 .L66 2011. URL <http://www.netread.com/jcusers/1309/2473069/image/lgcover.3175254.jpg>.

**Longino:2012:LTS**

- [Lon12] Helen E. Longino. Lessons from teaching the structure of sci-

- entific revolutions. *Historical Studies in the Natural Sciences*, 42(5):542–544, November 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.542.pdf>.
- [Low86a] Henry Lowood. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 16(2):371–377, ???? 1986. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757570>.
- [Low86b] Henry Lowood. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 17(1):183–190, ???? 1986. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757579>.
- [Low87] Henry Lowood. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 17(2):369–381, ???? 1987. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757590>.
- [Low88a] Henry Lowood. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 18(2):403–414, ???? 1988. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757608>.
- [Low88b] Henry Lowood. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 19(1):199–210, ???? 1988. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757622>.
- [Low89a] Henry Lowood. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 19(2):403–413, ???? 1989. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757629>.
- [Low89b] Henry Lowood. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 20(1):183–195, ???? 1989. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757639>.
- [Low90a] Henry Lowood. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 20(2):423–436, ???? 1990. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Lowood:1986:SBa****Lowood:1988:SBa****Lowood:1986:SBb****Lowood:1989:SBb****Lowood:1987:SB****Lowood:1989:SBa****Lowood:1988:SBb****Lowood:1990:SBb**

(electronic). URL <http://www.jstor.org/stable/27757649>.

**Lowood:1990:SBa**

- [Low90b] Henry Lowood. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 21(1):197–210, 1990. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757659>.

**Lowy:1990:VMD**

- [Löw90c] Ilana Löwy. Variances in meaning in discovery accounts: The case of contemporary biology. *Historical Studies in the Physical and Biological Sciences*, 21(1):87–121, 1990. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757656>.

**Lowood:1991:SB**

- [Low91] Henry Lowood. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 21(2):399–407, 1991. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757667>.

**Low:1999:SCS**

- [Low99] Morris Low. Science and civil society in Japan: Physicists as public men and policymakers. *Historical Studies in the Physical and Biological Sciences*, 30(1):193–225, 1999. CODEN HSPSEW. ISSN 0890-

9997 (print), 1533-8355 (electronic).

**Low:2006:APP**

- [Low06] Morris F. Low. Accelerators and politics in postwar Japan. *Historical Studies in the Physical and Biological Sciences*, 36(2):275–296, March 2006. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Lowengard:2023:DAB**

- [Low23] Sarah Lowengard. On the disappearance of the animal body: Animal fat, tallow, candles, soap, and chemistry before 1830. *Historical Studies in the Natural Sciences*, 53(3):242–??, June 2023. CODEN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/53/3/242/196657/On-the-Disappearance-of-the-Animal-BodyAnimal-Fat>.

**Lazaroff-Puck:2024:ELT**

- [LP24] Cameron Lazaroff-Puck. Empire-laden theory: The technological and colonial roots of Maxwell’s theories of electromagnetism. *Historical Studies in the Natural Sciences*, 54(1):42–??, February 2024. CODEN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/54/1/42/200202/Empire-Laden-TheoryThe-Technological-and-Colonial>.

- [LU13] **Lecuyer:2013:LMI**  
 Christophe Lécuyer and Takahiro Ueyama. The logics of materials innovation: The case of gallium nitride and blue light emitting diodes. *Historical Studies in the Natural Sciences*, 43(3):243–280, June 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2013.43.3.243.pdf>.
- [Luc08] **Lucier:2008:SSC**  
 Paul Lucier. *Scientists and swindlers: consulting on coal and oil in America, 1820–1890*. Johns Hopkins studies in the history of technology. The Johns Hopkins University Press, Baltimore, MD, USA, 2008. ISBN 0-8018-9003-9 (hardcover). xiii + 426 pp. LCCN Q127.U6 L83 2008. URL <http://www.loc.gov/catdir/toc/ecip0811/2008006551.html>.
- [Lyn12] **Lynch:2012:KSS**  
 Michael Lynch. Kuhn’s structure and science studies: a comment on commentaries. *Historical Studies in the Natural Sciences*, 42(5):545–550, November 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.545.pdf>.
- [Luk64] **Lukyanov:1964:FCL**  
 P. M. Luk’yanov. The first chemical laboratories in Russia. *Chymia: Annual Studies in the History of Chemistry*, 9(??):59–69, ???? 1964. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757232>.
- [LVGS<sup>+</sup>22] **Leng:2022:SSW**  
 Rhodri Leng, Gil Viry, Miguel García-Sancho, James Lowe, Mark Wong, and Niki Vermeulen. The sequences and the sequencers: What can a mixed-methods approach reveal about the history of genomics? *Historical Studies in the Natural Sciences*, 52(3):277–??, June 2022. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/52/3/277/185529/The-Sequences-and-the-Sequencers-What-Can-a-Mixed>.
- [Mac77] **MacKinnon:1977:HMR**  
 Edward MacKinnon. Heisenberg, models, and the rise of matrix mechanics. *Historical Studies in the Physical Sciences*, 8(??):137–188, ???? 1977. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757370>.
- [Mad17] **Madison:2017:PI**  
 Paige Madison. The paleontological imagination. *Historical Studies in the Natural Sciences*, 47(2):255–262, April 2017. CO-

- DEN ????. ISSN 1939-1811 (print), 1939-182X (electronic).
- Maltese:2000:LER**
- [Mal00] Guilio Maltese. The late entrance of Relativity into Italian scientific community (1906–1930). *Historical Studies in the Physical and Biological Sciences*, 31(1):125–173, ??? 2000. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- Martini:2012:AOH**
- [Mar12] Edwin A. Martini. *Agent Orange: history, science, and the politics of uncertainty*. Culture, politics, and the cold war. University of Massachusetts Press, Amherst, MA, USA, 2012. ISBN 1-55849-975-X (paperback), 1-55849-974-1 (library hardcover). xvi + 302 pp. LCCN DS559.8.C5 M37 2012.
- Martin:2015:FDP**
- [Mar15] Joseph D. Martin. Fundamental disputations: The philosophical debates that governed American physics, 1939–1993. *Historical Studies in the Natural Sciences*, 45(5):703–757, November 2015. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2015.45.5.703>.
- Martin:2016:SJR**
- [Mar16] Jennifer A. Martin. Seeing jaws: The role of shark science in ocean conservation. *Historical Studies in the Natural Sciences*, 46(1):67–100, February 2016. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic).
- Martin:2021:SAI**
- [Mar21] Joseph D. Martin. Science in the age of invincible surmise: Nuclear optimism and the Michigan memorial–Phoenix project. *Historical Studies in the Natural Sciences*, 51(2):179–??, April 2021. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/51/2/179/116758/Science-in-the-Age-of-Invincible-SurmiseNuclear>.
- Marino:2022:FCW**
- [Mar22] Julia Marino. Fighting the Cold War and the “Market War” through critical technologies, 1979–1992. *Historical Studies in the Natural Sciences*, 52(4):485–??, September 2022. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/52/4/485/191418/Fighting-the-Cold-War-and-the-Market-War-through>.
- Martin:2024:WSH**
- [Mar24] Joseph D. Martin. Why study the history of the natural sciences? *Historical Studies in the Natural Sciences*, 54(1):1–??, February 2024. CODEN ????. ISSN 1939-1811 (print), 1939-

182X (electronic). URL <https://online.ucpress.edu/hsns/article/54/1/1/200200/Why-Study-the-History-of-the-Natural-Sciences>.

**Masutti:2006:FCC**

- [Mas06] Christophe Masutti. Frederic Clements, climatology, and conservation in the 1930s. *Historical Studies in the Physical and Biological Sciences*, 37(1): 27–48, September 2006. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Mas:2022:HE**

- [Mas22] Catherine Mas. How not to be an expert. *Historical Studies in the Natural Sciences*, 52(1):136–??, February 2022. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/52/1/136/120494/How-Not-to-Be-an-Expert>.

**Mateos:2015:BRC**

- [Mat15] Gisela Mateos. Book review: Closing and opening doors: Spanish history of science and science historiographies in Spanish: Knowledge production, circulation, and asymmetries. Alexis De Grief. *A las puertas del universo derrotado*. Bogotá: Editorial Universidad Nacional de Colombia, 2012. 182 pp., illus., index. ISBN 978-958-761-142-7. \$15.46 (hardcover); Néstor Herrán and

Xavier Roqué, eds. *La física en la dictadura: Físicos, cultura y poder en España 1939–1975*. Barcelona: Universitat Autònoma de Barcelona, 2012. 310 pp., index. ISBN 978-84-490-3238-7. \$20.75 (paper).; Stefan Pohl Valero. *Energía y cultura: historia de la termodinámica en la España de la segunda mitad del siglo XX*. Bogotá: Editorial Pontificia Universidad Javeriana, Editorial Universidad del Rosario, 2011. 321 pp., index. ISBN 978-958-716-498-5. \$23 (paper). *Historical Studies in the Natural Sciences*, 45(1):198–205, February 2015. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2015.45.1.198>.

**Mauskopf:2012:TKC**

- [Mau12] Seymour H. Mauskopf. Thomas S. Kuhn and the chemical revolution. *Historical Studies in the Natural Sciences*, 42(5):551–556, November 2012. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.551.pdf>.

**Mayor:2005:FLF**

- [May05] Adrienne Mayor. *Fossil legends of the first Americans*. Princeton University Press, Princeton, NJ, USA, 2005. ISBN 0-691-11345-9 (cloth). xxxix + 446 pp. LCCN E58 .M36 2005. URL <http://www.loc>.

- gov/catdir/enhancements/fy0704/2004053234-d.html; <http://www.loc.gov/catdir/enhancements/fy0704/2004053234-t.html>; <http://www.loc.gov/catdir/enhancements/fy0737/2004053234-b.html>. [McC70]
- Mody:2013:MSN**
- [MC13] Cyrus C. M. Mody and Hyungsub Choi. From materials science to nanotechnology: Interdisciplinary center programs at Cornell University, 1960–2000. *Historical Studies in the Natural Sciences*, 43(2): 121–161, April 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2013.43.2.121.pdf>.
- McCray:2013:VEH**
- [McC3] Patrick (W. Patrick) McCray. *The Visioneers (eGalley): How a Group of Elite Scientists Pursued Space Colonies, Nanotechnologies, and a Limitless Future*. Princeton University Press, Princeton, NJ, USA, 2013 (?). ISBN 1-4008-9963-X. 341 pp. LCCN Q125 .M417 2012. URL <http://public.eblib.com/EBLPublic/PublicView.do?ptiID=979998>.
- McConnell:1964:CMH**
- [McC64] Virginia F. McConnell. Clara de Milt, historian of science. *Chymia: Annual Studies in the History of Chemistry*, 9(?): 201–215, ???? 1964. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757241>.
- McCormmach:1970:ELE**
- Russell McCormmach. Einstein, Lorentz, and the electron theory. *Historical Studies in the Physical Sciences*, 2(?):41–87, ???? 1970. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757304>.
- McCray:2004:PVC**
- [McC04] W. Patrick McCray. Project Vista, Caltech, and the dilemmas of Lee DuBridge. *Historical Studies in the Physical and Biological Sciences*, 34(2): 339–370, March 2004. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- McCray:2008:KWS**
- [McC08] Patrick (W. Patrick) McCray. *Keep watching the skies!: the story of Operation Moonwatch and the dawn of the space age*. Princeton University Press, Princeton, NJ, USA, 2008. ISBN 0-691-12854-5. xiii + 308 pp. LCCN QB33.U6 M33 2008. URL <http://www.loc.gov/catdir/enhancements/fy0835/2007941755-b.html>; <http://www.loc.gov/catdir/enhancements/fy0835/2007941755-d.html>;

<http://www.loc.gov/catdir/enhancements/fy0835/2007941755-t.html>.

**McCormmach:2015:HSP**

- [McC15] Russell McCormmach, editor. *Historical Studies in the Physical Sciences*, volume 7. Princeton University Press, Princeton, NJ, USA, 2015. ISBN 1-4008-7018-6. 528 pp. LCCN Q125; Q125 .H578 1976eb.

**McEvoy:2007:MPH**

- [McE07] John G. McEvoy. Modernism, postmodernism and the historiography of science. *Historical Studies in the Physical and Biological Sciences*, 37(2):383–408, March 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**McGovern:2018:TEH**

- [McG18] Michael F. McGovern. Toward an epistemic history of political things: Cartography, science, and states. *Historical Studies in the Natural Sciences*, 48(3):380–389, June 2018. ISSN 1939-1811 (print), 1939-182X (electronic).

**McManus:2022:SIC**

- [McM22] Alison Lynn McManus. Science, interrupted: Censorship and the problem of credit allocation in the American Advisory Committee on Scientific Publications, 1940–46. *Historical Studies in the Natural Sciences*, 52(1):80–??, February 2022. CODEN ???? ISSN 1939-1811 (print), 1939-182X (elec-

tronic). URL <https://online.ucpress.edu/hsns/article/52/1/80/120500/Science-InterruptedCensorship-and-the-Problem-of>.

**Moore:2023:I**

- [MCR23] Taylor M. Moore, Henry M. Cowles, and Chitra Ramalingam. Introduction. *Historical Studies in the Natural Sciences*, 53(1):71–??, February 2023. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/53/1/71/195531/> Introduction.

**Myers:2003:WIL**

- [MD03] Robert A. Myers and Richard W. Dixon. Who invented the laser: An analysis of the early patents. *Historical Studies in the Physical and Biological Sciences*, 34(1):115–149, September 2003. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Meister:2023:COF**

- [Mei23] Anna-Maria Meister. Coded objects: The forms of proto-algorithmic thinking. *Historical Studies in the Natural Sciences*, 53(5):518–??, November 2023. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/53/5/518/198194/Coded-ObjectsThe-Forms-of-Proto-Algorithmic>.



- [Mel80] **Melhado:1980:MDI**  
 Evan M. Melhado. Mitscherlich's discovery of isomorphism. *Historical Studies in the Physical Sciences*, 11(1):87–123, 1980. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757472>.
- [Mel83] **Melhado:1983:OPC**  
 Evan M. Melhado. Oxygen, phlogiston, and caloric: The case of Guyton. *Historical Studies in the Physical Sciences*, 13(2):311–334, 1983. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757518>.
- [Mel93] **Meli:1993:ERF**  
 Domenico Bertoloni Meli. The emergence of reference frames and the transformation of mechanics in the enlightenment. *Historical Studies in the Physical and Biological Sciences*, 23(2):301–335, 1993. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757701>.
- [Men21] **Menzel:2021:WRL**  
 Julia Harriet Menzel. Wilsonian renormalization in the 1970s: Labor markets, geopolitics, and the rise of a new theory. *Historical Studies in the Natural Sciences*, 51(5):605–??, November 2021. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/51/5/605/119067/Wilsonian-Renormalization-in-the-1970sLabor>.
- [Mil49] **Miles:1949:SKD**  
 Wyndham Miles. Sir Kenelm Digby, alchemist, scholar, courtier, and man of adventure. *Chymia: Annual Studies in the History of Chemistry*, 2(??):119–128, 1949. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757138>.
- [Mil50] **Miles:1950:EAC**  
 Wyndham Miles. Early American chemical societies: 1. the 1789 Chemical Society of Philadelphia 2. the Chemical Society of Philadelphia. *Chymia: Annual Studies in the History of Chemistry*, 3(??):95–113, 1950. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757148>.
- [Mil53] **Miles:1953:BRC**  
 Wyndham Miles. Benjamin Rush, chemist. *Chymia: Annual Studies in the History of Chemistry*, 4(??):iv + 37–77, 1953. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757159>.
- [Mil59] **Miles:1959:CCS**  
 Wyndham D. Miles. The Columbian Chemical Society. *Chymia: Annual Studies in the*

*History of Chemistry*, 5(??): 145–154, ??? 1959. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757182>.

**Miles:1961:SHD**

- [Mil61] Wyndham D. Miles. “Sir Humphrey Davie, the prince of agricultural chemists”. *Chymia: Annual Studies in the History of Chemistry*, 7(??):126–134, ??? 1961. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757209>.

**Miles:1966:JCB**

- [Mil66] Wyndham D. Miles. With James Curtis Booth in Europe, 1834. *Chymia: Annual Studies in the History of Chemistry*, 11(??):139–149, ??? 1966. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757264>.

**Mills:1990:UMC**

- [Mil90] Eric L. Mills. Useful in many capacities. an early career in American physical oceanography. *Historical Studies in the Physical and Biological Sciences*, 20(2): 265–311, ??? 1990. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757645>.

**Miller:1999:XLZ**

- [Mil99] H. Lyman Miller. Xu Liangying and He Zuoxiu: Divergent

responses to physics and politics in the post-Mao period. *Historical Studies in the Physical and Biological Sciences*, 30(1):89–114, ??? 1999. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Milam:2010:EFW**

- [Mil10a] Erika Lorraine Milam. The equally wonderful field: Ernst Mayr and organismic biology. *Historical Studies in the Natural Sciences*, 40(3):279–317, August 2010. CODEN ??? ISSN 1939-1811 (print), 1939-182X (electronic).

**Milam:2010:LFG**

- [Mil10b] Erika Lorraine Milam. *Looking for a few good males: female choice in evolutionary biology*. Animals, history, culture. The Johns Hopkins University Press, Baltimore, MD, USA, 2010. ISBN 0-8018-9419-0 (hardcover). 236 pp. LCCN QL761 .M48 2010.

**Milam:2020:ISI**

- [Mil20] Erika Lorraine Milam. Introduction to special issue: Temporal horizons. *Historical Studies in the Natural Sciences*, 50(1–2):1–4, April 2020. CODEN ??? ISSN 1939-1811 (print), 1939-182X (electronic).

**Miri:2021:FVB**

- [Mir21] Johnny Miri. The fall of Vannevar Bush: The forgotten war for control of science policy in

- postwar America. *Historical Studies in the Natural Sciences*, 51(4):507–??, September 2021. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/51/4/507/118593/The-Fall-of-Vannevar-BushThe-Forgotten-War-for>. [MK20]
- [Mit21] M. X. Mitchell. Book review: *Border Crossings. Historical Studies in the Natural Sciences*, 51(3):414–??, June 2021. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/51/3/414/117358/Border-Crossings>. [MM75]
- [Mit23] Elise A. Mitchell. On slavery, medicine, speculation, and the archive. *Historical Studies in the Natural Sciences*, 53(1):82–??, February 2023. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/53/1/82/195537/On-Slavery-Medicine-Speculation-and-the-Archive>. [MMMSD21]
- [MJ15] Joseph D. Martin and Michel Janssen. Beyond the crystal maze: Twentieth-century physics from the vantage point of solid state physics. *Historical Studies in the Natural Sciences*, 45(5):631–640, November 2015. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2015.45.5.631>.
- Joseph D. Martin, Gisela Mateos, David P. D. Munns, and Edna Suárez-Díaz. Special issue introduction: Historical peculiarity and the Order of the Phoenix. *Historical Studies in the Natural Sciences*, 51(2):169–??, April 2021. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/51/2/169/116760/Special-Issue->

**Menzel:2020:WCW**

Julia Harriet Menzel and David Kaiser. Weimar, Cold War, and historical explanation: Re-reading Forman. *Historical Studies in the Natural Sciences*, 50(1–2):31–40, April 2020. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic).

**McEvoy:1975:GNP**

J. G. McEvoy and J. E. McGuire. God and nature: Priestley’s way of rational dissent. *Historical Studies in the Physical Sciences*, 6(?):325–404, ????? 1975. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757344>.

**Martin:2021:SII**

Joseph D. Martin, Gisela Mateos, David P. D. Munns, and Edna Suárez-Díaz. Special issue introduction: Historical peculiarity and the Order of the Phoenix. *Historical Studies in the Natural Sciences*, 51(2):169–??, April 2021. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/51/2/169/116760/Special-Issue->

**Mitchell:2021:BRB**

[Mit21] M. X. Mitchell. Book review: *Border Crossings. Historical Studies in the Natural Sciences*, 51(3):414–??, June 2021. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/51/3/414/117358/Border-Crossings>.

**Mitchell:2023:SMS**

[Mit23] Elise A. Mitchell. On slavery, medicine, speculation, and the archive. *Historical Studies in the Natural Sciences*, 53(1):82–??, February 2023. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/53/1/82/195537/On-Slavery-Medicine-Speculation-and-the-Archive>.

**Martin:2015:BCM**

[MJ15] Joseph D. Martin and Michel Janssen. Beyond the crystal maze: Twentieth-century physics from the vantage point of solid state physics. *Historical*

IntroductionHistorical-  
Peculiarity.

**Martin-Nielsen:2018:CCW**

- [MN18] Janet Martin-Nielsen. Computing the climate: When models became political. *Historical Studies in the Natural Sciences*, 48(2):223–245, April 2018. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic).

**Mutis:2009:FNM**

- [MOBG09] José Celestino Mutis, Pedro Ortiz Valdivieso, J. E. (Jaime E.) Bernal Villegas, and Alberto Gómez Gutiérrez. *Filosofía natural mutisiana: edición facsimilar y estudio de un manuscrito inédito de José Celestino Mutis y Bosio, correspondiente a su tercera Oración inaugural pronunciada en el Colegio Mayor de Nuestra Señora del Rosario, Santafé, octubre de 1764*. Colección Mutisiana. Pontificia Universidad Javeriana, Bogotá, 2009. ISBN 958-716-263-3. 249 pp. LCCN BD581 .M88 2009.

**Mody:2008:BRH**

- [Mod08] Cyrus C. M. Mody. Book reviews: How I Learned to Stop Worrying and Love the Bomb, the Nuclear Reactor, the Computer, Ham Radio, and Recombinant DNA: Atsushi Akera. *Calculating a Natural World: Scientists, Engineers, and Computers during the Rise of U.S. Cold War Research*. Cambridge, MA: MIT Press, 2007. ix + 427 pp., illus., index. ISBN 978-

0262-01231-7. \$40 (hardcover). Mark D. Bowles. *Science in Flux: NASA's Nuclear Program at Plum Brook Station, 1955–2005*. Washington, DC: National Aeronautics and Space Administration, 2006. xxix + 335 pp., illus., index. NASA SP-2006-4317. \$0 (digital) or \$49 (hardcover). Kristen Haring. *Ham Radio's Technical Culture*. Cambridge, MA: MIT Press, 2007. xvii + 220 pp., illus., index. ISBN 978-0262-08355-3. \$27.95 (hardcover). Scott Kirsch. *Proving Grounds: Project Plowshare and the Unrealized Dream of Nuclear Earthmoving*. New Brunswick: Rutgers University Press, 2005. xi + 257 pp., illus., index. ISBN 978-08135-3666-8. *Historical Studies in the Natural Sciences*, 38(3):451–461, August 2008. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic).

**Mody:2012:ICP**

- [Mod12] Cyrus C. M. Mody. *Instrumental community: probe microscopy and the path to nanotechnology*. Inside technology. MIT Press, Cambridge, MA, USA, 2012. ISBN 0-262-13494-2, 0-262-29818-X (e-book). xiii + 260 pp. LCCN T174.7 .M63 2011. URL <http://mitpress-ebooks.mit.edu/product/instrumental-community>; <http://muse.jhu.edu/books/9780262298186/>.

**Mody:2020:HSW**

- [Mod20] Cyrus C. M. Mody. Historical studies in which sciences? The revolving door of engineering and technology. *Historical Studies in the Natural Sciences*, 50(1–2):41–49, April 2020. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

**Monaldi:2008:IOD**

- [Mon08] Daniela Monaldi. The indirect observation of the decay of mesotrons: Italian experiments on cosmic radiation, 1937–1943. *Historical Studies in the Natural Sciences*, 38(3):353–404, August 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

**Moore:2016:RWB**

- [Moo16] Kelly Moore. Review: *The Wild Borderlands of Science and Technology*. *Historical Studies in the Natural Sciences*, 46(1):101–109, February 2016. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

**Moore:2023:CA**

- [Moo23] Taylor M. Moore. The cool air. *Historical Studies in the Natural Sciences*, 53(1):86–??, February 2023. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/53/1/86/195539/The-Cool-Air>.

**Morrell:1971:ISB**

- [Mor71] J. B. Morrell. Individualism and the structure of British science in 1830. *Historical Studies in the Physical Sciences*, 3(??):183–204, ???? 1971. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757318>.

**Morrell:1992:RPC**

- [Mor92] Jack Morrell. Research in physics at the Clarendon Laboratory, Oxford, 1919–1939. *Historical Studies in the Physical and Biological Sciences*, 22(2):263–307, ???? 1992. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757683>.

**Moran:2005:DKA**

- [Mor05] Bruce T. Moran. *Distilling knowledge: alchemy, chemistry, and the scientific revolution*. New histories of science, technology, and medicine. Harvard University Press, Cambridge, MA, USA, 2005. ISBN 0-674-01495-2. 210 pp. LCCN QD15 .M67 2005.

**Morus:2009:BRS**

- [Mor09] Iwan Rhys Morus. Book review: Sensational, Spectacular Science: Myles W. Jackson. *Harmonious Triads: Physicists, Musicians, and Instrument Makers in Nineteenth-Century Germany*. Cambridge, MA: MIT Press, 2006. x + 395

pp., illus., index. ISBN 978-0-262-10116-5. \$40.00 (cloth). Chris Otter. *The Victorian Eye*. Chicago: University of Chicago Press, 2008. x + 382 pp., illus., index. ISBN 978-0-226-64076-1. \$65.00 (cloth). Jonathan Smith. *Charles Darwin and Victorian Visual Culture*. Cambridge: Cambridge University Press, 2006. xxiii + 349 pp., illus., index. ISBN 978-0-521-85690-4. \$116.00 (cloth). *Historical Studies in the Natural Sciences*, 39(3):356–366, August 2009. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic).

**Moreira:2021:BRA**

[Mor21a] Tiago Moreira. Book review: Aging: Remaking science, technology, and medicine. *Historical Studies in the Natural Sciences*, 51(2):274–??, April 2021. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/51/2/274/116759/AgingRemaking-Science-Technology-and-Medicine>.

**Morus:2021:BRS**

[Mor21b] Iwan Rhys Morus. Book review: *Social Scientists*. *Historical Studies in the Natural Sciences*, 51(5):634–??, November 2021. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/>

51/5/634/119065/Social-Scientists.

**Mateos:2021:DPL**

[MSD21] Gisela Mateos and Edna Suárez-Díaz. “The door to the promised land of atomic peace and plenty”: Mexican students and the Phoenix Memorial Project. *Historical Studies in the Natural Sciences*, 51(2):209–??, April 2021. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/51/2/209/116756/The-Door-to-the-Promised-Land-of-Atomic-Peace-and>.

**Mukerji:2009:IET**

[Muk09] Chandra Mukerji. *Impossible engineering: technology and territoriality on the Canal du Midi*. Princeton studies in cultural sociology. Princeton University Press, Princeton, NJ, USA, 2009. ISBN 0-691-14032-4 (hardcover). xix + 304 pp. LCCN HE445.M52 M85 2009.

**Mukharji:2020:BHI**

[Muk20] Projit Bihari Mukharji. Bloodworlds: A hematology of the 1952 Indo–Australian Genetical Survey of the Chenchus. *Historical Studies in the Natural Sciences*, 50(5):525–??, November 2020. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/50/5/525/114253/>

BloodworldsA-Hematology-  
of-the-1952-Indo.

**Mulcahy:2008:HSB**

- [Mul08] Matthew Mulcahy. *Hurricanes and society in the British Greater Caribbean, 1624–1783*. Early America: history, context, culture. The Johns Hopkins University Press, Baltimore, MD, USA, 2008. ISBN 0-8018-9079-9. ix + 257 pp. LCCN GF526. URL <http://www.gbv.de/dms/bowker/toc/9780801882234>.

**Mullaney:2012:CTN**

- [Mul12] Thomas Shawn Mullaney. *Coming to terms with the nation: ethnic classification in modern China*, volume 18 of *Asia - local studies/global themes*. University of California Press, Berkeley, CA, USA, 2012. ISBN 0-520-27274-9 (paperback). xxiv + 232 pp. LCCN DS730 .M85 2012.

**Mundy:1967:ADS**

- [Mun67] B. W. Mundy. Avogadro on the degree of submolecularity of molecules. *Chymia: Annual Studies in the History of Chemistry*, 12(?):151–155, 1967. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757278>.

**Munns:1997:LAR**

- [Mun97] David Munns. Linear accelerators, radio astronomy, and Australia’s search for international prestige, 1944–1948. *Historical*

*Studies in the Physical and Biological Sciences*, 27(2):299–317, 1997. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Munns:2003:IWB**

- [Mun03] David Munns. If we build it, who will come? Radio astronomy and the limitations of “national” laboratories in Cold War America. *Historical Studies in the Physical and Biological Sciences*, 34(1):95–113, September 2003. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Munz:2011:MGC**

- [Mun11] Tania Munz. “My Goose Child Martina”. *Historical Studies in the Natural Sciences*, 41(4):405–446, November 2011. CODEN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2011.41.4.405>.

**Munday:2012:CNW**

- [Mun12] Lisa M. Munday. The civilianization of a nuclear weapon effects test: Operation ARGUS. *Historical Studies in the Natural Sciences*, 42(4):283–321, September 2012. CODEN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2012.42.4.283>.

- [Mun13] **Munns:2013:SSH**  
David P. D. Munns. *A single sky: how an international community forged the science of radio astronomy*. MIT Press, Cambridge, MA, USA, 2013. ISBN 0-262-01833-0 (hardcover). xi + 247 pp. LCCN QB475.A25 M86 2013.
- [Mun21] **Munns:2021:TSP**  
David P. D. Munns. Teaching in a swimming pool: The Ford nuclear reactor and the training of the atomic age. *Historical Studies in the Natural Sciences*, 51(2):232–??, April 2021. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/51/2/232/116755/Teaching-in-a-Swimming-PoolThe-Ford-Nuclear>.
- [MW18] **Muller-Wille:2018:MUP**  
Staffan Müller-Wille. Making and unmaking populations. *Historical Studies in the Natural Sciences*, 48(5):604–615, November 2018. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [MWR07] **Muller-Wille:2007:HPC**  
Staffan Müller-Wille and Hans-Jörg Rheinberger, editors. *Heredity produced: at the crossroads of biology, politics, and culture, 1500–1870*. Transformations. MIT Press, Cambridge, MA, USA, 2007. ISBN 0-262-13476-4. x + 496 + 2 pp. LCCN QH431.H434 2007. URL <http://www.loc.gov/catdir/toc/ecip0617/2006023090.html>.
- [Nav16] **Navarro:2016:EWO**  
Jaume Navarro. Ether and wireless: An old medium into new media. *Historical Studies in the Natural Sciences*, 46(4):460–489, September 2016. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Ndi07] **Ndiaye:2007:NBD**  
Pap Ndiaye. *Nylon and bombs: DuPont and the march of modern America*. Studies in industry and society. The Johns Hopkins University Press, Baltimore, MD, USA, 2007. ISBN 0-8018-8444-6 (hardcover). 289 + 8 pp. LCCN HD9651.9.D8 N3513 2007. URL <http://www.loc.gov/catdir/enhancements/fy0703/2006004143-b.html>; <http://www.loc.gov/catdir/enhancements/fy0703/2006004143-d.html>; <http://www.loc.gov/catdir/toc/ecip068/2006004143.html>.
- [Neb94] **Nebeker:1994:ESH**  
Frederik Nebeker. Experimental style in high-energy physics: The discovery of the upsilon particle. *Historical Studies in the Physical and Biological Sciences*, 25(1):137–164, ???? 1994. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).



- [Nee83] **Needell:1983:NRF**  
Allan A. Needell. Nuclear reactors and the founding of Brookhaven National Laboratory. *Historical Studies in the Physical Sciences*, 14(1): 93–122, 1983. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757526>.
- [Nee87] **Needell:1987:PSA**  
Allan A. Needell. Preparing for the space age: University-based research, 1946–1957. *Historical Studies in the Physical and Biological Sciences*, 18(1): 89–109, 1987. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757597>.
- [Nep60] **Nepomucene:1960:RMC**  
St. John Nepomucene. Rydberg: The man and the constant. *Chymia: Annual Studies in the History of Chemistry*, 6(??):127–145, 1960. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757195>.
- [Nes13] **Neswald:2013:SIC**  
Elizabeth Neswald. Strategies of international community-building in early twentieth-century metabolism research: The foreign laboratory visits of Francis Gano Benedict. *Historical Studies in the Natural Sciences*, 43(1):1–40, February 2013. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2013.43.1.1.pdf>.
- [Neu14] **Neufeld:2014:FMP**  
Michael J. Neufeld. First mission to Pluto: Policy, politics, science, and technology in the origins of new horizons, 1989–2003. *Historical Studies in the Natural Sciences*, 44(3):234–276, June 2014. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2014.44.3.234>.
- [Nev62] **Neville:1962:OMF**  
Roy G. Neville. “*Observations sur la Mine de Fer de Bagory*” (1767), an unpublished manuscript by P.-J. Macquer. *Chymia: Annual Studies in the History of Chemistry*, 8(??):89–96, 1962. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757219>.
- [Nev65] **Neville:1965:CGT**  
Roy G. Neville. Christophle Glaser and the “*Traité de la Chymie*,” 1663. *Chymia: Annual Studies in the History of Chemistry*, 10(??):25–52, 1965. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757246>.

- [NG12] **Nieto-Galan:2012:RNH**  
 Agustí Nieto-Galan. A republican natural history in Spain around 1900: Odóe Buen (1863–1945) and his audiences. *Historical Studies in the Natural Sciences*, 42(3):159–189, June 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2012.42.3.159>.
- [Ng19] **Ng:2019:BSR**  
 Queenie Ng. Biographies in shaping and reshaping science. *Historical Studies in the Natural Sciences*, 49(3):338–349, June 2019. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Nic24] **Nichols:2024:HPS**  
 Tiffany Nichols. Hidden in plain sight: Discerning signal from noise in the expanded laboratory environment. *Historical Studies in the Natural Sciences*, 54(3):335–??, June 2024. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/54/3/335/201971/Hidden-in-Plain-SightDiscerning-Signal-from-Noise>.
- [Nie89] **Nielsen:1989:AKL**  
 Keld Nielsen. Another kind of light: The work of T. J. Seebeck and his collaboration with Goethe. Part I. *Historical Studies in the Physical and Biological Sciences*, 20(1):107–178, ???? 1989. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757637>.
- [Nie91] **Nielsen:1991:AKL**  
 Keld Nielsen. Another kind of light: The work of T. J. Seebeck and his collaboration with Goethe, part 2. *Historical Studies in the Physical and Biological Sciences*, 21(2):317–397, ???? 1991. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757666>.
- [Nis76] **Nisio:1976:MTH**  
 Sigeko Nisio. In memoriam: Tetu Hirose (1928–1975). *Historical Studies in the Physical Sciences*, 7(??):488–489, ???? 1976. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757362>.
- [Nof21] **Nofre:2021:PEP**  
 David Nofre. The politics of early programming languages: IBM and the Algol Project. *Historical Studies in the Natural Sciences*, 51(3):379–??, June 2021. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/51/3/379/117357/The-Politics-of-Early-Programming-LanguagesIBM-and>.

- [Nor84] **Norton:1984:HEF**  
John Norton. How Einstein found his field equations: 1912–1915. *Historical Studies in the Physical Sciences*, 14(2): 253–316, 1984. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757535>. Reprinted in [HS89, 101–159].
- [Nov12] **November:2012:BCD**  
Joseph November. Adam November. *Biomedical computing: digitizing life in the United States*, volume 130 (series 2) of *Johns Hopkins University studies in historical and political science*. The Johns Hopkins University Press, Baltimore, MD, USA, 2012. ISBN 1-4214-0468-0 (hardcover). xvi + 344 pp. LCCN R858 .N68 2012. URL <http://catalogue.bnf.fr/ark:/12148/cb427367061>.
- [Nov15] **Novoa:2015:BRI**  
Adriana Novoa. Book reviews: The intertwined paths of science, slavery, and race: Judith Carney and Richard Nicholas Rosomoff. *In the Shadow of Slavery: Africa's Botanical Legacy in the Atlantic World*. Berkeley: University of California, 2009. 280 pp., illus. ISBN: 0-520-25750-2. ISBN: 978-0-520-25750-4. \$46.04 (cloth), \$22.69 (paper); Andrew Curran. *The Anatomy of Blackness: Science & Slavery in an Age of Enlightenment*. Baltimore: Johns Hopkins University Press, 2011. 310 pp., illus. ISBN: 1-4214-0965-8. ISBN: 978-1-4214-0965-8. \$65.33 (cloth), \$26.96 (paper); Ann Fabian. *The Skull Collectors: Race, Science, And America's Unburied*. Chicago: The University of Chicago Press, 2010. 270 pp., illus., ISBN: 978-0-226-23348-2. ISBN: 0-226-23348-0. \$19.99 (cloth). *Historical Studies in the Natural Sciences*, 45(2):348–356, April 2015. CODEN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2015.45.2.348>.
- [NR13] **Nestor:2013:ASP**  
Herran Néstor and Xavier Roqué. An autarkic science: Physics, culture, and power in Franco's Spain. *Historical Studies in the Natural Sciences*, 43(2):202–235, April 2013. CODEN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2013.43.2.202.pdf>.
- [NTT10] **Nierenberg:2010:ECC**  
Nicolas Nierenberg, Walter R. Tschinkel, and Victoria J. Tschinkel. Early climate change consensus at the National Academy: The origins and making of changing climate. *Historical Studies in the Natural Sciences*, 40(3):318–349, August 2010. CODEN 1939-

- 1811 (print), 1939-182X (electronic).
- [Num07] Tara E. Nummedal. *Alchemy and authority in the Holy Roman Empire*. University of Chicago Press, Chicago, IL, USA, 2007. ISBN 0-226-60856-5 (cloth). xvii + 260 pp. LCCN QD13 .N86 2007. URL <http://www.loc.gov/catdir/enhancements/fy0827/2007002521-b.html>; <http://www.loc.gov/catdir/enhancements/fy0827/2007002521-d.html>; <http://www.loc.gov/catdir/toc/ecip079/2007002521.html>.
- [Nur21] Ayah Nuriddin. Black public health. *Historical Studies in the Natural Sciences*, 51(1):151–??, February 2021. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/51/1/151/116287/Black-Public-Health>.
- [NV17] Lynn K. Nyhart and Florence Vienne. Introduction to special issue: Revolutionary politics and biological organization in Nineteenth-Century France and Germany. *Historical Studies in the Natural Sciences*, 47(5):589–601, November 2017. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [NVHB24] Tahani Nadim, Mareike Vennen, Ina Heumann, and Filippo Bertoni. Logistical natures: Trade, traffics, and transformations in natural history collecting. *Historical Studies in the Natural Sciences*, 54(2):125–??, April 2024. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/54/2/125/200666/Logistical-NaturesTrade-Traffics-and>.
- [Nye74] Mary Jo Nye. Gustave LeBon's black light: a study in physics and philosophy in France at the turn of the century. *Historical Studies in the Physical Sciences*, 4(??):163–195, ???? 1974. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757330>.
- [Nye80] Mary Jo Nye. *N-rays: An episode in the history and psychology of science*. *Historical Studies in the Physical Sciences*, 11(1):125–156, ???? 1980. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757473>.
- [Nye83] Mary Jo Nye. Review: Recent sources and problems in the

**Nummedal:2007:AAH****Nadim:2024:LNT****Nuriddin:2021:BPH****Nye:1974:GLB****Nyhart:2017:ISI****Nye:1980:REH****Nye:1983:RRS**

- history of French science. *Historical Studies in the Physical Sciences*, 13(2):401–415, 1983. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757521>. [Nye11]
- [nye07] Mary Jo Nye. Historical sources of science-as-social-practice: Michael Polanyi's Berlin. *Historical Studies in the Physical and Biological Sciences*, 37(2): 409–434, March 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). [Nye12]
- [Nye09] Mary Jo Nye. Book reviews: Scientific Families: Biographies and 'Labographies' in the History of Science: Deborah R. Coen. *Vienna in the Age of Uncertainty: Science, Liberalism, and Private Life*. Chicago: University of Chicago Press, 2007. xi + 380 pp., illus., index. ISBN 978-0-226111-72-8. \$45 (cloth). Michael Hoskin. *The Herschels of Hanover*. Cambridge: Science History Publications, 2007. x + 182 pp., illus., index. ISBN 978-0-905193-07-6. \$52 (cloth). Laura Otis. *Müller's Lab*. Oxford: Oxford University Press, 2007. xix + 316 pp., illus., index. ISBN 978-0-195306-97-2. \$55 (cloth). *Historical Studies in the Natural Sciences*, 39(1): 104–114, February 2009. CO- DEN 1533-8355 (print), 1533-8355 (electronic). ISSN 1533-8355 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757521>. [Nyh09]
- DEN 1533-8355 (print), 1533-8355 (electronic). ISSN 1533-8355 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757521>. [Nye2011:MPH]
- Mary Jo Nye. *Michael Polanyi and his generation: origins of the social construction of science*. University of Chicago Press, Chicago, IL, USA, 2011. ISBN 0-226-61063-2 (hardcover). xxi + 405 pp. LCCN B945.P584 N94 2011. [Nye:2012:TKC]
- Mary Jo Nye. Thomas Kuhn, case histories, and revolutions. *Historical Studies in the Natural Sciences*, 42(5):557–561, November 2012. CODEN 1533-8355 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.557.pdf>. [Nye:2017:A]
- Mary Jo Nye. Afterword. *Historical Studies in the Natural Sciences*, 47(3):443–449, June 2017. CODEN 1533-8355 (print), 1533-8355 (electronic). [Nyhart:2009:MNR]
- Lynn K. Nyhart. *Modern nature: the rise of the biological perspective in Germany*. University of Chicago Press, Chicago, IL, USA, 2009. ISBN 0-226-61089-6 (cloth). xiv + 423 pp. LCCN QH540.83.G3 N94 2009. URL <http://www.loc.gov/catdir/toc/ecip0822/2008026875.html>.

- [Nyh17] **Nyhart:2017:POC**  
Lynn K. Nyhart. The political organism: Carl Vogt on animals and states in the 1840s and '50s. *Historical Studies in the Natural Sciences*, 47(5):602–628, November 2017. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [O’C07] **OConnor:2007:ESF** [OD23]  
Ralph O’Connor. *The Earth on show: fossils and the poetics of popular science, 1802–1856*. University of Chicago Press, Chicago, IL, USA, 2007. ISBN 0-226-61668-1. xiii + 541 + 6 pp. LCCN QE13.G7 O35 2007. URL <http://www.loc.gov/catdir/enhancements/fy0732/2007028061-d.html>; <http://www.loc.gov/catdir/enhancements/fy0827/2007028061-b.html>; <http://www.loc.gov/catdir/toc/ecip0722/2007028061.html>. [Ogi06]
- [OC10] **Oreskes:2010:MDH**  
Naomi Oreskes and Erik M. Conway. *Merchants of doubt: how a handful of scientists obscured the truth on issues from tobacco smoke to global warming*. Bloomsbury Press, New York, NY, USA, 2010. ISBN 1-59691-610-9. 355 pp. LCCN Q147 .O74 2010.
- [OCS08] **Oreskes:2008:CLD** [OL50]  
Naomi Oreskes, Erik M. Conway, and Matthew Shindell. From Chicken Little to Dr.
- Pangloss: William Nierenberg, global warming, and the social deconstruction of scientific knowledge. *Historical Studies in the Natural Sciences*, 38(1):109–152, February 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- Onaga:2023:MAM**  
Lisa Onaga and Laurence Douny. Making animal materials in time. *Historical Studies in the Natural Sciences*, 53(3):197–??, June 2023. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.uchicago.edu/hsns/article/53/3/197/196654/Making-Animal-Materials-in-Time>.
- Ogilvie:2006:SDN**  
Brian W. Ogilvie. *The science of describing: natural history in Renaissance Europe*. University of Chicago Press, Chicago, IL, USA, 2006. ISBN 0-226-62087-5 (cloth). xvi + 385 pp. LCCN Q127.E8 O45 2006. URL <http://www.loc.gov/catdir/enhancements/fy0666/2005019254-b.html>; <http://www.loc.gov/catdir/enhancements/fy0666/2005019254-d.html>; <http://www.loc.gov/catdir/toc/ecip0515/2005019254.html>.
- Oesper:1950:HSC**  
Ralph E. Oesper and Pierre Lemay. Henri Sainte-Claire Deville, 1818–1881. *Chymia*:

- Annual Studies in the History of Chemistry*, 3(??):205–221, ????. 1950. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757153>.
- Olivotto:2009:GSC**
- [Oli09] Cristina Olivotto. The G-Stack Collaboration (1954): An experiment of transition. *Historical Studies in the Natural Sciences*, 39(1):63–103, February 2009. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic).
- Oliver:2013:TFC**
- [Oli13] Kendrick Oliver. *To touch the face of God: the sacred, the profane and the American space program, 1957–1975*. New series in NASA history. The Johns Hopkins University Press, Baltimore, MD, USA, 2013. ISBN 1-4214-0788-4 (hardcover), 1-4214-0834-1 (electronic). xiii + 229 pp. LCCN TL789.8.U5 O39 2013.
- Oliver:2019:LST**
- [Oli19] Kendrick Oliver. “The lucky start toward today’s cosmology”? Serendipity, the “Big Bang” theory, and the science of radio noise in Cold War America. *Historical Studies in the Natural Sciences*, 49(2):151–193, April 2019. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic).
- Olson:2008:SSN**
- [Ols08] Richard Olson. *Science and scientism in Nineteenth-Century Europe*. University of Illinois Press, Urbana, IL, USA, 2008. ISBN 0-252-03188-1 (cloth), 0-252-07433-5 (paperback). 349 pp. LCCN Q175.52.E85 O47 2008. URL <http://www.loc.gov/catdir/enhancements/fy0827/2007005146-d.html>; <http://www.loc.gov/catdir/toc/ecip0710/2007005146.html>.
- Ottaviani:2013:F**
- [OM13] Jim Ottaviani and Leland Myrick. *Feynman*. First Second, New York, NY, USA, 2013. ISBN 1-59643-827-4 (paperback). 266 pp. LCCN ????
- Onion:2015:GHB**
- [Oni15] Rebecca Onion. Graphic histories: Book reviews: Eugene Byrne and Simon Gurr. *Darwin: A Graphic Biography*. Washington, DC: Smithsonian Books, 2013. 96 pp., illus. ISBN 978-1-58834-352-9. \$9.95 (paper). Apostolos Doxiadis and Christos H. Papadimitriou. *Logi-comix: An Epic Search for Truth*. New York: Bloomsbury, 2009. 347 pp., illus. ISBN 978-1-59691-452-0. \$22.95 (paper). Jonathan Fetter-Vorm. *Trinity: A Graphic History of the First Atomic Bomb*. New York: Hill and Wang, 2012. 154 pp., illus. ISBN 978-0-8090-9355-7. \$14.95 (paper). Jim Ottaviani and Leland Myrick. *Feynman*. New York: First Second, 2011. 272 pp., illus. ISBN 978-1-59643-827-9. \$19.99 (paper). Lauren Redniss. *Radioactive: Marie &*

- Pierre Curie: A Tale of Love and Fallout. New York: Harper Collins, 2010. 208 pp., illus. ISBN 978-0-06135-132-7. \$29.99 (hardcover). *Historical Studies in the Natural Sciences*, 45(4): 621–629, September 2015. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2015.45.4.621>. [Orl04]
- [Ore88] Naomi Oreskes. The rejection of continental drift. *Historical Studies in the Physical and Biological Sciences*, 18(2):311–348, ????? 1988. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757605>. [Oti07]
- [Ore00] Naomi Oreskes. Laissez-tomber: Military patronage and women's work in mid-20th-Century oceanography. *Historical Studies in the Physical and Biological Sciences*, 30(2):373–392, ????? 2000. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). [Ott08]
- [Orl98] Lucida Orlando. Physics in the 1930s: Jewish physicists' contributions to the realization of the 'new tasks' of physics in Italy. *Historical Studies in the Physical and Biological Sciences*, 29(1):141–182, ????? 1998. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). [Orlando:2004:SSB]
- Lucia Orlando. The SIRIO satellite, 1968–1977: Between scientific engagement and managerial inexperience. *Historical Studies in the Physical and Biological Sciences*, 34(2):371–398, March 2004. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). [Orlando:2004:SSB]
- [Orlando:1998:PJP]
- Lucida Orlando. Physics in the 1930s: Jewish physicists' contributions to the realization of the 'new tasks' of physics in Italy. *Historical Studies in the Physical and Biological Sciences*, 29(1):141–182, ????? 1998. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). [Orlando:1998:PJP]
- [Orlando:2004:SSB]
- Lucia Orlando. The SIRIO satellite, 1968–1977: Between scientific engagement and managerial inexperience. *Historical Studies in the Physical and Biological Sciences*, 34(2):371–398, March 2004. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). [Orlando:2004:SSB]
- [Ortis:2007:ML]
- Laura Otis. *Müller's lab*. Oxford University Press, Walton Street, Oxford OX2 6DP, UK, 2007. ISBN 0-19-530697-X. xix + 316 pp. LCCN QM16.M85 O85 2007. URL <http://www.loc.gov/catdir/enhancements/fy0737/2006026796-d.html>; <http://www.loc.gov/catdir/toc/ecip0619/2006026796.html>. [Ortis:2007:ML]
- [Otter:2008:VEP]
- Chris Otter. *The Victorian eye: a political history of light and vision in Britain, 1800–1910*. University of Chicago Press, Chicago, IL, USA, 2008. ISBN 0-226-64076-0 (cloth), 0-226-64077-9 (paperback). x + 382 pp. LCCN TH7703 .O88 2008. URL <http://www.loc.gov/catdir/enhancements/fy0805/2007043184-d.html>; <http://www.loc.gov/catdir/enhancements/fy0827/2007043184-b.html>; <http://www.loc.gov/>



- catdir/toc/ecip082/  
2007043184.html.
- [PA11] Mark Poster and Nancy Ann Roth. *Into the Universe of Technical Images*. Electronic Mediations. University of Minnesota Press, Minneapolis, MN, USA, 2011. ISBN 0-8166-7696-8, 0-8166-7020-X. 225 pp. LCCN TR183.F5813 2011. URL <http://www.SLQ.eblib.com.au/patron/FullRecord.aspx?p=673646>.
- [Pal89] Robert Palter. Review: Some impressions of recent work on Eighteenth-Century science. *Historical Studies in the Physical and Biological Sciences*, 19(2):349–401, 1989. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757628>.
- [Pan90a] Giuliano Pancaldi. Electricity and life. Volta’s path to the battery. *Historical Studies in the Physical and Biological Sciences*, 21(1):123–160, 1990. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757657>.
- [Pan90b] Alex Soojung-Kim Pang. Edward Bowles and radio engineering at MIT, 1920–1940. *Historical Studies in the Physical and Biological Sciences*, 20(2):313–337, 1990. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757646>.
- [Pan93] Alex Soojung-Kim Pang. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 24(1):189–??, 1993. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Pan94a] Alex Soojung-Kim Pang. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 24(2):407–??, 1994. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Pan94b] Alex Soojung-Kim Pang. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 25(1):177–??, 1994. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Pan95] Alex Soojung-Kim Pang. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 25(2):379–??, 1995. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

- [Pan97] Alex Soojung-Kim Pang. Visual representation and post-constructivist history of science. *Historical Studies in the Physical and Biological Sciences*, 28 (1):139–171, 1997. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Pan14] Aaron Panofsky. *Misbehaving science: controversy and the development of behavior genetics*. University of Chicago Press, Chicago, IL, USA, 2014. ISBN 0-226-05831-X (hardcover), 0-226-05845-X (paperback), 0-226-05859-X (e-book). xi + 321 pp. LCCN QH457 .P36 2014.
- [Pan20] Giuliano Pancaldi. Reframing the sciences of the long Eighteenth Century. *Historical Studies in the Natural Sciences*, 50 (1–2):58–66, April 2020. CODEN 1939-1811 (print), 1939-182X (electronic).
- [Pan24] Kerstin Pannhorst. Becoming visible: Insects and infrastructures in Colonial Taiwan. *Historical Studies in the Natural Sciences*, 54(2):187–??, April 2024. CODEN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/54/2/187/200667/Becoming-VisibleInsects-and-Infrastructures-in>.
- [Par48] J. R. Partington. The concepts of substance and chemical element. *Chymia: Annual Studies in the History of Chemistry*, 1 (??):109–121, 1948. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757118>.
- [Par59] J. R. Partington. Berthollet and the Antiphlogistic Theory. *Chymia: Annual Studies in the History of Chemistry*, 5 (??):130–137, 1959. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757180>.
- [Par60] J. R. Partington. Joseph Black’s “Lectures on the Elements of Chemistry”. *Chymia: Annual Studies in the History of Chemistry*, 6(??):27–67, 1960. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757192>.
- [Par01] Elizabeth Paris. Lords of the ring: The fight to build the first U.S. electron–positron collider. *Historical Studies in the Physical and Biological Sciences*, 31 (2):355–380, March 2001. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

- [Par07] **Parthasarathy:2007:BGM**  
Shobita Parthasarathy. *Building genetic medicine: breast cancer, technology, and the comparative politics of health care*. Inside technology. MIT Press, Cambridge, MA, USA, 2007. ISBN 0-262-16242-3 (hardcover). x + 271 pp. LCCN RC268.44.B73 P37 2007. URL <http://www.loc.gov/catdir/toc/ecip0619/2006027956.html>.
- [Par09] **Park:2009:BAM**  
Buhm Soon Park. Between accuracy and manageability: Computational imperatives in quantum chemistry. *Historical Studies in the Natural Sciences*, 39(1):32–62, February 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Par10] **Park:2010:LAC**  
Hyung Wook Park. Longevity, aging, and caloric restriction: Clive Maine McCay and the construction of a multidisciplinary research program. *Historical Studies in the Natural Sciences*, 40(1):79–124, February 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Par12] **Parmar:2012:FAC**  
Inderjeet Parmar. *Foundations of the American century: the Ford, Carnegie, and Rockefeller Foundations in the rise of American power*. Columbia University Press, New York, NY, USA, 2012. ISBN 0-231-14628-0 (hardcover), 0-231-51793-9 (e-book). ix + 356 pp. LCCN HV97.F62 P37 2012.
- [Par22] **Parthasarathy:2022:HET**  
Shobita Parthasarathy. How to be an epistemic trespasser. *Historical Studies in the Natural Sciences*, 52(1):140–??, February 2022. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/52/1/140/120493/How-to-Be-an-Epistemic-Trespasser>.
- [Pau11] **Paul:2011:OHN**  
Annie Murphy Paul. *Origins: how the nine months before birth shape the rest of our lives*. Free Press, New York, NY, USA, 2011. ISBN 0-7432-9663-X. xii + 306 pp. LCCN RG560 .P38 2011.
- [Pea21] **Pearl:2021:M**  
Sharrona Pearl. The mask. *Historical Studies in the Natural Sciences*, 51(1):155–??, February 2021. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/51/1/155/116286/The-Mask>.
- [Per18] **Perillan:2018:QNP**  
José G. Perillán. Quantum narratives and the power of rhetorical omission: An early history of the pilot wave interpretation of quantum theory. *His-*

*torical Studies in the Natural Sciences*, 48(1):24–55, February 2018. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic).

**Petit:2016:APC**

- [Pet16] Axel Petit. Associating physics and chemistry to dissociate molecules: The history of the Clausius–Williamson Hypothesis. *Historical Studies in the Natural Sciences*, 46(3):360–391, June 2016. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic).

**Phillips:1966:LKC**

- [Phi66] J. P. Phillips. Liebig and Kolbe, critical editors. *Chymia: Annual Studies in the History of Chemistry*, 11(?):89–97, 1966. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757261>.

**Phillips:2010:BRR**

- [Phi10] Denise Phillips. Book reviews: Reconsidering the Sonderweg of German Science: Biology and Culture in the Nineteenth Century: Sander Gliboff. *H. G. Bronn, Ernst Haeckel, and the Origins of German Darwinism: A Study in Translation and Transformation*. Cambridge: MIT Press, 2008. xii + 259 pp., index. ISBN: 978-0-262-07293-9. \$35.00 (cloth). Jonathan Harwood. *Technology's Dilemma: Agricultural Colleges between Science and Practice in Germany, 1860–*

*1934*. Frankfurt a. M.: Peter Lang, 2005. 288 pp., illus., index. ISBN: 978-3-039-10299-0. \$68.95 (paper). Lynn K. Nyhart. *Modern Nature: The Rise of the Biological Perspective in Germany*. Chicago: University of Chicago Press, 2009. xiv + 423 pp., illus., index. ISBN: 978-0-226-61089-4. \$45.00 (cloth). Richard G. Olson. *Science and Scientism in Nineteenth-Century Europe*. Urbana: University of Illinois Press, 2008. 349 pp., index. ISBN: 978-0-252-07433-2. \$27 (paper). Robert J. Richards.

**Phillips:2021:C**

- [Phi21] Christopher J. Phillips. The curve. *Historical Studies in the Natural Sciences*, 51(1):159–??, February 2021. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/51/1/159/116288/The-Curve>.

**Picciotto:2014:BRN**

- [Pic14] Joanna Picciotto. Book review: *The Natural Philosophy of Margaret Cavendish: Reason and Fancy during the Scientific Revolution Fictions of the Cosmos: Science and Literature in the Seventeenth Century*. *Historical Studies in the Natural Sciences*, 44(2):178–186, April 2014. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2014.44.2.178>.

**PohlValero:2011:ECH**

- [Poh11] Stefan Pohl Valero. *Energía y cultura: historia de la termodinámica en la España de la segunda mitad del siglo XIX*. Opera eximia. Editorial Pontificia Universidad Javeriana, Bogotá, D.C., Colombia, 2011. ISBN 958-716-498-9. 321 pp. LCCN QC311 .P74 2011.

**Porter:1981:SSG**

- [Por81] Theodore M. Porter. A statistical survey of gases: Maxwell's social physics. *Historical Studies in the Physical Sciences*, 12(1):77–116, 1981. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757490>.

**Portuondo:2013:BRM**

- [Por13] María M. Portuondo. Book reviews: Mutis: Plants, ants, and visualizing nature: Daniela Bleichmar. *Visible Empire: Botanical Expeditions and Visual Culture in the Hispanic Enlightenment*. Chicago: University of Chicago Press, 2012. xii + 286 pp., illus., index. ISBN: 978-0-2260-5853-5. \$55.00 (hardcover); J. E. Bernal and Alberto Gómez Gutiérrez. *A impulsos de una rara resolución: El viaje de José Celestino Mutis al Nuevo Reino de Granada, 1760–1763*. Bogotá: Pontificia Universidad Javeriana, 2010. 333 pp., illus. ISBN: 978-9-5871-6326-1. \$70.00 (hardcover); J. E. Bernal,

Alberto Gómez Gutiérrez, and José Celestino Mutis. *Medicina científica Mutisiana: Estudio elaborado a partir de un documento médico inédito de José Celestino Mutis y Bosio, escrito en Madrid en 1759 y conservado hoy en el Archivo Histórico Javeriano de Bogotá*. Bogotá: Pontificia Universidad Javeriana, 2008. 144 pp., illus., facs. ISBN: 978-9. *Historical Studies in the Natural Sciences*, 43(3):381–389, June 2013. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2013.43.3.381.pdf>.

**Porter:2018:OND**

- [Por18] Theodore M. Porter. Observations, narrative, and data in Nineteenth-Century asylum medicine. *Historical Studies in the Natural Sciences*, 48(5):594–603, November 2018. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic).

**Potters:2023:HSP**

- [Pot23] Jan Potters. Hazy spots on photographic plates: On the measurement of the velocity-dependency of the electron's mass. *Historical Studies in the Natural Sciences*, 53(1):1–??, February 2023. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/53/1/1/>

- 195540/Hazy-Spots-on-Photographic-PlatesOn-the. [Pri12]
- [Pra49] Wilhelm Prandtl. Das chemische Laboratorium der Bayerischen Akademie der Wissenschaften in München. (German) [The Chemical Laboratory of the Bayern Academy of Science in Munich]. *Chymia: Annual Studies in the History of Chemistry*, 2(??):81–97, ??? 1949. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757136>.
- [Pra53] Wilhelm Prandtl. Zur Vorgeschichte des Meissner Porzellans. (German) [On the prehistory of Meissen porcelain]. *Chymia: Annual Studies in the History of Chemistry*, 4(??):115–127, ??? 1953. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757165>.
- [Pre11] Heather Munro Prescott. *The morning after: a history of emergency contraception in the United States*. Critical issues in health and medicine. Rutgers University Press, New Brunswick, NJ, USA, 2011. ISBN 0-8135-5162-5 (hardcover), 0-8135-5163-3 (paperback). xi + 163 pp. LCCN RG137.5 .P74 2011.
- [Pri12] Rebecca Priestley. *Mad on radium: New Zealand in the atomic age*. Auckland University Press, Auckland, NZ, 2012. ISBN 1-86940-727-X (paperback). xii + 284 pp. LCCN TK9122.5 .P75 2012.
- [Pri14] Tyler Priest. Hubbert’s Peak: The great debate over the end of oil. *Historical Studies in the Natural Sciences*, 44(1):37–79, February 2014. CODEN ??? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2014.44.1.37>.
- [PVP50] Carlos E. Prelat, Alberto G. Velarde, and Carlos E. Pr el at. La qu mica en los “ l ments de Chimie” de Orfila. (Spanish) [Chemistry and the Orfila’s *Elements of Chemistry*]. *Chymia: Annual Studies in the History of Chemistry*, 3(??):77–93, ??? 1950. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757147>.
- [Pye74] Lewis Pyenson. In memoriam: Charles A. Culotta (1938–1974). *Historical Studies in the Physical Sciences*, 4(??):234–235, ??? 1974. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757332>.

- [Pye76] **Pyenson:1976:EES**  
 Lewis Pyenson. Einstein's early scientific collaboration. *Historical Studies in the Physical Sciences*, 7(??):iv + 83–123, ??? 1976. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757352>.
- [Pye82] **Pyenson:1982:AEE**  
 Lewis Pyenson. Audacious enterprise: The Einsteins and electrotechnology in late Nineteenth-Century Munich. *Historical Studies in the Physical Sciences*, 12(2):373–392, ??? 1982. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757500>.
- [Pye90a] **Pyenson:1990:HMG**  
 Lewis Pyenson. Habits of mind: Geophysics at Shanghai and Algiers, 1920–1940. *Historical Studies in the Physical and Biological Sciences*, 21(1):161–196, ??? 1990. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757658>.
- [Pye90b] **Pyenson:1990:RBM**  
 Lewis Pyenson. Review: Over the bounding main. *Historical Studies in the Physical and Biological Sciences*, 20(2):407–422, ??? 1990. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Pye07] **Pyenson:2007:EF**  
 Lewis Pyenson. Editor's foreword. *Historical Studies in the Physical and Biological Sciences*, 37(2):189–204, March 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Pye11] **Pyenson:2011:EIN**  
 Lewis Pyenson. The enlightened image of nature in the Dutch East Indies: Consequences of postmodernist doctrine for broad structures and intimate life. *Historical Studies in the Natural Sciences*, 41(1):1–40, Winter 2011. CODEN ??? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2011.41.1.1>.
- [Pye13] **Pyenson:2013:EPQ**  
 Lewis Pyenson. The Einstein–Picasso question: Neo-idealist abstraction in the decorative arts and manufactures. *Historical Studies in the Natural Sciences*, 43(3):281–333, June 2013. CODEN ??? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2013.43.3.281.pdf>.
- [Qué88] **Quedec:1988:WMS**  
 Pierre Quédec. Weiss' magneton: The sin of pride or
- URL <http://www.jstor.org/stable/27757648>.

a venial mistake? *Historical Studies in the Physical and Biological Sciences*, 18(2):349–375, 1988. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757606>.

**Quinn:1982:RFE**

[Qui82] Arthur Quinn. Repulsive force in England, 1706–1744. *Historical Studies in the Physical Sciences*, 13(1):109–128, 1982. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757507>.

**Radick:2012:BRE**

[Rad12] Gregory Radick. Book review: The exemplary Kuhnian: Gould's structure revisited: *The Structure of Evolutionary Theory* by Stephen Jay Gould. *Historical Studies in the Natural Sciences*, 42(2):143–157, April 2012. CODEN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2012.42.2.143>.

**Rader:2013:BRS**

[Rad13] Karen A. Rader. Book review: Searching for Women Scientists and Finding STS, Margaret Rossiter. *Women Scientists in America: Struggles and Strategies to 1940*. Baltimore: Johns Hopkins University Press, 1984. xviii + 439 pp., illus., index. ISBN 9-780-8018-2509-5. \$36.00 (paper); Mar-

garet Rossiter. *Women Scientists in America: Before Affirmative Action, 1940–1972*. Baltimore: Johns Hopkins University Press, 1998. xviii + 584 pp., illus., index. ISBN 9-780-8018-5711-9. \$36.00 (paper); Margaret Rossiter. *Women Scientists in America: Forging a New World since 1972*. Baltimore: Johns Hopkins University Press, 2012. xx + 488 pp., illus., index. ISBN 9-781-4214-0363-2. \$45.00 (paper). *Historical Studies in the Natural Sciences*, 43(3):371–380, June 2013. CODEN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2013.43.3.371.pdf>.

**Rainger:2000:SCN**

[Rai00] Ronald Rainger. Science at the crossroads: The Navy, Bikini Atoll, and American oceanography in the 1940s. *Historical Studies in the Physical and Biological Sciences*, 30(2):349–371, 2000. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Rainger:2010:BRN**

[Rai10] Ronald Rainger. Book review: New Bones to Pick: Stanley Hedeon. *Big Bone Lick: The Cradle of American Paleontology*. Lexington: University of Kentucky Press, 2008. xviii + 182 pp., illus., index. ISBN 978-0-8131-2485-8. \$24.95 (cloth). Adrienne Mayor. *Fossil Legends*



- of the First Americans. Princeton: Princeton University Press, 2005. xxxix + 442 pp., illus., index. ISBN 978-0-691-11345-6. \$27.95 (paper). Pascal Richet. *A Natural History of Time*. Chicago: University of Chicago Press, 2007. xiv + 471 pp., illus., index. ISBN 978-0-226-71287-1. \$29 (cloth). Martin J. S. Rudwick. *Worlds Before Adam: The Reconstruction of Geohistory in the Age of Reform*. Trans. John Venerella. Chicago: University of Chicago Press, 2008. xxii + 614 pp., illus., index. ISBN 978-0-226-73128-5. \$49 (cloth). Ralph O'Connor. *The Earth on Show: Fossils and the Poetics of Popular Science, 1802–1856*. Chicago: University of Chicago Press, 2008. xiii + 542 pp., illus., . *Historical Studies in the Natural Sciences*, 40(2):268–278, May 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Rap60] **Rappaport:1960:GFR**
- Rhoda Rappaport. G.-F. Rouelle: An Eighteenth-Century chemist and teacher. *Chymia: Annual Studies in the History of Chemistry*, 6(??):68–101, ???? 1960. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757193>.
- [Rap61] **Rappaport:1961:RSP**
- Rhoda Rappaport. Rouelle and Stahl — the Phlogistic Revolution in France. *Chymia: Annual Studies in the History of Chemistry*, 7(??):73–102, ???? 1961. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757206>.
- [Ram95] **Ramberg:1995:AMC**
- Peter J. Ramberg. Arthur Michael's critique of stereochemistry, 1887–1899. *Historical Studies in the Physical and Biological Sciences*, 26(1):89–138, ???? 1995. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Ran22] **Rankin:2022:HEE**
- Alisha Rankin. How to “Be Expert” in Early Modern Europe. *Historical Studies in the Natural Sciences*, 52(1):143–??, February 2022. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/52/1/143/120496/How-to-Be-Expert-in-Early-Modern-Europe>.
- [Ras93] **Rasmussen:1993:FAR**
- Nicolas Rasmussen. Freund's adjuvant and the realization of questions in postwar immunology. *Historical Studies in the Physical and Biological Sciences*, 23(2):337–366, ???? 1993. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757702>.

- [Rây59] **Ray:1959:CK** Priyadarajan Rây. Chemistry in Kautilya. *Chymia: Annual Studies in the History of Chemistry*, 5(??):64–72, ????. 1959. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757177>.
- [Rea48] **Read:1948:SAS** John Read. Scottish alchemy in the Seventeenth Century. *Chymia: Annual Studies in the History of Chemistry*, 1(??):139–151, ????. 1948. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757120>.
- [Red10] **Redniss:2010:RMP** Lauren Redniss. *Radioactive: Marie and Pierre Curie, a tale of love and fallout*. It Books/Harper Collins, New York, NY, USA, 2010. ISBN 0-06-135132-6. 205 pp. LCCN QD22.C8 R395 2010. URL <http://www.loc.gov/catdir/enhancements/fy1111/2011281920-b.html>; <http://www.loc.gov/catdir/enhancements/fy1111/2011281920-d.html>.
- [Ree09] **Rees:2009:ICP** Amanda Rees. *The infanticide controversy: primatology and the art of field science*. University of Chicago Press, Chicago, IL, USA, 2009. ISBN 0-226-70711-3 (hardcover). 288 pp. LCCN QL762.5 .R44 2009.
- [Rei49] **Reilly:1949:IAC** Desmond Reilly. An Irish-American chemist, William James MacNeven, 1763–1841. *Chymia: Annual Studies in the History of Chemistry*, 2(??):17–26, ????. 1949. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757129>.
- [Rei53] **Reilly:1953:CMS** Desmond Reilly. Contributions of Maxwell Simpson (1815–1902) to aliphatic chemical synthesis. *Chymia: Annual Studies in the History of Chemistry*, 4(??):159–170, ????. 1953. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757167>.
- [Rei87] **Reingold:1987:VBN** Nathan Reingold. Vannevar Bush's new deal for research: Or the triumph of the old order. *Historical Studies in the Physical and Biological Sciences*, 17(2):299–344, ????. 1987. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757585>.
- [Rei95] **Reingold:1995:CFU** Nathan Reingold. Choosing the future: The U.S. research community, 1944–1946. *Historical Studies in the Physical and Biological Sciences*, 25(2):301–328, ????. 1995. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

- [Rei17a] Michael S. Reidy. The most recent orogeny: Verticality and why mountains matter. *Historical Studies in the Natural Sciences*, 47(4):578–587, September 2017. ISSN 1939-1811 (print), 1939-182X (electronic).
- [Rei17b] Carsten Reinhardt. “This other method”: The dynamics of NMR in biochemistry and molecular biology. *Historical Studies in the Natural Sciences*, 47(3):389–422, June 2017. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Ren09] Maria Rentetzi. *Trafficking materials and gendered experimental practices: radium research in early 20th Century Vienna*. Columbia University Press, New York, NY, USA, 2009. ISBN 0-231-13558-0, 0-231-50959-6. xxiii + 279 pp. LCCN QC795.34 .R46 2008. URL <http://www.loc.gov/catdir/toc/ecip0828/2008040581.html>.
- [Ret65] Ladislao Reti. How old is hydrochloric acid? *Chymia: Annual Studies in the History of Chemistry*, 10(??):11–23, ???? 1965. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757245>.
- [Rey21] Andrew S. Reynolds. Book review: *Re-Envisioning the History of Cellular and Molecular Biology*. *Historical Studies in the Natural Sciences*, 51(5):642–??, November 2021. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/51/5/642/119066/Re-Envisioning-the-History-of-Cellular-and>.
- [Rey22] Melissa Reynolds. How to cure a horse, or, the experience of knowledge and the knowledge of experience. *Historical Studies in the Natural Sciences*, 52(4):547–??, September 2022. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/52/4/547/191416/How-to-Cure-a-Horse-or-the-Experience-of-Knowledge>.
- [RF69] V. V. Raman and Paul Forman. Why was it Schrödinger who developed de Broglie’s ideas? *Historical Studies in the Physical Sciences*, 1(??):291–314, ???? 1969. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757299>.
- [RH00] Nils Roll-Hansen. The application of complementarity to

- biology: From Niels Bohr to Max Delbrück. *Historical Studies in the Physical and Biological Sciences*, 30(2):417–442, 2000. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [RH10] **Reid-Henry:2010:CCR**  
Simon Reid-Henry. *The Cuban cure: reason and resistance in global science*. University of Chicago Press, Chicago, IL, USA, 2010. ISBN 0-226-70917-5 (hardcover). xii + 200 pp. LCCN TP248.195.C9 R44 2010.
- [Rhe50] **Rheinboldt:1950:BVA**  
Heinrich Rheinboldt. Bunsens Vorlesung über allgemeine Experimentalchemie. (German) [Bunsen’s lectures on general experimental chemistry]. *Chymia: Annual Studies in the History of Chemistry*, 3(??):223–241, 1950. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757154>.
- [Rhe10a] **Rheinberger:2010:ECT**  
Hans-Jörg Rheinberger. *An epistemology of the concrete: twentieth-century histories of life*. Experimental futures: technological lives, scientific arts, anthropological voices. Duke University Press, Durham, NC, USA, 2010. ISBN 0-8223-4560-9 (hardcover), 0-8223-4575-7 (paperback). xix + 330 pp. LCCN QH331 .R4513 2010. Foreword by Tim Lenoir.
- [Rhe10b] **Rheinberger:2010:HEE**  
Hans-Jörg Rheinberger. *On historicizing epistemology: an essay*. Cultural memory in the present. Stanford University Press, Stanford, CA, USA, 2010. ISBN 0-8047-6288-0 (hardcover), 0-8047-6289-9 (paperback). 114 pp. LCCN Q175.32.K45 R48513 2010. Translated by David Fernbach.
- [Ric07] **Richet:2007:NHT**  
Pascal Richet. *A natural history of time*. University of Chicago Press, Chicago, IL, USA, 2007. ISBN 0-226-71287-7 (cloth). xiv + 471 pp. LCCN QE508 .R5413 2007. URL <http://www.loc.gov/catdir/enhancements/fy0707/2006033992-b.html>; <http://www.loc.gov/catdir/enhancements/fy0707/2006033992-d.html>; <http://www.loc.gov/catdir/toc/ecip073/2006033992.html>.
- [Ric08] **Richards:2008:TSL**  
Robert J. (Robert John) Richards. *The tragic sense of life: Ernst Haeckel and the struggle over evolutionary thought*. University of Chicago Press, Chicago, IL, USA, 2008. ISBN 0-226-71214-1 (hardcover), 0-226-71216-8 (paperback). xx + 551 + 8 pp. LCCN M09.E10966; M09.E02488; QH31.H2 R53 2008; QH31.H2 RIC 2008. URL <http://www.loc.gov/catdir/>

enhancements/fy0827/  
2007039155-b.html;  
<http://www.loc.gov/catdir/enhancements/fy0827/2007039155-d.html>; <http://www.loc.gov/catdir/toc/fy0804/2007039155.html>.

**Richmond:2012:BRS**

[Ric12]

Jesse Richmond. Book review: Still figuring out Nature's economy: *Nature's Ghosts: Confronting Extinction from the Age of Jefferson to the Age of Ecology* by Mark V. Barrow, Jr.; *Evolutionary Restraints: The Contentious History of Group Selection* by Mark E. Borrello; *Looking for a Few Good Males: Female Choice in Evolutionary Biology* by Erika Lorraine Milam; *The Infanticide Controversy: Primatology and the Art of Field Science* by Amanda Rees. *Historical Studies in the Natural Sciences*, 42(1):62–70, February 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2012.42.1.62>. See [BJ10, Bar09, Bor10, Mil10b, Ree09].

**Richardson:2017:NCN**

[Ric17a]

Alan W. Richardson. “Neither a confession nor an accusation”: Michael Polanyi, Hans Reichenbach, and philosophical modernity after World War One. *Historical Studies in the Natural Sciences*, 47(3):423–442, June 2017. CODEN ???? ISSN 1939-

1811 (print), 1939-182X (electronic).

**Richmond:2017:WPS**

[Ric17b]

Marsha L. Richmond. Women as public scientists in the Atomic Age: Rachel Carson, Charlotte Auerbach, and genetics. *Historical Studies in the Natural Sciences*, 47(3):349–388, June 2017. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

**Rider:1984:AOE**

[Rid84]

Robin E. Rider. Alarm and opportunity: Emigration of mathematicians and physicists to Britain and the United States, 1933–1945. *Historical Studies in the Physical Sciences*, 15(1):107–176, ???? 1984. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757544>.

**Rider:1991:SB**

[Rid91]

Robin E. Rider. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 22(1):193–205, ???? 1991. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757677>.

**Rider:1992:SB**

[Rid92]

Robin Rider. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 22(2):399–404, ???? 1992. CODEN HSPSEW. ISSN

0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757687>.

**Rider:1993:SB**

[Rid93]

Robin Rider. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 23(2):367–374, 1993. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757703>.

**Rigden:1983:MBE**

[Rig83]

John S. Rigden. Molecular beam experiments on the hydrogens during the 1930s. *Historical Studies in the Physical Sciences*, 13(2):335–373, 1983. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757519>.

**Riordan:2001:TTC**

[Rio01]

Michael Riordan. A tale of two cultures: Building the Superconducting Super Collider, 1988–1993. *Historical Studies in the Physical and Biological Sciences*, 32(1):125–144, September 2001. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Riskin:1998:PRL**

[Ris98]

Jessica Riskin. Poor Richard's Leyden Jar: Electricity and economy in Franklinist France. *Historical Studies in the Physical and Biological Sciences*, 28

(2):301–336, 1998. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Riskin:2007:GRE**

[Ris07]

Jessica Riskin, editor. *Genesis redux: essays in the history and philosophy of artificial life*. University of Chicago Press, Chicago, IL, USA, 2007. ISBN 0-226-72080-2 (cloth), 0-226-72081-0 (paperback). xv + 389 pp. LCCN BD418.8 .G46 2007. URL <http://www.loc.gov/catdir/enhancements/fy0707/2007003437-b.html>; <http://www.loc.gov/catdir/enhancements/fy0707/2007003437-d.html>; <http://www.loc.gov/catdir/toc/ecip079/2007003437.html>.

**Riskin:2010:BRN**

[Ris10]

Jessica Riskin. Book reviews: Newton and Monotheism: Peter Dear. *The Intelligibility of Nature: How Science Makes Sense of the World*. Chicago: University of Chicago Press, 2007. xii + 242 pp., illus., index. ISBN 978-0-226-13949-4. \$17.00 (paper). Stephen Gaukroger. *The Emergence of a Scientific Culture: Science and the Shaping of Modernity 1210–1685*. Oxford: Clarendon, 2006. ix + 563 pp., illus., index. ISBN 978-0-199-55001-2. \$39.95 (paper). Peter Harrison. *The Fall of Man and the Foundations of Science*. Cambridge: Cambridge University Press, 2007. xi + 300 pp.,

- index. ISBN 978-0-521-87559-2. \$43.00 (paper). George Saliba. *Islamic Science and the Making of the European Renaissance*. Cambridge, MA: MIT Press, 2007. xi + 315 pp., illus., index. ISBN 978-0-262-19557-7. \$43.00 (hardcover). *Historical Studies in the Natural Sciences*, 40(3): 399–408, August 2010. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). [Rob60]
- RibeiroDeAndrade:2006:QBS**
- [RM06] Ana M. Ribeiro De Andrade and R. P. A. Muniz. The quest for the Brazilian synchrotron. *Historical Studies in the Physical and Biological Sciences*, 36(2):311–327, March 2006. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- Rispoli:2020:SDA**
- [RO20] Giulia Rispoli and Doubavka Olšáková. Science and diplomacy around the Earth: From the Man and Biosphere Programme to the International Geosphere–Biosphere Programme. *Historical Studies in the Natural Sciences*, 50(4):456–??, September 2020. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/50/4/456/111899/Science-and-Diplomacy-around-the-EarthFrom-the-Man>.
- Robinson:1959:TF**
- [Rob59] Trevor Robinson. Theophrastos on fire. *Chymia: Annual Studies in the History of Chemistry*, 5(??):51–63, ????? 1959. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757176>.
- Robinson:1960:MT**
- Trevor Robinson. Michael Tswett. *Chymia: Annual Studies in the History of Chemistry*, 6(??):146–161, ????? 1960. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757196>.
- Roberts:1976:ERC**
- [Rob76] Gerrylynn K. Roberts. The establishment of the Royal College of Chemistry: An investigation of the social context of early-Victorian chemistry. *Historical Studies in the Physical Sciences*, 7(??):437–485, ????? 1976. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757361>.
- Roberts:1980:LEC**
- [Rob80] Gerrylynn K. Roberts. The liberally-educated chemist: Chemistry in the Cambridge Natural Sciences Tripos, 1851–1914. *Historical Studies in the Physical Sciences*, 11(1):157–183, ????? 1980. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757474>.

- [Rob83] **Robotti:1983:SPH**  
 Nadia Robotti. The spectrum of  $\zeta$  puppis and the historical evolution of empirical data. *Historical Studies in the Physical Sciences*, 14(1):123–145, 1983. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757527>.
- [Rob20] **Robinson:2020:ETC**  
 Sam Robinson. Early Twentieth-Century ocean science diplomacy: Competition and cooperation among North Sea nations. *Historical Studies in the Natural Sciences*, 50(4):384–??, September 2020. CODEN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/50/4/384/111895/Early-Twentieth-Century-Ocean-Science>.
- [Roc78] **Rocke:1978:AEE**  
 Alan J. Rocke. Atoms and equivalents: The early development of the chemical atomic theory. *Historical Studies in the Physical Sciences*, 9(??):225–263, 1978. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757379>.
- [Roc17] **Rocke:2017:IHR**  
 Alan J. Rocke. The “indifferent hypothesis” redux: The dilemmas of Pierre Duhem. *Historical*
- [Rog12] **Rogaski:2012:ASB**  
 Ruth Rogaski. Addicted to science: Book reviews: Susan Greenhalgh, *Just One Child: Science and Policy in Deng’s China*. Tong Lam, *A Passion for Facts: Social Surveys and the Construction of the Chinese Nation-State, 1900–1949*. Berkeley and Los Angeles: University of California Press, 2011. 280 pp. ISBN 978-0-520-26786-2. \$60.00 (hardcover). Thomas Mulaney, *Coming to Terms with the Nation: Ethnic Classification in Modern China*. Berkeley and Los Angeles: University of California Press, 2011. 256 pp. ISBN 978-0-520-27274-3. \$29.95 (paper). Sigrid Schmalzer, *The People’s Peking Man: Popular Science and Human Identity in Twentieth-Century China*. Chicago: University of Chicago Press, 2008. 368 pp. ISBN 978-0-226-73860-4. \$26.00 (paper). *Historical Studies in the Natural Sciences*, 42(5):581–589, November 2012. CODEN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.581.pdf>.
- [Ros82] **Rossiter:1982:WSA**  
 Margaret W. Rossiter. *Women*
- Studies in the Natural Sciences*, 47(3):268–292, June 2017. CODEN 1939-1811 (print), 1939-182X (electronic).



- scientists in America: struggles and strategies to 1940.* [Ros18]  
The Johns Hopkins University Press, Baltimore, MD, USA, 1982. ISBN 0-8018-2443-5 (hardcover), 0-8018-2509-1 (paperback). xviii + 439 pp. LCCN Q130 .R683 1982.
- [Ros95] **Rossiter:1992:WSA**  
Margaret W. Rossiter. *Women scientists in America.* The Johns Hopkins University Press, Baltimore, MD, USA, 1992–1995. ISBN 0-8018-4893-8 (hardcover), 0-8018-5711-2 (paperback). xviii + 584 + 16 pp. LCCN Q130 .R683 1992.
- [Ros12a] **Rossiter:2012:STT**  
Margaret W. Rossiter. A sophomore tackles Thomas Kuhn’s structure of scientific revolutions (1964). *Historical Studies in the Natural Sciences*, 42(5): 562–563, November 2012. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.562.pdf>.
- [Ros12b] **Rossiter:2012:WSA**  
Margaret W. Rossiter. *Women scientists in America: forging a new world since 1972.* The Johns Hopkins University Press, Baltimore, MD, USA, 2012. ISBN 1-4214-0233-5 (hardcover), 1-4214-0363-3 (paperback). xx + 426 pp. LCCN Q130 .R6835 2012.
- [Rosenberg:2018:DW]  
Daniel Rosenberg. Data as word. *Historical Studies in the Natural Sciences*, 48(5):557–567, November 2018. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Ross:2022:IFP]  
Andrew J. Ross. An icy feud in planetary science: Carl Sagan, Edward Teller, and the ideological roots of the nuclear winter debates, 1980–1984. *Historical Studies in the Natural Sciences*, 52(2):190–??, April 2022. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/52/2/190/144553/An-Icy-Feud-in-Planetary-ScienceCarl-Sagan-Edward>.
- [Rot13] **Rothschild:2013:EAA**  
Rachel Rothschild. Environmental awareness in the atomic age: Radioecologists and nuclear technology. *Historical Studies in the Natural Sciences*, 43(4):492–530, September 2013. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2013.43.4.492>.
- [Rud08] **Rudwick:2008:WBA**  
M. J. S. Rudwick. *Worlds before Adam: the reconstruction of geohistory in the age of reform.* University of Chicago Press, Chicago, IL, USA, 2008. ISBN

0-226-73128-6 (cloth). xxii + 614 pp. LCCN QE13.E85 R83 2008. URL <http://www.loc.gov/catdir/enhancements/fy0827/2007041676-b.html>; <http://www.loc.gov/catdir/enhancements/fy0827/2007041676-d.html>; <http://www.loc.gov/catdir/toc/ecip082/2007041676.html>.

**Rueger:1992:ATI**

[Rue92]

Alexander Rueger. Attitudes towards infinities: Responses to anomalies in quantum electrodynamics, 1927–1947. *Historical Studies in the Physical and Biological Sciences*, 22(2):309–337, 1992. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757684>.

**Ruger:1988:ACE**

[Rüg88]

Alexander Rügner. Atomism from cosmology: Erwin Schrödinger's work on wave mechanics and space-time structure. *Historical Studies in the Physical and Biological Sciences*, 18(2):377–401, 1988. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757607>.

**Rupke:2008:AHM**

[Rup08]

Nicolaas A. Rupke. *Alexander von Humboldt: a metabiography*. University of Chicago

Press, Chicago, IL, USA, University of Chicago Press paperback edition, 2008. ISBN 0-226-73149-9 (paperback). 316 pp. LCCN Q143.H9 R87 2008. URL <http://www.loc.gov/catdir/enhancements/fy0828/2008001122-b.html>; <http://www.loc.gov/catdir/enhancements/fy0828/2008001122-d.html>; <http://www.loc.gov/catdir/toc/ecip088/2008001122.html>.

**Russo:1981:FRB**

[Rus81]

Arturo Russo. Fundamental research at Bell Laboratories: The discovery of electron diffraction. *Historical Studies in the Physical Sciences*, 12(1):117–160, 1981. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757491>.

**Russo:1986:SII**

[Rus86]

Arturo Russo. Science and industry in Italy between the two World Wars. *Historical Studies in the Physical and Biological Sciences*, 16(2):281–320, 1986. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757567>.

**Russell:2011:EHU**

[Rus11a]

Edmund Russell. *Evolutionary history: uniting history and biology to understand life on Earth*. Studies in environment and history. Cambridge

- University Press, Cambridge, UK, 2011. ISBN 0-521-76211-1 (hardback), 0-521-74509-8 (paperback). xxi + 216 pp. LCCN QH366.2 .R88 2011; QH366.2 .R88X 2011 (LC). [Rus16]
- Ruse:2016:RGM**
- Michael Ruse. Review: *The Greatest Man Since the Deluge?* *Historical Studies in the Natural Sciences*, 46(4):528–537, September 2016. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- Russo:2011:EPM**
- [Rus11b] Arturo Russo. Europe’s path to Mars: The European Space Agency’s Mars Express Mission. *Historical Studies in the Natural Sciences*, 41(2):123–178, Spring 2011. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2011.41.2.123>. [Sak24]
- Sakurai:2024:LBE**
- Ayako Sakurai. Listing butterflies: Economic and epistemic logistics of commodification, 1880s–1910s. *Historical Studies in the Natural Sciences*, 54(2):216–??, April 2024. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/54/2/216/200669/Listing-ButterfliesEconomic-and-Epistemic>.
- Ruswick:2013:AWP**
- [Rus13] Brent Ruswick. *Almost worthy: the poor, paupers, and the science of charity in America, 1877–1917*. Philanthropic and nonprofit studies. Indiana University Press, Bloomington, IN, USA, 2013. ISBN 0-253-00634-1 (hardcover), 0-253-00638-4 (e-book). xi + 267 pp. LCCN HV91 .R87 2013. [Sal07]
- Saliba:2007:ISM**
- George Saliba. *Islamic science and the making of the European Renaissance*. Transformations. MIT Press, Cambridge, MA, USA, 2007. ISBN 0-262-19557-7 (hardcover). xi + 315 pp. LCCN Q127.I742 S35 2007. URL <http://www.loc.gov/catdir/toc/ecip0617/2006023618.html>.
- Ruskin:2015:BNH**
- [Rus15] Steve Ruskin. The business of natural history: Charles Aiken, Colorado ornithology, and the role of the professional collector. *Historical Studies in the Natural Sciences*, 45(3):357–396, June 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2015.45.3.357>. [Sam23]
- Samudzi:2023:HD**
- Zoé Samudzi. Haunted by denial. *Historical Studies in the Natural Sciences*, 53(1):94–??, February 2023. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://>

//online.ucpress.edu/hsns/  
 article/53/1/94/195530/  
 Haunted-by-Denial.

**Santesmases:2005:SOM**

[San05]

María Jesús Santesmases. *Severo Ochoa: de músculos a proteínas. (Spanish) [Severo Ochoa: from muscles to proteins]*. Memorias y biografías. Síntesis, Madrid, Spain, 2005. ISBN 84-9756-311-5. 398 pp. LCCN QP511.8.O24 S26 2005.

[San15]

**Santesmases:2015:HCC**

dex. ISBN: 978-0-813-54404-5. \$35.00 (cloth). Maria Rentetzi.

María Jesús Santesmases. Human chromosomes and cancer: Tumors and the geographies of cytogenetic practices, 1951–1956. *Historical Studies in the Natural Sciences*, 45(1):85–114, February 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2015.45.1.85>.

**Santesmases:2010:BRL**

[San10]

María Jesús Santesmases. Book reviews: Life and Death in the Atomic Era: Jacob D. Hamblin. *Poison in the Well: Radioactive Waste in the Oceans at the Dawn of the Nuclear Age*. New Brunswick: Rutgers University Press, 2008. x + 311 pp., index. ISBN: 978-0-813-54220-1. \$49.95 (cloth). Néstor Herran. *Aguas, semillas y radiaciones: El Laboratorio de Radiactividad de la Universidad de Madrid*. Madrid: Consejo Superior de Investigaciones Científicas, 2008. 271 pp., illus., index. ISBN: 978-8-400-08692-3. \$29.95 (cloth). Gerald Kutcher. *Contested Medicine: Cancer Research and the Military*. Chicago: University of Chicago Press, 2009. x + 247 pp., index. ISBN: 978-0-226-46531-9. \$35.00 (cloth). Ellen Leopold. *Under the Radar: Cancer and the Cold War*. New Brunswick, NJ: Rutgers University Press, 2009. xii + 284 pp., illus., in-

[Sar50]

**Sarton:1950:BBS**

George Sarton. Boyle and Bayle the sceptical chemist and the sceptical historian. *Chymia: Annual Studies in the History of Chemistry*, 3(??):155–189, ???? 1950. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757151>.

**Saraiva:2010:FLG**

[Sar10a]

Tiago Saraiva. Fascist landscapes: Geneticists, wheat, and the landscapes of fascism in Italy and Portugal. *Historical Studies in the Natural Sciences*, 40(4):457–498, Fall 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2010.40.4.457>.

**Sarasohn:2010:NPM**

[Sar10b]

Lisa T. Sarasohn. *The natural philosophy of Margaret Cavendish: reason and fancy*

during the scientific revolution, volume 2 (128th series) of *The Johns Hopkins University studies in historical and political science*. The Johns Hopkins University Press, Baltimore, MD, USA, 2010. ISBN 0-8018-9443-3 (hardcover). xi + 251 pp. LCCN Q130 .S266 2010.

[Sch81]

**Schofield:1959:JWI**

[Sch59]

Robert E. Schofield. Josiah Wedgwood, industrial chemist. *Chymia: Annual Studies in the History of Chemistry*, 5(?):180–192, ??? 1959. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757184>.

**Schofield:1964:SMW**

[Sch86]

[Sch64]

Robert E. Schofield. Still more on the water controversy. *Chymia: Annual Studies in the History of Chemistry*, 9(?):71–76, ??? 1964. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757233>.

**Schelar:1966:TTL**

[Sch66]

Virginia M. Schelar. Thermochemistry and the Third Law of Thermodynamics. *Chymia: Annual Studies in the History of Chemistry*, 11(?):99–124, ??? 1966. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757262>.

[Sch88]

**Schufle:1967:TBE**

[Sch67]

J. A. Schufle. Torbern Bergman, Earth scientist. *Chymia: An-*

*nual Studies in the History of Chemistry*, 12(?):58–97, ??? 1967. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757274>.

**Schubring:1981:MTT**

Gert Schubring. Mathematics and teacher training: Plans for a Polytechnic in Berlin. *Historical Studies in the Physical Sciences*, 12(1):161–194, ??? 1981. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757492>.

**Schweber:1986:ETR**

S. S. Schweber. The empiricist temper regnant: Theoretical physics in the United States 1920–1950. *Historical Studies in the Physical and Biological Sciences*, 17(1):55–98, ??? 1986. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757575>.

**Schopman:1988:ISS**

Joop Schopman. Industrious science: Semiconductor research at the N. V. Philips' Gloeilampenfabrieken, 1930–1957. *Historical Studies in the Physical and Biological Sciences*, 19(1):137–172, ??? 1988. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757619>.

- [Sch90] **Schweber:1990:YJC**  
 S. S. Schweber. The young John Clarke Slater and the development of quantum chemistry. *Historical Studies in the Physical and Biological Sciences*, 20(2):339–406, 1990. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757647>.
- [Sch02] **Scheideler:2002:SMA**  
 Britta Scheideler. The scientist as moral authority: Albert Einstein between elitism and democracy, 1914–1933. *Historical Studies in the Physical and Biological Sciences*, 32(2):319–346, March 2002. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Sch03] **Schirmacher:2003:ETP**  
 Arne Schirmacher. Experimenting theory: The proofs of Kirchhoff’s radiation law before and after Planck. *Historical Studies in the Physical and Biological Sciences*, 33(2):299–335, March 2003. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Sch07] **Schickore:2007:MEH**  
 Jutta Schickore. *The microscope and the eye: a history of reflections, 1740–1870*. University of Chicago Press, Chicago, IL, USA, 2007. ISBN 0-226-73784-5 (cloth). ix + 317 pp. LCCN QH204 .S34 2007. URL <http://www.loc.gov/catdir/enhancements/fy0732/2007006102-d.html>; <http://www.loc.gov/catdir/enhancements/fy0827/2007006102-b.html>; <http://www.loc.gov/catdir/toc/ecip0710/2007006102.html>.
- [Sch08a] **Schmalzer:2008:PPM**  
 Sigrid Schmalzer. *The people’s Peking man: popular science and human identity in twentieth-century China*. University of Chicago Press, Chicago, IL, USA, 2008. ISBN 0-226-73859-0 (hardcover), 0-226-73860-4 (paperback). xix + 346 pp. LCCN GN284.7 .S36 2008. URL <http://www.loc.gov/catdir/enhancements/fy0829/2007046296-d.html>; <http://www.loc.gov/catdir/enhancements/fy0829/2007046296-t.html>.
- [Sch08b] **Schwartz:2008:PGD**  
 James Schwartz. *In pursuit of the gene: from Darwin to DNA*. Harvard University Press, Cambridge, MA, USA, 2008. ISBN 0-674-02670-5. xiii + 370 pp. LCCN QH428 .S24 2008. URL <http://www.loc.gov/catdir/toc/fy0804/2007034830.html>.
- [Sch09] **Scheiding:2009:PKO**  
 Tom Scheiding. Paying for knowledge one page at a time: The author fee in physics in Twentieth-Century America.

*Historical Studies in the Natural Sciences*, 39(2):219–247, May 2009. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic).

**Schmalzer:2012:PSU**

[Sch12a]

Sigrid Schmalzer. Popular science, a useful and productive category after all: Book reviews: Peter J. Bowler, *Science for All: The Popularization of Science in Early Twentieth-Century Britain*. Chicago: University of Chicago Press, 2009. ix + 339 pp., illus., app., bibl., index. ISBN 978-0-226-06863-3. \$45.00 (cloth). Sally Gregory Kohlstedt, *Teaching Children Science: Hands-On Nature Study in North America, 1890–1930*. Chicago: University of Chicago Press, 2010. 363 pp., illus., apps., bibl., index. ISBN 978-0-226-44990-6. \$45.00 (cloth). Nikolai Kremmentsov, *A Martian Stranded on Earth: Alexander Bogdanov, Blood Transfusions, and Proletarian Science*. Chicago: University of Chicago Press, 2011. xvi + 192 pp., illus., bibl., index. ISBN 978-0-226-45412-2. \$35.00 (cloth). Asif A. Siddiqi, *The Red Rockets' Glare: Spaceflight and the Soviet Imagination, 1857–1957*. New York: Cambridge University Press, 2010. xiv + 402 pp., illus., tables, index. ISBN 978-. *Historical Studies in the Natural Sciences*, 42(5):590–600, November 2012. CO-

[Sch12b]

DEN ????? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.590.pdf>.

**Schweber:2012:NFM**

S. S. (Silvan S.) Schweber. *Nuclear forces: the making of the physicist Hans Bethe*. Harvard University Press, Cambridge, MA, USA, 2012. ISBN 0-674-06587-5 (hardcover). viii + 579 + 12 pp. LCCN QC774.B4 S39 2012. £25.95.

**Schickore:2020:OEP**

[Sch20]

Jutta Schickore. Obsolete, extraneous, or pertinent? *Philosophy of Science and Historical Studies in the Physical (Natural) Sciences. Historical Studies in the Natural Sciences*, 50(1–2):17–24, April 2020. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic).

**Scott:1950:KFM**

[Sco50]

John Mark Scott. Karl Friedrich Mohr, 1806–1879: Father of volumetric analysis. *Chymia: Annual Studies in the History of Chemistry*, 3(?):191–203, ??? 1950. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757152>.

**Suarez-Diaz:2008:BRy**

[SD08]

Edna Suarez-Diaz. Book reviews: Yes! There's Still a Lot to Learn about the History of Molecular Biology: Frederic Lawrence Holmes. *Reconceiving*

- the Gene: Seymour Benzer's Adventures in Phage Genetics*. Ed. William C. Summers. New Haven, CT: Yale University Press, 2006. ix + 334 pp., illus., index. ISBN 978-03001-1078-4. \$55 (hardcover). María Jesús Santasmases. *Severo Ochoa: De músculos a proteínas*. Madrid: Editorial Síntesis/FECYT, 2005. 398 pp., illus., index. ISBN 978-84-9756-311-6. EUR17.79 (paperback). Bruno J. Strasser. *La fabrique d'une nouvelle science: La biologie moléculaire à l'âge atomique (1945-1964)*. Florence: Leo O. Olschki Editore, 2006. xxxiii + 450 pp., illus., index. ISBN 978-88-222-5496-2. \$74.50 (paperback). *Historical Studies in the Natural Sciences*, 38(3): 463-473, August 2008. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Sei86a] **Seidel:1986:BRN**
- Robert W. Seidel. Book review: Nuclear physics under Rutherford at Cambridge: *Rutherford: Simple Genius* by David Wilson; *Cockcroft and the Atom* by T. E. Allibone and Guy Hartcup; *Oliphant* by Stewart Cockburn and David Ellyard; *Cambridge Physics in the Thirties* by John Hendry. *Historical Studies in the Physical and Biological Sciences*, 17(1): 175-181, 1986. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757578>.
- [Sei86b] **Seidel:1986:HBS**
- Robert W. Seidel. A home for big science: The Atomic Energy Commission's laboratory system. *Historical Studies in the Physical and Biological Sciences*, 16(1):135-175, 1986. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757560>.
- [Sec14] **Secord:2014:VSB**
- James A. Secord. *Visions of science: books and readers at the dawn of the Victorian age*. University of Chicago Press, Chicago, IL, USA, 2014. ISBN 0-226-20328-X (hardcover). xiii + 306 pp. LCCN Q127.G4 S44 2014.
- [Sei83] **Seidel:1983:ASP**
- Robert W. Seidel. Accelerating science: The postwar transformation of the Lawrence Radiation Laboratory. *Historical Studies in the Physical Sciences*, 13(2):375-400, 1983. CODEN HSPSAS. ISSN 0073-2672
- [Sei87] **Seidel:1987:GFH**
- Robert W. Seidel. From glow to flow: a history of military laser research and development. *Historical Studies in the Physical and Biological Sciences*, 18(1):111-147, 1987. CODEN HSPSEW. ISSN 0890-



- 9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757598>.
- [Sei01] Robert W. Seidel. The national laboratories of the Atomic Energy Commission in the early Cold War. *Historical Studies in the Physical and Biological Sciences*, 32(1):145–162, September 2001. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). **Seidel:2001:NLA**
- [Sei08] Robert W. Seidel. From factory to farm: Dissemination of computing in high-energy physics. *Historical Studies in the Natural Sciences*, 38(4):479–507, November 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). **Seidel:2008:FFD**
- [Sem66] A. Sementsov. Egor Egorovich Vagner and his role in terpene chemistry. *Chymia: Annual Studies in the History of Chemistry*, 11(??):151–155, ???? 1966. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757265>. **Sementsov:1966:EEV**
- [Sem08] Ioanna Semendeferi. Legitimizing a nuclear critic: John Gofman, radiation safety, and cancer risks. *Historical Studies in the Natural Sciences*, 38(2):259–301, May 2008. CODEN ???? **Semendeferi:2008:LNC**
- [Sem23] Elyse Semerdjian. Archival wounds. *Historical Studies in the Natural Sciences*, 53(1):97–??, February 2023. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/53/1/97/195532/Archival-Wounds>. **Semerdjian:2023:AW**
- [Seo21] Victor Seow. Book review: *Time/Travel*. *Historical Studies in the Natural Sciences*, 51(3):420–??, June 2021. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/51/3/420/117355/Time-Travel>. **Seow:2021:BRT**
- [Sep18] David Sepkoski. Data in time: Statistics, natural history, and the visualization of temporal data. *Historical Studies in the Natural Sciences*, 48(5):581–593, November 2018. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). **Sepkoski:2018:DTS**
- [Ser77] Daniel Serwer. Unmechanischer Zwang: Pauli, Heisenberg, and the rejection of the mechanical atom, 1923–1925. *Historical Studies in the Physical Sciences*, 8(??):189–256, ???? 1977. CODEN HSPSAS. ISSN 0073-2672 **Serwer:1977:UZP**

- (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757371>.
- [Ser83] John W. Servos. To explore the borderland: The foundation of the Geophysical Laboratory of the Carnegie Institution of Washington. *Historical Studies in the Physical Sciences*, 14(1):147–185, 1983. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757528>.
- [Set04] Suman Seth. Quantum theory and the electromagnetic world-view. *Historical Studies in the Physical and Biological Sciences*, 35(1):67–93, September 2004. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). See comment [Kat05] and response [Set05].
- [Set05] Suman Seth. Response to Shaul Katzir: “On the electromagnetic world-view”. *Historical Studies in the Physical and Biological Sciences*, 36(1):193–196, September 2005. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). See [Set04, Kat05].
- [Set10] Suman Seth. *Crafting the quantum: Arnold Sommerfeld and the practice of theory, 1890–1926*. Transformations. MIT Press, Cambridge, MA, USA, 2010. ISBN 0-262-01373-8 (hardcover). viii + 378 pp. LCCN QC16.S76 S48 2010.
- [Set11] Suman Seth. The history of physics after the cultural turn. *Historical Studies in the Natural Sciences*, 41(1):112–122, Winter 2011. CODEN HSNL ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2011.41.1.112>.
- [Set12] Megan Barnhart Sethi. Information, education, and indoctrination: The Federation of American Scientists and public communication strategies in the Atomic Age. *Historical Studies in the Natural Sciences*, 42(1):1–29, February 2012. CODEN HSNL ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2012.42.1.1>.
- [Set16] Suman Seth. Darwin and the ethnologists: Liberal racialism and the geological analogy. *Historical Studies in the Natural Sciences*, 46(4):490–527, September 2016. CODEN HSNL ISSN 1939-1811 (print), 1939-182X (electronic).
- [Set20] Suman Seth. Russell McCormach and the empathetic world-

**Servos:1983:EBF****Seth:2011:HPA****Seth:2004:QTE****Sethi:2012:IEI****Seth:2005:RSK****Seth:2016:DEL****Seth:2010:CQA****Seth:2020:RME**

- view. *Historical Studies in the Natural Sciences*, 50(1–2):5–10, April 2020. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [SF13] **Silva:2013:CPQ** Indianara Silva and Olival Freire, Jr. The concept of the photon in question: The controversy surrounding the HBT effect circa 1956–1958. *Historical Studies in the Natural Sciences*, 43(4):453–491, September 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns>. 2013.43.4.453. See corrections [SF15].
- [SF15] **Silva:2015:CCP** Indianara Silva and Olival Freire, Jr. Corrections: “The Concept of the Photon in Question: The Controversy Surrounding the HBT Effect circa 1956–1958, HSNS **43**, no. 4 (2013). *Historical Studies in the Natural Sciences*, 45(3):511, June 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns>. 2015.45.3.511. See [SF13].
- [SG99] **Simoes:1999:QCQ** Ana Simões and Kostas Gavroglu. Quantum chemistry qua applied mathematics. The contributions of Charles Alfred Coulson (1910–1974). *Historical Studies in the Physical and Biological Sciences*, 29(2):363–406, ???? 1999. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [She12] **Shell:2012:HSC** Hanna Rose Shell. *Hide and seek: camouflage, photography, and the media of reconnaissance*. Zone Books, New York, NY, USA, 2012. ISBN 1-935408-22-4. 239 + 16 pp. LCCN TR148 .S54 2012.
- [She16] **Sheldon:2016:RSS** Myrna Perez Sheldon. Review: *The Study of Science and Religion as Social Justice*. *Historical Studies in the Natural Sciences*, 46(4):538–547, September 2016. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Shi79] **Shinn:1979:FSF** Terry Shinn. The French Science Faculty System, 1808–1914: Institutional change and research potential in mathematics and the physical sciences. *Historical Studies in the Physical Sciences*, 10(?):271–332, ???? 1979. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757392>.
- [Shi86] **Shinn:1986:RFS** Terry Shinn. Review: Failure or success? interpretations of 20th Century French physics. *Historical Studies in the Physical and Biological Sciences*, 16

(2):353–369, 1986. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757569>.

**Shinn:1987:RFS**

[Shi87] Terry Shinn. Review: Failure or success? interpretations of 20th Century French physics. *Historical Studies in the Physical and Biological Sciences*, 17(2):361–??, 1987. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757588>.

**Shinn:1993:BGE**

[Shi93] Terry Shinn. Bellevue grand électroaimant, 1900–1940: Birth of a research-technology community. *Historical Studies in the Physical and Biological Sciences*, 24(1):157–187, 1993. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Shields:2016:MPC**

[Shi16] Brit Shields. Mathematics, peace, and the Cold War: Scientific diplomacy and Richard Courant’s scientific identity. *Historical Studies in the Natural Sciences*, 46(5):556–591, November 2016. CODEN 1939-1811 (print), 1939-182X (electronic).

**Shindell:2019:MCE**

[Shi19] Matthew Shindell. Making a community of experts: The rise

of consensus-based assessments for policy in Cold War America. *Historical Studies in the Natural Sciences*, 49(1):70–103, February 2019. CODEN 1939-1811 (print), 1939-182X (electronic).

**Shih:2023:TSA**

[Shi23] Ashanti Shih. Talking story with the archives. *Historical Studies in the Natural Sciences*, 53(1):102–??, February 2023. CODEN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/53/1/102/195538/Talking-Story-with-the-Archives>.

**Siddiqi:2010:RRG**

[Sid10] Asif A. Siddiqi. *The Red rockets’ glare: spaceflight and the Soviet imagination, 1857–1957*. Cambridge centennial of flight. Cambridge University Press, Cambridge, UK, 2010. ISBN 0-521-89760-2 (hardcover). 1 v. (xiii + 402) pp. LCCN TL789.8.S65 S489 2010.

**Siegfried:1959:CPH**

[Sie59] Robert Siegfried. The chemical philosophy of Humphry Davy. *Chymia: Annual Studies in the History of Chemistry*, 5(??):193–201, 1959. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757185>.

**Siegfried:1964:PCH**

[Sie64] Robert Siegfried. The phlogistic conjectures of Humphry

- [Sil74] Davy. *Chymia: Annual Studies in the History of Chemistry*, 9 (??):117–124, ????. 1964. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757236>.
- [Sie78] Daniel M. Siegel. Classical-electromagnetic and relativistic approaches to the problem of nonintegral atomic masses. *Historical Studies in the Physical Sciences*, 9(??):323–360, ????. 1978. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757382>.
- [Sie86] Daniel Siegel. The origin of the displacement current. *Historical Studies in the Physical and Biological Sciences*, 17(1):99–146, ????. 1986. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757576>.
- [Sig92] Skuli Sigurdsson. 17,000 reprints later: Description and analysis of the Vito Volterra Reprint Collection. *Historical Studies in the Physical and Biological Sciences*, 22(2):391–397, ????. 1992. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757686>.
- [Silliman:1974:FEP] Robert H. Silliman. Fresnel and the emergence of physics as a discipline. *Historical Studies in the Physical Sciences*, 4 (??):137–162, ????. 1974. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757329>.
- [Sim11] Josep Simon. *Communicating physics: the production, circulation and appropriation of Ganot's textbooks in France and England, 1851–1887*. Pickering and Chatto, London, UK, 2011. ISBN 1-84893-130-1 (hardcover). xi + 302 pp. LCCN ????.
- [Sim16] Josep Simon. Writing the discipline: Ganot's textbook science and the “invention” of physics. *Historical Studies in the Natural Sciences*, 46(3):392–427, June 2016. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic).
- [Sim19] Emily Simpson. Building canals from Panama to Mars: Technological progress and scientific ideals. *Historical Studies in the Natural Sciences*, 49(4):420–446, September 2019. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic).

- [Siv62] **Sivin:1962:WLC**  
 Nathan Sivin. William Lewis (1708–1781) as a chemist. *Chymia: Annual Studies in the History of Chemistry*, 8(??):63–88, ????. 1962. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757218>.
- [Sla00] **Slater:2000:IAS**  
 Leo B. Slater. Industry and academy: The synthesis of steroids. *Historical Studies in the Physical and Biological Sciences*, 30(2):443–480, ????. 2000. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Sla12a] **Slaney:2012:ERB**  
 Patrick David Slaney. Eugene Rabinowitch, the Bulletin of the Atomic Scientists, and the nature of scientific internationalism in the early Cold War. *Historical Studies in the Natural Sciences*, 42(2):114–142, April 2012. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2012.42.2.114>.
- [Sla12b] **Slayton:2012:DAL**  
 Rebecca Slayton. From a “dead albatross” to Lincoln labs: Applied research and the making of a normal Cold War university. *Historical Studies in the Natural Sciences*, 42(4):255–282, September 2012. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2012.42.4.255>.
- [Slo14] **Sloan:2014:MCR**  
 Phillip R. Sloan. Molecularizing Chicago — 1945–1965: The rise, fall, and rebirth of the University of Chicago Biophysics Program. *Historical Studies in the Natural Sciences*, 44(4):364–412, September 2014. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2014.44.4.364>.
- [Sma08] **Smail:2008:DHB**  
 Daniel Lord Smail. *On deep history and the brain*. An Ahmanson foundation book in the humanities. University of California Press, Berkeley, CA, USA, 2008. ISBN 0-520-25289-6 (hardcover), 1-4337-0883-3, 0-520-25812-6 (paperback). xiv + 271 pp. LCCN D16.9 .S62 2008. URL <http://catdir.loc.gov/catdir/enhancements/fy0808/2007011729-b.html>; <http://catdir.loc.gov/catdir/enhancements/fy0808/2007011729-d.html>; <http://catdir.loc.gov/catdir/toc/ecip0713/2007011729.html>.
- [Sme66] **Smeaton:1966:MCM**  
 W. A. Smeaton. Macquer on the composition of metals and the artificial production of gold and silver. *Chymia: Annual Stud-*

- ies in the History of Chemistry*, 11(??):81–88, ????. 1966. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757260>.
- [Smi01] Robert W. Smith. Introduction. *Historical Studies in the Physical and Biological Sciences*, 32(1):3–9, September 2001. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Smi06] Jonathan Smith. *Charles Darwin and Victorian visual culture*. Cambridge studies in nineteenth-century literature and culture. Cambridge University Press, Cambridge, UK, 2006. ISBN 0-521-85690-6 (hardcover). xxiii + 349 pp. LCCN QH46.5 .S65 2006. URL <http://www.loc.gov/catdir/enhancements/fy0703/2006283483-d.html>; <http://www.loc.gov/catdir/enhancements/fy0703/2006283483-t.html>; <http://www.loc.gov/catdir/enhancements/fy0733/2006283483-b.html>.
- [Smo09] Vassiliki Betty Smocovitis. The ‘plant *Drosophila*’: E. B. Babcock, the genus *Crepis*, and the evolution of a genetics research program at Berkeley, 1915–1947. *Historical Studies in the Natural Sciences*, 39(3): 300–355, August 2009. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic).
- [Smo12] Vassiliki Betty Smocovitis. Dr. Kuhn, or how I learned to stop worrying and started loving the structure. *Historical Studies in the Natural Sciences*, 42(5): 564–569, November 2012. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.564.pdf>.
- [Sod94] Thomas Soderqvist. The architecture of a biographical pathway. *Historical Studies in the Physical and Biological Sciences*, 25(1):165–175, ????. 1994. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Sol61] Yurii Ivanovich Solov’ev. New materials for the scientific biography of J. J. Berzelius — the scientific relations of Berzelius with Russian scholars, from unpublished letters. *Chymia: Annual Studies in the History of Chemistry*, 7(??):109–125, ????. 1961. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757208>.
- [Sol65] Yurii Ivanovich Solov’ev. Unpublished letters from

**Smith:2001:I**

**Smith:2006:CDV**

**Smocovitis:2012:DKH**

**Soderqvist:1994:ABP**

**Solovev:1961:NMS**

**Solovev:1965:ULH**

- H. Sainte-Claire Deville to B. S. Yakobi. *Chymia: Annual Studies in the History of Chemistry*, 10(??):111–120, ??? 1965. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757248>. [Spa12]
- [Som20] Geert Somsen. The philosopher and the rooster: Henri Bergson's French diplomatic missions, 1914–1925. *Historical Studies in the Natural Sciences*, 50(4):364–??, September 2020. CODEN ??? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/50/4/364/111894/The-Philosopher-and-the-RoosterHenri-Bergson-s>. [Somsen:2020:PRH]
- [Son53] Glenn Sonnedecker. The scientific background of chemistry teachers in representative pharmacy schools of the United States during the 19th Century. *Chymia: Annual Studies in the History of Chemistry*, 4(??):171–200, ??? 1953. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757168>. [SR02a]
- [Sow17] Adam M. Sowards. Claiming spaces for science: Scientific exploration and the Canadian Arctic Expedition of 1913–1918. *Historical Studies in the Natural Sciences*, 47(2):164–199, April 2017. CODEN ??? ISSN 1939-1811 (print), 1939-182X (electronic). [Sowards:2017:CSS]
- [Spi11] Fred Spier. *Big history and the future of humanity*. Wiley-Blackwell, Chichester, UK, 2011. ISBN 1-4443-3421-2 (hardcover), 1-4443-3943-5 (paperback). xv + 272 pp. LCCN CB19 .S679 2011. [Spier:2011:BHF]
- E. C. (Emma C.) Spary. *Eating the Enlightenment: food and the sciences in Paris*. University of Chicago Press, Chicago, IL, USA, 2012. ISBN 0-226-76886-4 (hardcover), 0-226-76888-0 (e-book). xi + 366 pp. LCCN GT2853.F8 S737 2012. [Spary:2012:EEF]
- [Sanchez-Ron:2002:IRS] José M. Sánchez-Ron. International relations in Spanish physics from 1900 to the Cold War. *Historical Studies in the Physical and Biological Sciences*, 33(1):3–31, September 2002. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Shama:2002:AIR] Gilbert Shama and Jonathan Reinartz. Allied intelligence reports on wartime German penicillin research and production. *Historical Studies in the Physical and Biological Sciences*, 32(2):347–367, March 2002. CODEN HSPSEW. ISSN 0890-



- 9997 (print), 1533-8355 (electronic).
- [SS18] Reinhard Siegmund-Schultze. Applied mathematics versus fluid dynamics: The catalytic role of Richard von Mises (1883–1953). *Historical Studies in the Natural Sciences*, 48(4):475–525, September 2018. ISSN 1939-1811 (print), 1939-182X (electronic).
- [SS23] Emilie Skulberg and Martin Sparre. A black hole in ink: Jean-Pierre Luminet and “Realistic” black hole imaging. *Historical Studies in the Natural Sciences*, 53(4):389–??, September 2023. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/53/4/389/197392/A-Black-Hole-in-InkJean-Pierre-Luminet-and>.
- [SSD15] María Jesús Santesmases and Edna Suárez-Díaz. A cell-based epistemology: Human genetics in the era of biomedicine. *Historical Studies in the Natural Sciences*, 45(1):1–13, February 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2015.45.1.1>.
- [ST70] Romualdas Sviedrys and Arnold Thackray. The rise of physical science at Victorian Cambridge with commentary and with reply. *Historical Studies in the Physical Sciences*, 2(??):127–151, ???? 1970. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757306>.
- [ST18] David Sepkoski and Marco Tamborini. “An image of science”: Cameralism, statistics, and the visual language of natural history in the Nineteenth Century. *Historical Studies in the Natural Sciences*, 48(1):56–109, February 2018. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [ST24] Matthew Shindell and Samantha M. Thompson. Museums and the history of science. *Historical Studies in the Natural Sciences*, 54(1):112–??, February 2024. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/54/1/112/200193/Museums-and-the-History-of-Science>.
- [Sta08] Matthew Stanley. Book reviews: Einstein: Essence or Explanation? *Einstein: His Life and*

- [Sta12] *Universe*, by Walter Isaacson. New York: Simon & Schuster, 2007. xxii + 675 pp., illus., index. \$32 (cloth). *Einstein: A Biography*, by Jürgen Neffe. Trans. Shelley Frisch. New York: Farrar, Straus, and Giroux, 2007. x + 461 pp., illus., index. \$30 (cloth). *Einstein on Politics*. David E. Rowe and Robert Schulmann, ed. Princeton: Princeton University Press, 2007. xxxiv + 523 pp., illus., index. \$29.95 (cloth). *Historical Studies in the Natural Sciences*, 38(1):153–161, February 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Sta16] **Staley:2011:BRD**  
Richard Staley. Book review: Discontinuous memory and the making of quantum mechanics: *Quantum Theory at the Crossroads: Reconsidering the 1927 Solvay Conference* by Guido Bacciagaluppi and Antony Valentini; *Beyond Uncertainty: Heisenberg, Quantum Physics, and the Bomb* by David C. Cassidy; *Crafting the Quantum: Arnold Sommerfeld and the Practice of Theory, 1890–1926* by Suman Seth. *Historical Studies in the Natural Sciences*, 41(4):447–456, November 2011. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2011.41.4.447>. See [BV09, Cas09b, Set10].
- [Sta19] **Stark:2012:HKB**  
Laura Stark. The house that Kuhn built: Teaching Fleck’s genesis and development through structure. *Historical Studies in the Natural Sciences*, 42(5):570–575, November 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.570.pdf>.
- [Stale88] **Staley:2016:RTH**  
Richard Staley. Review: *Telling Histories: Working Worlds and the Sciences of the Twentieth Century*. *Historical Studies in the Natural Sciences*, 46(1):110–118, February 2016. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Stew88] **Stark:2019:BCP**  
James F. Stark. Biopolitics and the collective predicament. *Historical Studies in the Natural Sciences*, 49(5):566–572, November 2019. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Stew88] **Stewart:1988:RTC**  
Larry Stewart. Review: Texts and contextualists: The hunting of Newtonianism. *Historical Studies in the Physical and Biological Sciences*, 19(1):193–197, ???? 1988. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757621>.

**Stevens:2003:FPJ**

- [Ste03] Hallam Stevens. Fundamental physics and its justifications, 1945–1993. *Historical Studies in the Physical and Biological Sciences*, 34(1):151–197, September 2003. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Stevens:2016:RSD**

- [Ste16] Hallam Stevens. Review: *Seeing Data*. *Historical Studies in the Natural Sciences*, 46(2):252–259, April 2016. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

**Stradins:1964:WTG**

- [Str64] Janis Stradins. The work of Theodore Grotthus and the invention of the Davy Safety Lamp. *Chymia: Annual Studies in the History of Chemistry*, 9(??):125–145, ??? 1964. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757237>.

**Strasser:2006:FNS**

- [Str06] Bruno J. Strasser. *La fabrique d'une nouvelle science: la biologie moléculaire à l'âge atomique (1945–1964)*. Leo S. Olschki, Firenze, Italy, 2006. ISBN 88-222-5496-1. xxxiii + 450 pp. LCCN QH506 .S8255 2006.

**Strasser:2008:BRM**

- [Str08] Bruno J. Strasser. Book reviews: Magic Bullets and Wonder Pills: Making Drugs and

Diseases in the Twentieth Century: Robert Bud. *Penicillin: Triumph and Tragedy*. Oxford: Oxford University Press, 2007. 344 pp., illus. ISBN 978-0-19-925406-4. \$46 (hardcover). Jeremy A. Greene. *Prescribing by Numbers: Drugs and the Definition of Disease*. Baltimore: Johns Hopkins University Press, 2007. 336 pp., illus. ISBN 978-0-8018-8477-1. \$42.70 (hardcover). John E. Lesch. *The First Miracle Drugs: How the Sulfa Drugs Transformed Medicine*. Oxford: Oxford University Press, 2007. 376 pp., illus. ISBN 978-0-19-518775-5. \$59.50 (hardcover). Elizabeth Siegel Watkins. *The Estrogen Elixir: A History of Hormone Replacement Therapy in America*. Baltimore: Johns Hopkins University Press, 2007. 368 pp. ISBN 978-0-8018-8602-7. \$37.10 (hardcover). *Historical Studies in the Natural Sciences*, 38(2):303–312, May 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

**Strasser:2010:LMC**

- [Str10] Bruno J. Strasser. Laboratories, museums, and the comparative perspective: Alan A. Boyden's quest for objectivity in serological taxonomy, 1924–1962. *Historical Studies in the Natural Sciences*, 40(2):149–182, May 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

- [Stu75] **Stuewer:1975:GLD**  
 Roger H. Stuewer. G. N. Lewis on detailed balancing, the symmetry of time, and the nature of light. *Historical Studies in the Physical Sciences*, 6(??):469–511, 1975. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757347>.
- [Stu86] **Stuewer:1986:RSM**  
 Roger H. Stuewer. Rutherford's satellite model of the nucleus. *Historical Studies in the Physical and Biological Sciences*, 16(2):321–352, 1986. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757568>.
- [Sun12] **Sunderland:2012:CBR**  
 Mary E. Sunderland. Collections-based research at Berkeley's Museum of Vertebrate Zoology. *Historical Studies in the Natural Sciences*, 42(2):83–113, April 2012. CODEN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2012.42.2.83>.
- [Sur02] **Sur:2002:SSJ**  
 Abha Sur. Scientism and social justice: Meghnad Saha's critique of the state of science in India. *Historical Studies in the Physical and Biological Sciences*, 33(1):87–105, September 2002. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Sur22] **Surita:2022:PPM**  
 Gina Surita. The power of phosphate: Making and breaking bonds across the Atlantic, 1927–1946. *Historical Studies in the Natural Sciences*, 52(1):1–??, February 2022. CODEN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/52/1/1/120501/The-Power-of-Phosphate-Making-and-Breaking-Bonds>.
- [Sut81] **Sutton:1981:PSE**  
 Geoffrey Sutton. The politics of science in early Napoleonic France: The case of the Voltaic pile. *Historical Studies in the Physical Sciences*, 11(2):329–366, 1981. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757483>.
- [Svi76] **Sviedrys:1976:RPL**  
 Romualdas Sviedrys. The rise of physics laboratories in Britain. *Historical Studies in the Physical Sciences*, 7(??):405–436, 1976. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757360>.

- [SW10] **Saraiva:2010:AAG**  
 Tiago Saraiva and M. Norton Wise. Autarky/autarchy: Genetics, food production, and the building of fascism. *Historical Studies in the Natural Sciences*, 40(4):419–428, Fall 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2010.40.4.419>.
- [Szy84] **Szyborski:1984:PIC**  
 Krzysztof Szyborski. The physics of imperfect crystals — a social history. *Historical Studies in the Physical Sciences*, 14(2):317–355, ???? 1984. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757536>.
- [Swa17] **Swanner:2017:ISC**  
 Leandra Swanner. Instruments of science or conquest? Neocolonialism and modern American astronomy. *Historical Studies in the Natural Sciences*, 47(3):293–319, June 2017. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Tab22] **Tabernero:2022:CKS**  
 Carlos Tabernero. The case of the killer she-wolf: Media, the natural sciences, and the construction of the environment in late Franco’s Spain. *Historical Studies in the Natural Sciences*, 52(4):524–??, September 2022. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/52/4/524/191417/The-Case-of-the-Killer-She-WolfMedia-the-Natural>.
- [Szc23] **Szczygielska:2023:RTI**  
 Marianna Szczygielska. Reading teeth: Ivory as an artifact of classed whiteness. *Historical Studies in the Natural Sciences*, 53(3):308–??, June 2023. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/53/3/308/196660/Reading-TeethIvory-as-an-Artifact-of-Classed>.
- [Szc24] **Szczygielska:2024:WEW**  
 Marianna Szczygielska. War on extinction: Wildlife as statecraft in interwar Poland. *Historical Studies in the Natural Sciences*, 54(2):244–??, April 2024.
- [Tai17] **Tai:2017:LRM**  
 Chaokang Tai. Left radicalism and the Milky Way: Connecting the scientific and socialist virtues of Anton Pannekoek. *Historical Studies in the Natural Sciences*, 47(2):200–254, April 2017. CODEN ???? ISSN 1939-

- 1811 (print), 1939-182X (electronic).
- [Tak11] Sean Takats. *The expert cook in Enlightenment France*, volume 2 of *The Johns Hopkins University studies in historical and political science, 129th series*. The Johns Hopkins University Press, Baltimore, MD, USA, 2011. ISBN 1-4214-0283-1 (hardcover). x + 203 pp. LCCN TX719 .T253 2011.
- [Tak12] Chikako Takeshita. *The global biopolitics of the IUD: how science constructs contraceptive users and women's bodies*. Inside technology. MIT Press, Cambridge, MA, USA, 2012. ISBN 0-262-01658-3. xvi + 238 pp. LCCN RG137.3 .T35 2012.
- [Tal16] Marta Jordi Taltavull. Transmitting knowledge across divides: Optical dispersion from classical to quantum physics. *Historical Studies in the Natural Sciences*, 46(3):313–359, June 2016. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Tam18] Marco Tamborini. Expanding the history of natural history. *Historical Studies in the Natural Sciences*, 48(3):390–401, June 2018. ISSN 1939-1811 (print), 1939-182X (electronic).
- [TAR<sup>+</sup>20] Simone Turchetti, Matthew Adamson, Giulia Rispoli, Doubravka Olšáková, and Sam Robinson. Introduction: Just Needham to Nixon? On writing the history of “science–diplomacy”. *Historical Studies in the Natural Sciences*, 50(4):323–??, September 2020. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/50/4/323/111896/> IntroductionJust-Needham-to-Nixon-On-Writing-the.
- [Tat16] Ksenia Tatarchenko. Calculating a showcase: Mikhail Lavrentiev, the politics of expertise, and the international life of the Siberian science-city. *Historical Studies in the Natural Sciences*, 46(5):592–632, November 2016. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Tat19] Ksenia Tatarchenko. Thinking algorithmically: From Cold War computer science to the socialist information culture. *Historical Studies in the Natural Sciences*, 49(2):194–225, April 2019. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Tay48] F. Sherwood Taylor. The argument of Morien and Merlin:

- An English alchemical poem. *Chymia: Annual Studies in the History of Chemistry*, 1(??):23–35, ????. 1948. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757112>.
- [TAV20] **TAVARES:2020:TSI** [Tei10] Heráclio D. Tavares, Alexandre Bagdonas, and Antonio A. P. Videira. Transnationalism as scientific identity: Gleb Wataghin and Brazilian physics, 1934–1949. *Historical Studies in the Natural Sciences*, 50(3):248–301, June 2020. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/50/3/248/110325/Transnationalism-as-Scientific-IdentityGleb>.
- [TCH67] **TCHORBADJIEV:1967:PRF** [Tch67] S. Tchorbadjiev. P. N. Raikov — founder of organic chemistry in Bulgaria. *Chymia: Annual Studies in the History of Chemistry*, 12(??):171–181, ????. 1967. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757280>.
- [TEA23] **TEASLEY:2023:SSP** [Tea23] Sarah Teasley. Sticky solutions: The persistence of animal glues in laboratories and workshops in Twentieth-Century Japan. *Historical Studies in the Natural Sciences*, 53(3):278–??, June 2023. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/53/3/278/196659/Sticky-SolutionsThe-Persistence-of-Animal-Glues-in>.
- [TEI10] **TEISSIER:2010:SSC** [Tei10] Pierre Teissier. Solid-state chemistry in France: Structures and dynamics of a scientific community since World War II. *Historical Studies in the Natural Sciences*, 40(2):225–258, May 2010. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic).
- [TEN19] **TENHAGEN:2019:HFS** [Ten19] Sjang L. Ten Hagen. How “facts” shaped modern disciplines: The fluid concept of fact and the common origins of German physics and historiography. *Historical Studies in the Natural Sciences*, 49(3):300–337, June 2019. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic).
- [TEN22] **TENHAGEN:2022:HTN** [Ten22] Sjang L. Ten Hagen. History as a tool for natural science: How Ernst Mach applied historical methods to physics. *Historical Studies in the Natural Sciences*, 52(1):40–??, February 2022. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/52/1/40/120502/History-as-a-Tool-for-Natural-ScienceHow-Ernst>.

**Terrall:2014:CNA**

- [Ter14] Mary Terrall. *Catching nature in the act: Réaumur and the practice of natural history in the eighteenth century*. University of Chicago Press, Chicago, IL, USA, 2014. ISBN 0-226-08860-X (hardcover), 0-226-08874-X (e-book). viii + 275 pp. LCCN QH15 .T47 2014.

**Thomas:1984:JSF**

- [Tho84] Jerry Thomas. John Stuart Foster, McGill University, and the renaissance of nuclear physics in Montreal, 1935–1950. *Historical Studies in the Physical Sciences*, 14(2):357–377, 1984. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757537>.

**Thomas:2012:SDI**

- [Tho12] William Thomas. Strategies of detection: Interpretive methods in experimental particle physics, 1930–1950. *Historical Studies in the Natural Sciences*, 42(5):389–431, November 2012. CODEN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.389.pdf>.

**Thomas:2017:BSN**

- [Tho17] Marion Thomas. Biological and social new orders: Charles Robin (1821–1885) and Comteanism in the Third Republic. *Historical Studies in*

*the Natural Sciences*, 47(5):653–677, November 2017. CODEN 1939-1811 (print), 1939-182X (electronic).

**Thompson:2022:GHN**

- [Tho22] Peter Thompson. From gas hysteria to nuclear fear: a historical synthesis of chemical and atomic weapons. *Historical Studies in the Natural Sciences*, 52(2):223–??, April 2022. CODEN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/52/2/223/144554/From-Gas-Hysteria-to-Nuclear-FearA-Historical>.

**Tiemeyer:2013:PQL**

- [Tie13] Philip James Tiemeyer. *Plane queer: labor, sexuality, and AIDS in the history of male flight attendants*. University of California Press, Berkeley, CA, USA, 2013. ISBN 0-520-27476-8 (hardcover), 0-520-27477-6 (paperback), 0-520-95530-7 (e-book). xi + 288 pp. LCCN HD6073.A432 T54 2013.

**Tilley:2011:ALL**

- [Til11] Helen Tilley. *Africa as a living laboratory: empire, development, and the problem of scientific knowledge, 1870–1950*. University of Chicago Press, Chicago, IL, USA, 2011. ISBN 0-226-80346-5 (hardcover), 0-226-80347-3 (paperback). xiv + 496 pp. LCCN Q180.A5 T55 2011.



- [Tin24] **Tinn:2024:EAE**  
 Honghong Tinn. East Asia and ethics in technoscience. *Historical Studies in the Natural Sciences*, 54(1):118–??, February 2024. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/54/1/118/200201/East-Asia-and-Ethics-in-Technoscience>.
- [TP16] **Tatarchenko:2016:MSP**  
 Ksenia Tatarchenko and Christopher J. Phillips. Mathematical superpowers: The politics of universality in a divided world. *Historical Studies in the Natural Sciences*, 46(5):549–555, November 2016. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Tre75] **Trenn:1975:RRA**  
 Thaddeus J. Trenn. Rutherford and recoil atoms: The metamorphosis and success of a once stillborn theory. *Historical Studies in the Physical Sciences*, 6(??):513–547, ???? 1975. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757348>.
- [Tur71] **Turner:1971:GPR**  
 R. Steven Turner. The growth of professorial research in Prussia, 1818 to 1848 — causes and context. *Historical Studies in the Physical Sciences*, 3(??):137–182, ???? 1971. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757317>.
- [Tur82] **Turner:1982:JLV**  
 R. Steven Turner. Justus Liebig versus Prussian chemistry: Reflections on early institute-building in Germany. *Historical Studies in the Physical Sciences*, 13(1):129–162, ???? 1982. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757508>.
- [Tur05] **Turner:2005:AFP**  
 R. Steven Turner. After the famine: Plant pathology, *Phytophthora infestans*, and the late blight of potatoes, 1845–1960. *Historical Studies in the Physical and Biological Sciences*, 35(2):341–370, March 2005. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Tur06] **Turchetti:2006:IBN**  
 Simone Turchetti. The invisible businessman: Nuclear physics, patenting practices, and trading activities in the 1930s. *Historical Studies in the Physical and Biological Sciences*, 37(1):153–172, September 2006. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

- [Tur08] **Turner:2008:PAL**  
R. Steven Turner. Potato agriculture, late blight science, and the molecularization of plant pathology. *Historical Studies in the Natural Sciences*, 38(2):223–257, May 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Tur13] **Turner:2013:DSM**  
Fred Turner. *The democratic surround: multimedia and American liberalism from World War II to the psychedelic sixties*. University of Chicago Press, Chicago, IL, USA, 2013. ISBN 0-226-81746-6 (hardcover), 0-226-06414-X (e-book). 365 pp. LCCN P95.82.U6 T87 2013.
- [Tur20] **Turchetti:2020:SDO**  
Simone Turchetti. The (science diplomacy) origins of the Cold War. *Historical Studies in the Natural Sciences*, 50(4):411–??, September 2020. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/50/4/411/111898/The-Science-Diplomacy-Origins-of-the-Cold-War>.
- [Tur24] **Turnbull:2024:REU**  
Thomas M. Turnbull. Redefining efficiency: US physicists and the 1970s energy crisis. *Historical Studies in the Natural Sciences*, 54(3):365–??, June 2024. CODEN ???? ISSN 1939-1811 (print), 1939-182X (elec-
- tronic). URL <https://online.ucpress.edu/hsns/article/54/3/365/201972/Redefining-EfficiencyUS-Physicists-and-the-1970s>.
- [Tyr15] **Tyrrell:2015:BRT**  
Brian Tyrrell. Bred for the race: Thoroughbred breeding and racial science in the United States, 1900–1940. *Historical Studies in the Natural Sciences*, 45(4):549–576, September 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2015.45.4.549>.
- [Tyr18] **Tyrrell:2018:PA**  
Brian Tyrrell. Political animals. *Historical Studies in the Natural Sciences*, 48(4):536–547, September 2018. ISSN 1939-1811 (print), 1939-182X (electronic).
- [Ung19] **Ungureanu:2019:CEC**  
James C. Ungureanu. Creation, evolution, and the continuing conflict. *Historical Studies in the Natural Sciences*, 49(5):573–584, November 2019. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Urd48] **Urdang:1948:ECP**  
George Urdang. The early chemical and pharmaceutical history of calomel. *Chymia: Annual Studies in the History of Chemistry*, 1(?):93–108, ??? 1948. CODEN CHYMAP. ISSN

- 0095-9367. URL <http://www.jstor.org/stable/27757117>.
- [Van49] **VanKlooster:1949:BLI**  
H. S. Van Klooster. The beginnings of laboratory instruction in chemistry in the U.S.A. *Chymia: Annual Studies in the History of Chemistry*, 2(??):1–15, ??? 1949. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757128>.
- [Van07a] **VanDongen:2007:ERA**  
Jeroen Van Dongen. Emil Rupp, Albert Einstein, and the canal ray experiments on wave-particle duality: Scientific fraud and theoretical bias. *Historical Studies in the Physical and Biological Sciences*, 37(S1):73–120, September 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsp.2007.37.S.73.pdf>.
- [Van07b] **VanDongen:2007:IER**  
Jeroen Van Dongen. The interpretation of the Einstein–Rupp experiments and their influence on the history of quantum mechanics. *Historical Studies in the Physical and Biological Sciences*, 37(S1):121–131, September 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsp.2007.37.S.121.pdf>.
- [Var21] **Vargha:2021:V**  
Dóra Vargha. The vaccine. *Historical Studies in the Natural Sciences*, 51(1):162–??, February 2021. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/51/1/162/116289/The-Vaccine>.
- [Vaz23] **Vaziri:2023:TA**  
Parisa Vaziri. Tracing absence. *Historical Studies in the Natural Sciences*, 53(1):106–??, February 2023. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/53/1/106/195529/Tracing-Absence>.
- [VD10] **Vance:2010:GMC**  
Tiffany C. Vance and Ronald E. Doel. Graphical methods and Cold War scientific practice: The Stommel Diagram’s intriguing journey from the physical to the biological environmental sciences. *Historical Studies in the Natural Sciences*, 40(1):1–47, February 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Ved19] **Vedanayagam:2019:BCT**  
Joseph Satish Vedanayagam. Beyond the conflict thesis: Studying science and religion as public policy. *Historical Studies in the Natural Sciences*, 49(4):459–469, September 2019. CODEN ????

ISSN 1939-1811 (print), 1939-182X (electronic).

**Vedanayagam:2020:BRE**

[Ved20]

Joseph Satish Vedanayagam. Book review: Exploring the many meanings of purpose and dialogue in religion and science [Yves Gingras. *Science and Religion: An Impossible Dialogue*. Cambridge: Polity Press, 2017. 272 pp., illus., index. ISBN 978-1-509-51893-7. \$26. 95 (paper). Edward J. Larson and Michael Ruse. *On Faith and Science*. New Haven, CT: Yale University Press, 2017. 312 pp., index. ISBN 978-0-300-21617-2. \$30. 00 (cloth). Michael Ruse. *On Purpose*. Princeton, NJ: Princeton University Press, 2018. 320 pp., index. ISBN 978-0-691-17246-0. \$27. 95 (cloth)]. *Historical Studies in the Natural Sciences*, 50(3):311–322, June 2020. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/50/3/311/110326/Exploring-the-Many-Meanings-of-Purpose-and>.

**Velocci:2022:WTB**

[Vel22]

Beans Velocci. Wrenching torque: On being professionally nonbinary. *Historical Studies in the Natural Sciences*, 52(3):476–??, June 2022. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/52/3/476/185526/>

[Ven24]

[Vet04]

[Vet06]

[Vie17]

Wrenching-TorqueOn-Being-Professionally-Nonbinary.

**Vennen:2024:TTZ**

Mareike Vennen. Tortoise traffic: Zoo animal logistics in Twentieth-Century Berlin. *Historical Studies in the Natural Sciences*, 54(2):268–??, April 2024. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/54/2/268/200665/Tortoise-TrafficZoo-Animal-Logistics-in-Twentieth>.

**Vettel:2004:PNS**

Eric J. Vettel. The protean nature of Stanford University's biological sciences, 1946–1972. *Historical Studies in the Physical and Biological Sciences*, 35(1):95–113, September 2004. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Vettel:2006:BCO**

Eric James Vettel. *Biotech: the countercultural origins of an industry*. Politics and culture in modern America. University of Pennsylvania Press, Philadelphia, PA, USA, 2006. ISBN 0-8122-3947-4, 0-8122-2051-X (paperback), 0-8122-0362-3 (e-book). xv + 273 pp. LCCN HD9999.B442 V48 2006.

**Vienne:2017:WCC**

Florence Vienne. Worlds conflicting: The cell theories of

François-Vincent Raspail and Theodor Schwann. *Historical Studies in the Natural Sciences*, 47(5):629–652, November 2017. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic).

**VonRauchhaupt:2001:CCU**

[Von01]

Ulf Von Rauchhaupt. Colorful clouds and unruly rockets: Early research programs at the Max Planck Institute for Extraterrestrial Physics. *Historical Studies in the Physical and Biological Sciences*, 32(1):115–124, September 2001. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

[vSvS66]

**VonOertzen:2018:DSV**

[Von18]

Christine Von Oertzen. Datafication and spatial visualization in Nineteenth-Century census statistics. *Historical Studies in the Natural Sciences*, 48(5):568–580, November 2018. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic).

[Wal92]

**Voskuhl:2020:IH**

[Vos20]

Adelheid Voskuhl. Industrialization as a historical episode. *Historical Studies in the Natural Sciences*, 50(1–2):50–57, April 2020. CODEN ????? ISSN 1939-1811 (print), 1939-182X (electronic).

**vanSpronsen:1967:HPL**

[vS67]

Jan W. van Spronsen. The history and prehistory of the law of Dulong and Petit as applied

to the determination of atomic weights. *Chymia: Annual Studies in the History of Chemistry*, 12(??):157–169, ??? 1967. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757279>.

**vanSpronsen:1966:OHY**

J. W. van Spronsen and J. W. van Spronsen. One hundred years of the “*Law of Octaves*”: When the Italian Cannizzaro was fighting for atomic weights in Karlsruhe, Newlands fought for the liberation of Italy. *Chymia: Annual Studies in the History of Chemistry*, 11(??):125–137, ??? 1966. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757263>.

**Walker:1992:PPW**

Mark Walker. Physics and propaganda: Werner Heisenberg’s Foreign Lectures under National Socialism. *Historical Studies in the Physical and Biological Sciences*, 22(2):339–389, ??? 1992. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757685>.

**Walker:1994:SNS**

[Wal94a]

Mark Walker. Science, National Socialism, and the *longue durée*. *Historical Studies in the Physical and Biological Sciences*, 24(2):395–402, ??? 1994. CODEN HSPSEW. ISSN 0890-

9997 (print), 1533-8355 (electronic).

**Walters:1994:PS**

- [Wal94b] Alice Walters. Public science. *Historical Studies in the Physical and Biological Sciences*, 24(2):403–??, ????. 1994. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Walker:2000:TTC**

- [Wal00] Deborah Walker. From Tallahassee to Timbuktu: Cold War efforts to measure intercontinental distances. *Historical Studies in the Physical and Biological Sciences*, 30(2):393–415, ????. 2000. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Walker:2015:BRE**

- [Wal15a] Mark Walker. Book review: Émigré Biographies: Anja Skaar Jacobsen, *Léon Rosenfeld: Physics, Philosophy, and Politics in the Twentieth Century*. Hackinsack: World Scientific, 2012. xii + 354 pp., illus., index. ISBN 978-981-4307-81-9. \$87.00 (hardcover).; Christoph Laucht, *Elemental Germans: Klaus Fuchs, Rudolf Peierls and the Making of British Nuclear Culture 1939–1959*. London: Palgrave Macmillan, 2012. xiv + 274 pp., index. ISBN 978-0-230-35487-6. \$75.00 (hardcover).; Mary Jo Nye, *Michael Polanyi and His Generation: Origins of the*

*Social Construction of Science*. Chicago: University of Chicago Press, 2011. xi + 405 pp., illus., index. ISBN 978-0-226-61063-4. \$50.00 (hardcover).; Silvan S. Schweber, *Nuclear Forces: The Making of the Physicist Hans Bethe*. Cambridge, MA: Harvard University Press, 2012. viii + 579 pp., illus., index. ISBN 978-0-674-06587-1. \$35.00 (hardcover). *Historical Studies in the Natural Sciences*, 45(1):206–216, February 2015. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2015.45.1.206>.

**Wallace:2015:CSP**

- [Wal15b] Matthew L. Wallace. A climate for science policy: Constructing postwar atmospheric research in Canada, 1945–1970. *Historical Studies in the Natural Sciences*, 45(4):577–609, September 2015. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2015.45.4.577>.

**Walker:2021:V**

- [Wal21] Oriana Walker. The ventilator. *Historical Studies in the Natural Sciences*, 51(1):165–??, February 2021. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/51/1/165/116290/The-Ventilator>.

- [Wan95a] **Wang:1995:LPL**  
 Jessica Wang. Liberals, the progressive left, and the political economy of postwar American science: The National Science Foundation debate revisited. *Historical Studies in the Physical and Biological Sciences*, 26 (1):139–166, 1995. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Wan95b] **Wang:1995:PBS**  
 Zuoyue Wang. The politics of big science in the Cold War: PSAC and the funding of SLAC. *Historical Studies in the Physical and Biological Sciences*, 25 (2):329–356, 1995. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Wan99a] **Wang:1999:MSP**  
 Jessica Wang. Merton’s shadow: Perspectives on science and democracy since 1940. *Historical Studies in the Physical and Biological Sciences*, 30(1):279–306, 1999. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Wan99b] **Wang:1999:UCS**  
 Zuoyue Wang. U.S.–China scientific exchange: a case study of state-sponsored scientific internationalism during the Cold War and beyond. *Historical Studies in the Physical and Biological Sciences*, 30(1):249–277, 1999. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Wan08] **Wang:2008:SSP**  
 Zuoyue Wang. *In Sputnik’s shadow: the President’s Science Advisory Committee and Cold War America*. Rutgers University Press, New Brunswick, NJ, USA, 2008. ISBN 0-8135-4331-2, (paperback), 0-8135-4332-0 (paperback). xix + 454 pp. LCCN Q127.U6 W365 2008. URL <http://www.loc.gov/catdir/toc/ecip0726/2007035777.html>.
- [Wan12] **Wang:2012:PES**  
 Jessica Wang. Physics, emotion, and the scientific self: Merle Tuve’s Cold War. *Historical Studies in the Natural Sciences*, 42(5):341–388, November 2012. CODEN HSNNS ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.341.pdf>.
- [Wan20] **Wang:2020:MPC**  
 Zuoyue Wang. From modern physics to the Cold War and beyond. *Historical Studies in the Natural Sciences*, 50(1–2):25–30, April 2020. CODEN HSNNS ISSN 1939-1811 (print), 1939-182X (electronic).
- [Wan24] **Wan:2024:TAH**  
 Shu Wan. TikTok Asian history of science. *Historical Studies in the Natural Sciences*, 54

(1):115–??, February 2024. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/54/1/115/200194/TikTok-Asian-History-of-Science>.

**Watkins:2007:EEH**

[Wat07] Elizabeth Siegel Watkins. *The estrogen elixir: a history of hormone replacement therapy in America*. The Johns Hopkins University Press, Baltimore, MD, USA, 2007. ISBN 0-8018-8602-3. ix + 351 pp. LCCN RM295 .W38 2007.

**Weart:1997:GWC**

[Wea97] Spencer R. Weart. Global warming, Cold War, and the evolution of research plans. *Historical Studies in the Physical and Biological Sciences*, 27(2): 319–356, 1997. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Weart:2007:MKM**

[Wea07] Spencer R. Weart. Money for Keeling: Monitoring CO<sub>2</sub> levels. *Historical Studies in the Physical and Biological Sciences*, 37(2):435–452, March 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Weisberg:2022:PPB**

[Wei22] Sarah Weisberg. Pipeline, pathway, burrow: Reworking science’s metaphorical terrain.

*Historical Studies in the Natural Sciences*, 52(5):629–??, November 2022. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/52/5/629/194654/Pipeline-Pathway-BurrowReworking-Science-s>.

**Wellerstein:2012:BRN**

[Wel12] Alex Wellerstein. Book review: Nuclear others: *Being Nuclear: Africans and the Global Uranium Trade* by Gabrielle Hecht. *Historical Studies in the Natural Sciences*, 42(3):235–243, June 2012. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2012.42.3.235>.

**Werner:1997:LAW**

[Wer97] Petra Werner. Learning from an adversary? Warburg against Wieland. *Historical Studies in the Physical and Biological Sciences*, 28(1):173–196, 1997. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Westwick:1996:ASC**

[Wes96a] Peter J. Westwick. ‘abraded from several corners:’ medical physics and biophysics at Berkeley. *Historical Studies in the Physical and Biological Sciences*, 27(1):131–162, 1996. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).



- [Wes96b] **Westwick:1996:SB**  
Peter J. Westwick. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 27(1):177–??, ??? 1996. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Wes97a] **Westwick:1997:SBa**  
Peter J. Westwick. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 27(2):357–??, ??? 1997. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Wes97b] **Westwick:1997:SBb**  
Peter J. Westwick. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 28(1):197–??, ??? 1997. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Wes98a] **Westwick:1998:SBa**  
Peter J. Westwick. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 28(2):353–??, ??? 1998. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Wes98b] **Westwick:1998:SBb**  
Peter J. Westwick. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 29(1):183–??, ??? 1998. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Wes00] **Westwick:2000:SB**  
Peter J. Westwick. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 30(2):481–??, ??? 2000. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Wes01a] **Westfall:2001:CTS**  
Catherine Westfall. Collaborating together: The stories of TPC, UA1, CDF, and CLAS. *Historical Studies in the Physical and Biological Sciences*, 32(1):163–178, September 2001. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Wes01b] **Westfall:2001:F**  
Catherine Westfall. Foreword. *Historical Studies in the Physical and Biological Sciences*, 32(1):1, September 2001. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Wes02] **Westfall:2002:TTM**  
Catherine Westfall. A tale of two more laboratories: Ready-  
ing for research at Fermilab and Jefferson Laboratory. *Historical Studies in the Physical and Biological Sciences*, 32(2):369–407, March 2002. CODEN HSPSEW. ISSN 0890-

- 9997 (print), 1533-8355 (electronic).
- [Wes07] Peter J. Westwick. *Into the black: JPL and the American space program, 1976–2004*. Yale University Press, New Haven, CT, USA, 2007. ISBN 0-300-11075-8. xviii + 392 pp. LCCN TL862.J48 W47 2007. URL <http://www.loc.gov/catdir/enhancements/fy0643/2006013349-b.html>; <http://www.loc.gov/catdir/enhancements/fy0643/2006013349-d.html>; <http://www.loc.gov/catdir/toc/ecip0612/2006013349.html>.
- [Wes08a] Catherine Westfall. Introduction to the special issue: Surviving the squeeze: National Laboratories in the 1970s and 1980s. *Historical Studies in the Natural Sciences*, 38(4):475–478, November 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Wes08b] Catherine Westfall. Retooling for the future: Launching the Advanced Light Source at Lawrence’s Laboratory, 1980–1986. *Historical Studies in the Natural Sciences*, 38(4):569–609, November 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Wes10] Catherine Westfall. Surviving to tell the tale: Argonne’s Intense Pulsed Neutron Source from an ecosystem perspective. *Historical Studies in the Natural Sciences*, 40(3):350–398, August 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).
- [Wes12] Peter J. Westwick, editor. *Blue sky metropolis: the aerospace century in Southern California*, volume 4 of *Western histories*. Published for Huntington-USC Institute on California and the West by University of California Press and Huntington Library, San Marino, California, Berkeley, CA, USA, 2012. ISBN 0-87328-249-3 (hardcover). xii + 308 pp. LCCN HD9711.5.U63 C23 2012.
- [WG10] Edward O. Wilson and José María Gómez Durán. *Kingdom of ants: José Celestino Mutis and the dawn of natural history in the New World*. The Johns Hopkins University Press, Baltimore, MD,

**Westwick:2007:BJA****Westfall:2010:STT****Westfall:2008:ISI****Westwick:2012:BSM****Westfall:2008:RFL****Westfall:2020:RC****Wilson:2010:KAJ**

USA, 2010. ISBN 0-8018-9785-8, 0-8018-9973-7 (e-book). viii + 95 pp. LCCN QK31.M8 W55 2010eb.

**Wheaton:1978:PLP**

[Whe78] Bruce R. Wheaton. Philipp Lenard and the photoelectric effect, 1889–1911. *Historical Studies in the Physical Sciences*, 9(??):299–322, ??? 1978. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757381>.

**Wheaton:1981:IXR**

[Whe81] Bruce R. Wheaton. Impulse X-rays and radiant intensity: The double edge of analogy. *Historical Studies in the Physical Sciences*, 11(2):367–390, ??? 1981. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757484>.

**Wheaton:1982:BR**

[Whe82] Bruce R. Wheaton. Book reviews. *Historical Studies in the Physical Sciences*, 13(1):163–??, ??? 1982. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757509>.

**Wilson:1982:EAM**

[Wil82] David B. Wilson. Experimentalists among the mathematicians: Physics in the Cambridge Natural Sciences Tripos, 1851–1900. *Historical Studies*

*in the Physical Sciences*, 12(2):325–371, ??? 1982. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757499>.

**Wilson:1983:RSG**

[Wil83] David Wilson. *Rutherford, simple genius*. Hodder and Stoughton, London, UK, 1983. ISBN 0-340-23805-4. 638 + 8 pp. LCCN QC16.R8 W54 1983. US\$14.95. URL <http://catalog.hathitrust.org/api/volumes/oclc/10560773.html>.

**Williams:1999:FLB**

[Wil99] James H. Williams. Fang Lizhi's big bang: a physicist and the state in China. *Historical Studies in the Physical and Biological Sciences*, 30(1):49–87, ??? 1999. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Williams:2013:THE**

[Wil13] Rosalind H. Williams. *The triumph of human empire: Verne, Morris, and Stevenson at the end of the world*. University of Chicago Press, Chicago, IL, USA, 2013. ISBN 0-226-89955-1 (hardcover), 0-226-89958-6 (e-book). xi + 416 pp. LCCN PN3435 .W495 2013.

**Wilson:2015:C**

[Wil15] Benjamin Wilson. The consultants: Nonlinear optics and the social world of Cold War science. *Historical Studies in*

- the Natural Sciences*, 45(5):758–804, November 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2015.45.5.758>. [Wis87]
- [Win49] Rudolf Winderlich. Brenngläser als Hilfsmittel chemischen Forschens. (German) [????]. *Chymia: Annual Studies in the History of Chemistry*, 2(??):37–43, ???? 1949. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757131>. [Wis12a]
- [Wis79] M. Norton Wise. William Thomson's mathematical route to energy conservation: a case study of the role of mathematics in concept formation. *Historical Studies in the Physical Sciences*, 10(??):49–83, ???? 1979. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757387>. [Wis12b]
- [Wis82] M. Norton Wise. The Maxwell literature and British dynamical theory. *Historical Studies in the Physical Sciences*, 13(1):175–205, ???? 1982. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757511>. [Wit04]
- [Wise:1987:RWD] M. Norton Wise. Review: What did 19th Century British physics owe to Cambridge? *Historical Studies in the Physical and Biological Sciences*, 17(2):363–368, ???? 1987. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757589>.
- [Wise:2012:C] M. Norton Wise. Crisis. *Historical Studies in the Natural Sciences*, 42(5):576–580, November 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.576.pdf>.
- [Wisnioski:2012:ECC] Matthew H. Wisnioski. *Engineers for change: competing visions of technology in 1960s America*. Engineering studies series. MIT Press, Cambridge, MA, USA, 2012. ISBN 0-262-01826-8 (hardcover). xvii + 286 pp. LCCN T14.5 .W5664 2012.
- [Wittje:2004:PAT] Roland Wittje. A proton accelerator in Trondheim in the 1930s. *Historical Studies in the Physical and Biological Sciences*, 35(1):115–152, September 2004. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Witkowski:2021:BRN**

- [Wit21] Nicholas Witkowski. Book review: *Nature and Modernity in an East Asian Key: An Appreciation of Two Recent Challenges to Eurocentric Scholarship on the Genre of "Natural History"*. *Historical Studies in the Natural Sciences*, 51(2):269–??, April 2021. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/51/2/269/116757/Nature-and-Modernity-in-an-East-Asian-KeyAn>.

**Werner:1967:CTA**

- [WK67] Alfred Werner and George B. Kauffman. Contributions to the theory of affinity and valence. *Chymia: Annual Studies in the History of Chemistry*, 12(??):189–216, ???? 1967. CODEN CHYMAP. ISSN 0095-9367. URL <http://www.jstor.org/stable/27757282>.

**Wolff:2003:PKG**

- [Wol03] Stefan L. Wolff. Physicists in the 'Krieg der Geister': Wilhelm Wien's 'Proclamation'. *Historical Studies in the Physical and Biological Sciences*, 33(2):337–368, March 2003. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

**Wolfe:2010:WDI**

- [Wol10] Audra J. Wolfe. What does it mean to go public? The Ameri-

can response to Lysenkoism, reconsidered. *Historical Studies in the Natural Sciences*, 40(1):48–78, February 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

**Wolfe:2013:BRG**

- [Wol13a] Audra J. Wolfe. Book reviews: Giving philanthropy a new history. Nick Cullather. *The Hungry World: America's Cold War Battle Against Poverty in Asia*. Cambridge, MA: Harvard University Press, 2010. xii + 348 pp., illus., index. ISBN 978-0-674-05078-5. \$36.50 (hardcover); ISBN 978-0-674-72581-2; \$21.95 (paper).; Inderjeet Parmar. *Foundations of the American Century: The Ford, Carnegie, and Rockefeller Foundations in the Rise of American Power*. New York: Columbia University Press, 2012. xii + 356 pp., index. ISBN 978-0-231-14628-9. \$40.00 (hardcover).; Brent Ruswick. *Almost Worthy: The Poor, Paupers, and the Science of Charity in America, 1877–1917*. Bloomington: Indiana University Press, 2013. xiv + 270 pp., illus., index. ISBN 978-0-253-00634-9. \$37.00 (hardcover).; Olivier Zunz. *Philanthropy in America: A History*. Princeton, NJ: Princeton University Press, 2012. xii + 384 pp. ISBN 978-0-691-12836-8. \$29.95 (hardcover). *Historical Studies in the Natural Sciences*, 43(5):619–630, November 2013. CODEN ???? ISSN 1939-1811

(print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2013.43.5.619>.

**Wolfe:2013:CSS**

- [Wol13b] Audra J. Wolfe. *Competing with the Soviets: science, technology, and the state in Cold War America*. Johns Hopkins introductory series in the history of science. The Johns Hopkins University Press, Baltimore, MD, USA, 2013. ISBN 1-4214-0769-8 (hardcover), 1-4214-0771-X (paperback). viii + 166 pp. LCCN Q127.U6 W65 2013.

**Wright:2014:ABI**

- [Wri14] Aaron Sidney Wright. The advantages of bringing infinity to a finite place: Penrose diagrams as objects of intuition. *Historical Studies in the Natural Sciences*, 44(2):99–139, April 2014. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2014.44.2.99>.

**Wright:2018:GSN**

- [Wri18] Will Wright. Geological semantics and the naming of the Anthropocene. *Historical Studies in the Natural Sciences*, 48(1):110–122, February 2018. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

**Wise:1986:MWI**

- [WS86] M. Norton Wise and Crosbie Smith. Measurement, work

and industry in Lord Kelvin's Britain. *Historical Studies in the Physical and Biological Sciences*, 17(1):147–173, ???? 1986. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/27757577>.

**Wu:2020:BRK**

- [Wu20] Harry Yi-Jui Wu. Book review: Korean medicine: A time-honored brand that transformed itself. John P. Dimoia, *Reconstructing Bodies: Biomedicine, Health and Nation-Building in South Korea since 1945*. Stanford, CA: Stanford University Press, 2013. 296 pp., illus. ISBN 978-0-8047-8411-5 (cloth). Theodore Jun Yoo, *It's Madness: The Politics of Mental Health in Colonial Korea*. Oakland: University of California Press, 2016. 248 pp., illus. ISBN: 978-0-520-28930-7 (cloth). Soyoung Suh, *Naming the Local: Medicine, Language, and Identity in Korea since the Fifteenth Century*. Cambridge, MA: Harvard University Press, 2017. xv + 229 pp., illus. ISBN: 978-0-674-97696-2 (cloth). *Historical Studies in the Natural Sciences*, 50(5):633–??, November 2020. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/50/5/633/114258/Korean-MedicineA-Time-Honored-Brand-that>.

- [Yag84] **Yagi:1984:CMM**  
Eri Yagi. Clausius's mathematical method and the mechanical theory of heat. *Historical Studies in the Physical Sciences*, 15 (1):177–195, 1984. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL <http://www.jstor.org/stable/27757545>.
- [Yea03] **Yeang:2003:SLD**  
Chen-Pang Yeang. The study of long-distance radio-wave propagation, 1900–1919. *Historical Studies in the Physical and Biological Sciences*, 33(2):369–403, March 2003. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Yea12] **Yeang:2012:MOI**  
Chen-Pang Yeang. From mechanical objectivity to instrumentalizing theory: Inventing radio ionospheric sounders. *Historical Studies in the Natural Sciences*, 42(3):190–234, June 2012. CODEN HSPSEW. ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2012.42.3.190>.
- [Yi07] **Yi:2007:CRD**  
Doogab Yi. The coming of reversibility: The discovery of DNA repair between the atomic age and the information age. *Historical Studies in the Physical and Biological Sciences*, 37(S1):35–72, September 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [Yi24] **Yi:2024:DSR**  
Jongsik Christian Yi. Decolonization and self-reflection: Teaching the Korean history of science in South Korea. *Historical Studies in the Natural Sciences*, 54(1):121–??, February 2024. CODEN HSPSEW. ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/54/1/121/200191/Decolonization-and-Self-ReflectionTeaching-the>.
- [You06a] **Young:2006:SBb**  
Stephanie Young. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 37(1):173–183, September 2006. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [You06b] **Young:2006:SBa**  
Stephanie C. Young. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 36(2):397–402, March 2006. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).
- [You07a] **Young:2007:SBa**  
Stephanie Young. Selected bibliography. *Historical Studies in the Physical and Biological*

*Sciences*, 37(2):479–492, March 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Zakariya:2013:BRH

Young:2007:SBb

- [You07b] Stephanie C. Young. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 37(S1):133–139, September 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsps.2007.37.S.133.pdf>.

Yu:2023:ABC

- [Yu23] Gloria B. Yu. Addiction beyond a cure. *Historical Studies in the Natural Sciences*, 53(2):189–??, April 2023. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic). URL <https://online.ucpress.edu/hsns/article/53/2/189/195999/Addiction-Beyond-a-Cure>.

Zakariya:2012:MKW

- [Zak12] Nasser Zakariya. Making knowledge whole: Genres of synthesis and grammars of ignorance. *Historical Studies in the Natural Sciences*, 42(5):432–475, November 2012. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.432.pdf>.

[Zak13]

Nasser Zakariya. Book review: Is history still a fraud? Cynthia Stokes Brown. *Big History: From the Big Bang to the Present*. New York and London: New Press, 2007. xvi + 288 pp., illus., bibl., index. ISBN 978-1-595-58196-9. \$25.95 (hardcover).; David Christian. *Maps of Time: An Introduction to Big History*. 2nd edn. Berkeley: University of California Press, 2011. xxvii + 642 pp., illus., bibl., index. ISBN 978-0-520-27144-9. \$26.95 (paper).; Edmund Russell. *Evolutionary History: Uniting History and Biology to Understand Life on Earth*. Cambridge: Cambridge University Press, 2011. xxi + 216 pp., illus., bibl., index. ISBN 978-0-521-74509-3. \$23.99 (paper).; Daniel Lord Smail. *On Deep History and the Brain*. Berkeley: University of California Press, 2011. xiv + 271 pp., bibl., index. ISBN 978-0-520-25812-9. \$21.95 (paper).; Frederick Spier. *Big History and the Future of Humanity*. Chichester, U.K. and Malden, MA: Wiley-Blackwell, 2010. xv + 272. *Historical Studies in the Natural Sciences*, 43(5):631–641, November 2013. CODEN ????. ISSN 1939-1811 (print), 1939-182X (electronic). URL <http://www.jstor.org/stable/10.1525/hsns.2013.43.5.631>.



**Zulueta:2009:MMG**

- [Zul09] Benjamin C. Zulueta. Master of the master gland: Choh Hao Li, the University of California, and science, migration, and race. *Historical Studies in the Natural Sciences*, 39(2):129–170, May 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

**Zunz:2012:PAH**

- [Zun12] Olivier Zunz. *Philanthropy in America: a history*. Politics and society in twentieth-century America. Princeton University Press, Princeton, NJ, USA, 2012. ISBN 0-691-12836-7 (hardcover). x + 381 pp. LCCN HV91 .Z86 2012.