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Title word cross-reference

+ [BRW08, GAI08, TBM01]. $1.9\mathring{A}$ [YKS$^+$12]. 10 [AGO07]. $1s$
[LPC24, PTC$^+$13, PTBH13, UYT97, VT24]. 2 [DAB$^+$23, SRZE04]. 20
[AGO07]. 217 [Gos02a]. 21st [KvH99]. $2 \leq Z \leq 10$ [OE17]. 2×2 [KC19]. 3
[KMR01, SRZE04]. $3 + 1^1$ [SBK15]. $3d$ [MTA00, TSON00]. 5 [HBGvM19]. $5d$
[SED$^+$98]. $5f^2$ [MCC03]. 9 [JGCRC16]. $=$ [HOI$^+$08, KIT$^+$08]. $^+$
[ARS99, BB14, KM98, SJO05, SM23, TM13]. $^-$
[CCM05, JMWG19, SEL01, TM13]. ^{1} [BRW08, VT24]. ^{13} [CPBS05]. $^1\Sigma_g^+$
[Kom05]. ^{2} [SP99]. $^{2+}$ [CLK15, Mam19, SCTH$^+$07]. $^{2-}$ [CSZ99]. ^{2h} [DE05]. ^{3}
[Bel19]. $^{3+}$ [ADA03, JSG$^+$14, JS21]. $^{4+}$ [IOA03, TBM01]. ^{8} [RF13]. ^{9} [RF13].
$\bullet$ [PEMC23]. ^{n} [CPBS05]. $^{n+}$ [LM03]. $^{n\pm}$ [NM03]. $_0$ [MFMCN01]. $_1$ [SP99].
$_{1-x}$ [NIO03]. $_{1.75}$ [NM00]. $_{1/8}$ [GWM$^+$03]. $_{10}$ [LC03]. $_{12}$ [HOI$^+$08]. $_2$
[APNM03, BRW08, CSZ99, DLMS03, GP14, Hog18e, Hog21, Jan97, Lyo08,
Mar08b, MCC03, Miy03, MKK$^+$00, Mur03, NM00, OTA97, Sak03a, SP99,
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[OTA97]. $_{20}$ [PM16]. $_2^+$ [BMR$^+$24, CLK15]. $_2^-$ [Miy03]. $_3$
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$_6$ [APNM03, ADA03, CSZ99, HOI$^+$08, KDG97, MKK$^+$01]. $_{60}$
[LM03, NM03, PEMC23, SCN03]. $_{67}$ [SMAS08]. $_7$ [CL00]. $_{7/8}$ [GWM$^+$03]. $_c$
[DB01]. $_n$ [CMVPFC16, UMD08]. $_x$ [NIO03]. $_X$ — $_Y$ [DE05]. α
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KNM$^+$08, LSZ$^+$00, MYW00, MW08, MKK$^+$00, MTA00, Mur08, Nak00,
NHYU03, OTA97, Ros97, SBA$^+$03, SBK$^+$08, SNMI00, SYIY03, Tan00,
UMD08, YFK$^+$97]. B [ZBM98, Wen21]. β
[CCT02, DNM$^+$14, KS88, MTA00, RMN$^+$14, dLHD10]. β^- [RF13]. :
[ADA03]. D [Apo01, BG23, DB01, CCA13]. d^5 [DST$^+$03]. $e^\pm$
[HHU$^+$21, WHB$^+$24]. E_i [HHU$^+$21]. f [BKC68]. g
[MWL$^+$05, SJO05, Sau05b]. $G \otimes (g \oplus h)$ [LPDB03]. $H \otimes 2h$ [LC03]. I
[ZBM98]. $J > 0$ [ACDV01]. K [GVFR98]. L [HMH$^+$18]. $\leq$ [HHU$^+$21].
$\leq E_i \leq$ [WHB$^+$24]. M [HMH$^+$18]. $\mu - S_2$ [CSZ99]. N
[LK90, CMVPFC16, Gal73, GSTvE98, RRMAF08, VT24]. ns [VT24]. p
[BK70, CCCC15]. π [FH65, Fow03, Ohn67]. $\psi^{(\alpha*)}$ [AFE13]. q [KMR01]. R_3
[MKB04]. s [GW01]. s^2 [AR03]. Σ^+ [SZP21]. T [AHPD$^+$03]. T_3 [MKB04].
$T \otimes (e \oplus t_2)$ [LPDB03]. Y [BMC97]. Z [SGK$^+$08, DTC04].

-2-azabuten-4-yl [NeMM03]. **-Al** [OTA97]. **-Bromopropane** [RRMAF08].
-Bromouracil [HBGvM19]. **-Carboxylic** [JGCRC16]. **-carotene** [CCT02].
-Cyclodextrin [DNM$^+$14, RMN$^+$14, dLHD10]. **-Decay** [RF13].
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[CCA13, KMR01]. **-doped** [IOA03]. **-Edge** [OTA97]. **-Electron**
[FH65, Gal73]. **-ETOs** [AFE13]. **-Family** [DLMS03]. **-helices** [GG20]. **-K**
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/Ã [SP99]. **/alumina** [Hog23c]. **/K** [MTA00].

0.1-2 [Sim07].

1 [BG23, HHU$^+$21]. **1-** [NeMM03]. **11-tetraazacyclotetradecane**
[MYW00]. **1s** [HPB17].

2-azolyl [NeMM03]. **2-bis** [YKY$^+$00]. **2-Cyclohexenone** [GBHM14].
2-Hydroxy-acetamide [SDGW98]. **2012** [Hog13g, Hog14].

3-Dipolar [RGA99]. **3P** [RT18].

4-Center [AA18]. **4-dioctyloxyphenyl** [YKY⁺00]. **40** [Miy03].

= [BMC97, BJMB14, CMVPFC16].

A1N [SYIY03]. **Ab-Initio** [DO09]. **Absolute** [MYM08]. **absorbed**
[LYM03]. **Absorbing** [RDNFH98]. **Absorption**
[CCCC15, CLÅ05, JGCRC16, Jos08, KsKsN08, KNM⁺08, MYW00, MW08,
Mur08, Tak19, YFK⁺97, IOA03, Mur03, SP99, YNNU03]. **Abstract** [KS97b].
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Acid-Water-Ammonia [KV08]. **Acidities** [Sey12]. **Acids** [PP68].
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[Hog21, HDFT24, KBH23]. **Adsorption** [GBHM14, SN08]. **Adv** [Miy03].
Advanced [BKB⁺19, MK23, YKC⁺08, SBA⁺03]. **Advances**
[ABC⁺98, Ano13a, Ano13b, Ano19a, BSB13, Brä21a, BB22b, BB24a, Cam12,
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Löw78a, Löw80a, Löw81a, Löw81b, Löw82a, Löw82b, Löw85a, Löw86a, LSZ88,
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SB03, SBC⁺03, SBCT04a, SBCT04b, SBK04, SO05b, SB05, SBLJ05, SB06,
SB07, SBSL08, SBK⁺08, SBGJ08, SBC09b, SB09a, SBC09a, SBC10, Sab11,
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Advancing [LÖS02]. **Advantages** [HB14]. **Adventurer** [OS05, SO05b].
Advisory [Ano94a, Ano98a]. **Aerosol** [KSG08]. **Affect** [Tak19]. **Affinity**
[KDG97, Bel19, GPEB21]. **after** [MBAPS19]. **Ag**
[ARS17, SHBC19, WHB⁺24]. **Aging** [Löw65c]. **Aharonov** [Sjö04]. **Al**
[KBH23, KKA97, MGAUP23, OTA97, WHB⁺24]. **alcohol** [GC01]. **Algebra**
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[ACDV01, Kou15]. **Alkali** [Jan65, ML18, SCN03, Tak19, SJAB⁺22, STO⁺00].
Alkali-Metal-Doped [SCN03]. **Alkaline** [KRL01, STO⁺00].
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[AVB08]. **Antibinding** [FRM70]. **Antiferromagnetic** [Fuk08a].
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[SS03]. **Antimatter** [Gre08, Fro02]. **Antimatter-The** [Gre08]. **Antiproton**
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PSAP10, SBGJ08, SSV98, SGM⁺13, Sva98, ZLC⁺10, BPK23, Hog14, NBS12,
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IM80, KMHL13, Kob68, KD11, Ler85, LHL18, Löw85c, MH98, McW98,
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[BU97, HOI$^+$08, Oli12, Bel19]. **Boron-Coinage** [BU97]. **Both**
[RC05, CTO22]. **Bottom** [Oli12]. **Bottom-Top** [Oli12]. **Bound**
[AAE$^+$01, CTSSO19, KO19, RLF17, Shi12, CBSM20, JMWG19, RA19].
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C [CPBS05, CSZ99, BMC97, CTSSO19, JMWG19, LM03, NM03, PM16,
PEMC23, SCN03]. **Ca** [CY00, GVFG09]. **Ca-Doped** [CY00]. **Cage** [Kat03].
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PSAP10, Sig05, Sim99, WDD16, BPK23, EW03]. **Classical-quantum**

[Per20]. **Classification** [FHHE82]. **clean** [SH19]. **close** [JS21].
close-coupling [JS21]. **Closed** [Bra77, Cru09c, JSF08, KRL01]. **Closed-**
[Bra77]. **Closed-Shell** [JSF08]. **Closed-Subshell** [KRL01]. **Cluster**
[Ada97a, Bra77, Cam12, CL00, FP06, GEO91, HJ99, HS86, KE97, KE00,
KB86, KMR01, LEK01, LGJP99, MDBM98, MH98, MP89, MMSK16,
MSM17, OTA97, OYI⁺00, PJH05, PM16, PB99, RR05, ST17, SB99, SIY⁺19,
SG80, WN05, YKS⁺12, BPK23, CCM⁺19, EÜSB21, Fuk03, GWW19,
GPEB21, Köv03, LMK19, MKB04, MK23, TMK21, TM21]. **Clusters**
[BHV⁺00, Bor03, CMVPFC16, EGCL91, HL97, HOI⁺08, ILS08, Kap98,
KRL01, KIHA97, LJ17, MLR⁺98, RK04, RMMP17, Saa01, Tak19, EOH03,
Fuk03, LSZ⁺97a, STO⁺00]. **CO** [HB14, Hog21, HDFT24, KBH23, SNMI00,
CMVPFC16, FU00, NHYU03, Yam03]. **Co-** [NHYU03]. **Coalescence**
[KNN17]. **Code** [SGM⁺13]. **Codes** [Pau13]. **Coefficient** [MYM08].
Coefficients [ASGG08, HJ99]. **Cognition** [SS17]. **Cognitive** [Sri01].
Coherence [TS10, CM24]. **Coherent**
[GP04, Ram98, RAR15, Wei04, WMM⁺98]. **Coinage** [BU97]. **cold** [ŻM23].
Collective [BS72, SCE19, JJ20]. **Colliding** [Saa01]. **Collinear** [Per98b].
Collision [Les75, MMM19, Tők19]. **Collisional** [BKB⁺19, MHWvdA97].
Collisions [AGMdV⁺13, Bel09, BMM13, BR17, BB14, CHR13, CCSZ01,
DGKCT15, FAS⁺98, FJS⁺04, KMHL13, Kle77, LK13, Mic74, MF04, MM13,
RGFC13, SCTH⁺07, Bel21, Bel22, JS21, TBM01, ŻM23]. **Colour** [VTM98].
Combinations [LDNP99]. **Combined**
[KBS03, LGJP99, TMN10, TL10, MKK⁺01]. **Combining** [MP97, SBC10].
Combs [MCP12, ML18]. **Comment** [Miy03]. **Communication**
[Nal09, NSM11]. **communications** [Nal23]. **Compact** [HS05, VT24].
Companions [Cra99]. **Comparative** [BRL13, GV09, JJD05, KIT⁺08].
Comparison [BKC68, LvWH⁺01, Löw98, PS05a, QGW01, RR05, Sau05b].
Competing [Dur20]. **Competition** [PMK23]. **competitive** [SCJ⁺23].
Complete [CCA13]. **Complex**
[Byl98, DST⁺03, LBH⁺17, Löw88b, LFM89, NeMM03, Nes75, STZY18,
SIY⁺15, SIY⁺19, Ste73, YAJHR03, YTF78, ALA21, ALA23]. **Complexation**
[ARS99]. **Complexes**
[DB68, JA07, Mam19, MYW00, MHWvdA97, YFK⁺97]. **Component**
[SW98, YZDM01, Bar23]. **Components** [AGO07, QSG98, BB22a].
Composed [PTC⁺13]. **Composition** [MKK⁺00]. **Compounds**
[AVB08, Ber74, GAI08, HSR98, IFAY08, LvWH⁺01, MYM08, Sey12, YM97,
dLHD10, KOT⁺00, TMM03]. **Compton** [KS77, OE17, ÖEO23, VG22].
Computation [BR65, CTS04, Nic10, RGFC13, EÜSB21]. **Computational**
[BBB10, Duc97, LDP⁺04, Mar08b, NAY⁺08, OO05, RRMAF08, ST17, San98,
SBK15, Tur07, LSZ⁺97b]. **computationally** [Wen21]. **Computations**
[AH19b, Ano04l, Har18, LBV01, MRS⁺99]. **Computer**
[FMA08, GBPSR10, MFMCN01]. **Computer-Algebraic** [FMA08].
Computing [Bis19, BPK23]. **Concentrated** [FIK⁺03]. **concept** [JJ20].
Concepts [GDL98, SCT15, SCT16, vL03]. **Conceptual** [Kar08]. **concerted**

[Hes22]. **Concluding** [Uda97]. **Condensate** [DB01]. **Condensed**
[Ber03, Kar97, TMN10]. **Condition** [CCC17]. **Conditions** [KNN17, Bel22].
Condon [AHPD$^+$03, AHPD$^+$03, Pal04, SP99]. **conduction** [JJ20].
Conductive [TY85]. **Conductors** [KTMA08, Oni15]. **Conference**
[Ano97a]. **Configuration** [ATL$^+$18, AA03, Bel19, Bun18, EEL96, EM17,
GC92, LHL18, RMMP17, RP18, RT18, SS99, CAG$^+$21, SKS$^+$19, WLM23].
Configurations [MFLK11, WD70]. **Confined**
[Aqu09, Bad09, BC09, CTO18, CKC09, CLK15, DO09, GV09, GVFG09,
Lau09, LK09, MFLK11, PV09, SPM09, SCM09, SBC09b, SBC09a, WD22].
Confinement [Cru09c, LKD05, BLC23, MBAPS19]. **Confirming** [Fuk15].
Conformation [HZ89]. **Conformational** [HSR98, Pul77]. **conformations**
[GC01]. **Conformers** [SDGW98]. **Conical** [Pet98]. **Conical-Intersection**
[Pet98]. **Conjugate** [Gos02b]. **Conjugated** [Nal09, RPSB00, SD04, TY85].
Conjugation [SS03]. **Conjunction** [Ano08h, ILS08]. **connected** [TM21].
Connection [AdMB99, BVHK03, Gut06, MC10, NFW$^+$98]. **Conoidal**
[LK09]. **conscious** [Per20]. **Consequences** [Coo18]. **Considerations**
[Mar08a, MG20]. **Consistency** [DDPC95, Per90]. **Consistent**
[DKMP98, GDL14, Sla72, VWP$^+$98, WD70, LJKH13, LSC19, Ort22].
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[DE05, Gon98, Kar08, LvWH$^+$01, Moh98, RM04, SPAS05]. **Constrained**
[GM17, Lev90, DAB$^+$23, Zap01]. **Constrained-Search** [Lev90].
Constructed [SW98]. **Construction** [KS97b, SO19c]. **Contact** [MFCT15].
contacts [MOB$^+$03]. **Contemporary** [Sla81]. **Contents**
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Ano98c, Ano01a, Ano01b, Ano01c, Ano03b, Ano03c, Ano04b, Ano04c,
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[NBS10, NBS12]. **Continuum** [ABC$^+$98, BRL13, Cam12, JGCRC16, Jør74,
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[VTPR97, VdLCPT98]. **Contribution** [MYM08, ST07, JMWG19].
Contributions [FAS$^+$98, OOSS17, Ram08, CTSSO19]. **Contributors**
[Ano64b, Ano64d, Ano65b, Ano65d, Ano67c, Ano67e, Ano68c, Ano68e,
Ano70c, Ano70e, Ano72c, Ano72e, Ano73c, Ano73e, Ano74c, Ano75c, Ano77b,
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Ano82c, Ano82d, Ano85b, Ano85c, Ano88b, Ano89b, Ano90a, Ano91a,
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Ano98h, Ano98i, Ano98f, Ano98d, Ano98e, Ano99b, Ano99c, Ano99d, Ano99e,
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Ano10b, Ano11a, Ano11b, Ano12a, Ano12b, Ano13c, Ano14a, Ano15a,
Ano15b, Ano16a, Ano17a, Ano17b, Ano17c, Ano18a]. **Contributors**
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Ano22b, Ano23a, Ano23b, Ano24a, Hog13c, Hog18c, SB13b]. **Control**

LSZB00, NA19, PS21, WLM23]. **Deposition**
[CTS04, CTSDÖ05, CTCS05, CMJR⁺04, MBO⁺07, Sab97, Mic22].
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Described [Cam12, YTC⁺05]. **describing** [Hog23c]. **Description**
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Determinant [ATL⁺18, CAG⁺21]. **Determination**
[ASGG08, SOS13, SSV98, SKS⁺19]. **Determine** [Fuk00]. **Determined**
[Eks98, SBF⁺08]. **Determining** [BWK97, KS88, LASV18, Sme99].
Detonation [PM14]. **Deuteration** [LGK⁺99]. **Deuterium** [LJK⁺08].
Development [BMPV99, LDP⁺04, Nik70, OW08, OO05, TMN10, LH20].
Developments [Ber74, EEL96, HBE64, I'H64, LLBK⁺98, Pet98, SS98,
San98, Sid18, SGM⁺13, TAM04, CCT02]. **DFT**
[ABGM03, AR03, CKC09, KT15, LS07, Mam19, PS21, SKGŚ23]. **DFTB**
[dLHD10]. **DFTB/UFF** [dLHD10]. **DH** [BMR⁺24]. **Diabatic**
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Disordered [Kar97]. **Dispersion** [HJ99, VG22]. **Dissimilarity** [SNM⁺97].
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[BWH08, BŚG17, Hog18e, BLC23]. **Dissociative** [SSS05]. **Distances**
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Distributions [CS77, KS77, AP03]. **Disulfide** [PM16]. **divalent** [FB20].
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Löw65c, SOS11, Sim07, vS07]. **Do** [SS17]. **Does** [Tak19]. **domains** [Tew21].
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OTA97, Ros97, SBA⁺03, SBK⁺08, SNMI00, Tan00, UMD08, YFK⁺97].
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[Ada00, CL00, LSZ⁺00, MYW00, MKK⁺00, Nak00, SBK⁺08, SNMI00, Tan00].
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Dynamically [ILS08]. **Dynamics** [ACC99, BR82, BHV⁺00, BJV86,
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Mic17, PWZ⁺08, RFG⁺98, Saa01, Sab97, SGM⁺13, TA04, dLHD10, GTB23,
Mic02, Mic22, MFMCN01, NTT20, SBH⁺20, WLM23].

E-Hy-CI [RSP21]. **E-learning** [MP22]. **Early** [BB11]. **Earth**
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[Ano90c]. **Editorial**
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[Kar02]. **Effect** [ADA03, BP82, BO86, Chi03, FE97, GWM⁺03, GBPSR10,
HBKS03, ITI⁺00, KT98, MCC03, NM00, NP03, OTA97, Por04, SKT⁺03,
SCM09, Sjö04, SCN03, VWP⁺98, NA19, WHB⁺24]. **Effective** [CHSC03,
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Effectiveness [AFE13]. **Effects**
[AB73, ABC⁺98, BMPV99, Bas64, BS04, Bic13, BB14, BŚG17, CTSDÖ05,
CTO18, CHSC03, CC97, DKV⁺19, ERC88, Fuk00, GMLSC⁺10, GM17,
GC01, GVFG09, IKN⁺08, Jør74, JGNJ08, KH03, KD11, KBS03, Laz04,
LGK⁺99, OYI⁺00, Ono00, Pet98, PSAP10, PGN04, RM04, SIY⁺19,
SDGW98, TS10, UK05, WDD16, AA19, Kar24, SS22, VdLCPT98].
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Eigenfunctions [Sal74]. **Eigenstates** [RP72]. **Eigenvalue** [YTF78, Gos02b].
Eight [LPC24]. **Einstein** [McW99]. **Ejection** [Sim99]. **Eka** [LvWH⁺01].

Eka-Lead [LvWH$^+$01]. **Elastic** [HHU$^+$21, SJAB$^+$22]. **Electric**
[FPL97, IS01, KGI$^+$19, LDB95, Laz04, LHL18, SJO05, UK05, YÖ13].
electrical [BLC23]. **electrode** [KTA03, SYIY03]. **Electrodes**
[OBHM17, KTA03]. **electrodynamic** [PMK23]. **Electrodynamics**
[MDÖ05, Moh98, Sal11, Sau05a, SBG$^+$98, SAL10, SGK$^+$08].
Electromagnetic [BGG$^+$07, IBB$^+$19]. **Electron**
[Ada00, AGO07, AYÖ17, Ave98, Ave13, BGG$^+$07, BL18, BS72, BC80,
CTSDÖ04b, CO17, DBC$^+$99, DSR81, FH65, FJS$^+$04, Gal73, HHK$^+$98,
HUS$^+$11, HPU$^+$17, HMH$^+$18, HS05, HSS$^+$04, HS86, HB14, HO16, HM21,
Hyl64, JA07, KS88, Kap98, Kle77, KDG97, KD11, KvH99, LT98, LJ17, LK13,
LR72, Lon99, Lyk64, MLPD$^+$98, MM96, MA04, MTA00, MSM17, NA04, Nes75,
Nic17, NM03, OYI$^+$00, OM03, Ohn67, ÖB81, Ort99, PKYM01, RP72, RLF17,
Sab97, Sal74, STZY18, SPM09, Sim99, Sim05, SHBC19, SSS05, SGK$^+$08,
SS04, SGM$^+$13, SCN03, SDGW98, TM13, UK05, Yea05, ZDZO11, ZP17,
AO03, AP03, Bel19, Bel21, Cru09c, FCAG19, GTB23, GPEB21, IOA03, Lar02,
LSC19, MOB$^+$03, MU03, Ort22, PGV97, Rou20, SBH$^+$20, SPD09, WLM23].
Electron- [NM03]. **Electron-Capture** [MTA00, Bel21]. **Electron-Driven**
[BGG$^+$07]. **Electron-Impact** [HMH$^+$18]. **Electron-Ion** [LJ17].
Electron-Nuclear [CTSDÖ04b]. **electron-nucleus** [LSC19].
Electron-Pair [TM13]. **Electron-phonon** [SHBC19]. **electron-positron**
[AP03]. **electron-propagator** [Ort22]. **Electronegativity** [OPPZ06].
Electronic [Ada97a, ADRAB16, AB73, AH19b, AR03, AK12, BVHK03,
Bas64, Bas78, BS04, BJMB14, BWK97, Bra67, CTO22, CD05, CMDN89,
CCCC15, CY00, CL00, CCL03, CSZ99, Dau64, DO09, DA14, DB01, DB13,
DBC17, EGCL91, EOH03, FP06, FCH15, FE97, Fuk00, Fuk15, GTB23,
GSTvE98, GM91, GVFG09, Har18, HJ88, HOI$^+$08, HTS$^+$00, Hog13g, Hog14,
Ito03, Jan97, KM98, KIT$^+$08, Ker82, KIHA97, KNI$^+$08, KC19, Kot68, Köv08,
KE97, KE00, KTA03, Kuk14, LM97, Lin17a, LSZ$^+$97a, MC10, MTS04, Mic99,
MKH$^+$97, MYM08, MMSK16, NIO03, Nal03, Nal06, Nal23, OTA03, PR05,
PB75, PB99, PP68, RPSB00, SS98, Sal74, ST78, SNM$^+$97, Shi12, SNIM08,
SMAS08, TY85, Tap01, TA04, Tap09, YKS$^+$12, YM00, AO03, BSL$^+$19,
KOT$^+$00, LSZ$^+$99a, LSZB00, MMM22]. **electronic**
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BG73, FVB99, She15, Sim07, Suc98, ST07, AA19, NBA20, SJAB$^+$22, SM23].
Electronuclear [TA04]. **Electrostatic**
[Jør74, PTBH13, ST78, FSP23, ŻMM23]. **Element**
[AAE$^+$01, BS05a, Fuk15, SGB16]. **Elemental** [ASGG08]. **Elementary**
[CDP82, Gre08, MCG$^+$08]. **Elements**
[CD05, KE98, KRL01, MTA00, RP72, Bar23, TMM03]. **Elliptic** [PS05b].
Elpasolites [APNM03]. **Elucidation** [Oni15, SIY$^+$19]. **Embedded**
[KE97, KE00]. **Embedding** [LC03, LJKH13, OK11, MG21]. **Emerald**
[IOI$^+$00, ITI$^+$00]. **Emission**
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Emitted [AVB08]. **Emitters** [BWVD$^+$13]. **Empirical** [BRL13, HSS$^+$04].

Employing [FP06, Kou15]. **Encaged** [Dol09]. **encoded** [BB22a]. **Endo**
[RGA99]. **Endo/Exo** [RGA99]. **Endohedral** [CTO18]. **Energetic**
[AGMdV⁺13, Ber14, CHR13, Kuk14, MF14, PGJ07, Sab14a, TR14].
Energetics [LYM03, PL98]. **Energies**
[AGO07, Gal73, HMH⁺18, HL90, JSF08, LM03, PEZB98, PGP17, RR05,
SOS11, SYM⁺08, VI01, ZDZO11, Bel22, CTSSO19, CTO22, CTC22,
MKK⁺01, Ort22, PEMC23, SSO19, TBM01]. **Energy**
[AJ04, Apo01, AL04, BB99b, Ber14, Bic13, LJK⁺08, Bun18, CTS04,
CTSDÖ05, CTCS05, CMDN89, CMJR⁺04, CMVPFC16, DKMP98, DDPC95,
GP91, GC92, Glu19, GS04b, HBT⁺00, HL90, IL98, Kho04, KSY08, KB98,
Köv08, LBH⁺17, LJ17, Les75, LDNP99, LASV18, Mic22, MW98, MF04,
MM13, MBO⁺07, MCM14, MMSK16, MSM17, Nak00, Nes75, Oli12, Per98a,
PB14, PLA01, RGFC13, Sab97, SOS13, SPD09, SJO05, SOS15, SW98, Sim07,
Sla64, SSS05, TMN10, Tők19, WN05, YZDM01, Bun23, GG20, Kar24, Lar02,
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Engineering [DO09]. **Enhance** [PB14]. **Enhancement** [LASV18]. **Enlarge**
[MRS⁺99]. **Ensemble** [PGP17]. **Ensembles** [CDK15]. **Entanglement**
[KO19]. **Entropy** [Kou15, Brä22]. **envelopes** [BB22a]. **Environment**
[GBPSR10]. **EOMXCC** [PB99]. **EPR** [Coo18, TP03]. **equal** [NBA20].
Equalization [OPPZ06]. **Equation**
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WN05, Yas17, BG23, BH24, ORL23, Yas23]. **Equation-of-Motion**
[WN05, MKB04]. **Equations**
[BE01, BS05a, Cal85, Kob97, LK90, Per17, SGB16, SKGŚ23, VdLCPT98].
Equilibria [KZR86]. **Equilibrium** [Spe78]. **Equivalence** [EBR92]. **Error**
[Bun18, VWP⁺98]. **Errors** [KB98, Bun23]. **Estimating** [Apo01].
Estimation [Sey12, SIY⁺19]. **Ethanedione** [YKY⁺00]. **Ether** [Fuk08b].
ethylene [RZTSW23]. **ETOs** [AFE13]. **ETS** [ŻMM23]. **ETS-NOCV**
[ŻMM23]. **Euristic** [ST78]. **eV** [AGO07, HHU⁺21, Sim07, WHB⁺24].
Evaluating [Hog18e]. **Evaluation** [AYÖ17, CB92, KS77, KNM⁺08, ÖÖ13,
SB99, ALA23, BSL⁺19, MKK⁺01, Rui23]. **Even** [KGW98]. **Even-Tempered**
[KGW98]. **Evolution** [Brä19, Löw67c, Tos08]. **Evolving** [SIY⁺15, SIY⁺19].
Exact [Bel06, BC09, DeB09, GC10, KB98, Kob97, KNN17, MRHdCK15,
Ort99, SPM09, vL03]. **examined** [MG22]. **Examining** [Brä12]. **Example**
[Lyo08, MCM14]. **Exchange** [Jan65, KB98, LRCR98, LDNP99, MRHdCK15,
MF04, Sla72, ŚBG14, SCTH⁺07, Bel22, JS21, ORL23, SO19c].
Exchange-Correlation [Sla72, ŚBG14, ORL23, SO19c]. **Exchange-Energy**
[LDNP99]. **Exchanges** [PLA01]. **Excitation** [ATL⁺18, Bel09, BLKS78,
GP04, LM03, PGP17, RR05, SOS13, SOS11, SOS15, Tak19, AGS⁺19,
CTSSO19, CTO22, CTC22, FCAG19, GJP23, Lar02, MKK⁺01, SSO19].
Excitations [FLV99, Kuk14, CCM⁺19, SCE19]. **Excited**
[AB73, Hät05, HBKS03, KM98, LKD05, MT04, Nag97, Nag01, Oli90, PB99,
RM04, Sme99, WN05, Dur20, MK23, Nag03, OB23, PS21, SZP21].
Excited-State [AB73, WN05, Dur20]. **exciton** [GJP23]. **existing** [BPK23].

[HBE$^+$98]. **Fluoride** [UMD08]. **Fluorides** [TSON00]. **Fluorine** [SPAS05].
Fluorine-Fluorine [SPAS05]. **Fock**
[BB99b, DKMP98, OE17, ÖEO23, BGW73, CBSM20, DAB$^+$23, FCH15,
GV09, GW23, Hur73, HMC73, LBV01, LEK01, LMK19, LFM89, LM92,
May80, MMM18, MK18, MMSK16, Nes67, Sme99, TMK21]. **Fock-Space**
[LEK01]. **folding** [LL20]. **Following** [AGS$^+$19]. **footing** [NBA20]. **Force**
[DSW04, Gon98, Krs16, PTLGOM12, Suc98, TTLB04, EUSB21]. **Forces**
[Kap98, LR72, MS67, Sal11, ST78]. **Forcing** [KSG08]. **Foreword**
[Ano08i, Köv97]. **Formal** [Noo09]. **Formalism**
[BMP03, CS04, Cru09c, GM91, Löw85c, MM13, OO05]. **Format**
[Ano88a, Ano89a, Löw88a]. **Formation**
[KV08, MCG$^+$08, BMR$^+$24, JMWG19]. **Forming** [ST17]. **Formulae**
[SIY$^+$19, Wyb97]. **Formulas** [ZP17]. **Formulation** [Lev90, MDÖ05, Yan90].
Formulations [MDBM98]. **formyl** [HDFT24]. **Foundation** [Brä19].
Foundations [CO17, Hal91, LK90, MG21]. **Four** [BMR$^+$24, BL18, BMM13,
GMP98, Har05, HA13, Har17, MYW00, Nor98, QSG98, RLF17, BMC97].
Four-Body [BMM13, Har05, HA13, Har17]. **Four-Electron** [BL18, RLF17].
four-membered [BMC97]. **Fourier** [AYÖ17, FCH15, Mon05, ÖÖ13]. **Fr**
[BJMB14]. **Fractionation** [Lyo08, Mar08a]. **Fragmentation**
[SCTH$^+$07, ST07]. **Fragments** [GVFR98, ZDZO11]. **Frame** [YTC$^+$05].
Framework [ATL$^+$18, CCVB94, Gut97, LJKH13, Tap17, LT21, SKGŚ23].
Franck [AHPD$^+$03, Pal04, SP99]. **Frank**
[KT15, Ano03h, Kai15, SCT15, SCT16]. **Free**
[KT15, Mat64, MFLK11, Nic10, TMN10, VKI97, vS07, GG20]. **Free-Energy**
[TMN10]. **Free-Radical-Induced** [vS07]. **Freedom** [Nal06]. **Freeon**
[Mat96]. **Frequencies** [BLKS78]. **Frequency** [MCP12, ML18]. **Friction**
[TTLB04, BMR$^+$24]. **Friend** [Lin99, OB22a, Öhr05]. **Froissart** [DeB09].
Front [Ano19j]. **frontier** [PEMC23]. **frustrated** [SPG$^+$22]. **Full**
[BE01, HS86, SED$^+$98]. **Fullerene** [CKC09, KOT$^+$00]. **Fullerene-like**
[CKC09]. **Fullerenes** [CPBS05, Dol09, HDB03, Kat03, ZDZO11]. **Fully**
[Bun23, CTG98, HA13]. **Function**
[BMP03, DDPC95, FP06, KD11, MTS04, EW03]. **Functional**
[ARS17, Bro98a, Bro98b, BŚG17, Cio90, Cru09c, DR90, EG99, EEL96, Fuk15,
GW17, GDL98, GBHM14, Gon98, GL90, GK90, Har90, HBT$^+$00, HL90, IL98,
JGCRC16, KMHL13, KB98, LBV01, LRCR98, Len68, Lev90, LS03, LK90,
LLBK$^+$98, MRS$^+$99, Mez96, MNR$^+$98, Nag97, Nal03, Nes03, Noo09, Oli90,
Oni12, Per98a, Per90, PGP17, PL98, RTV05, Rou20, SRZE04, SS90, VKI97,
VRG90, WT99, Yan90, YZDM01, vL03, GTB23, LSZT90, LSZ$^+$98a,
MGAUP23, Min22, MPU19, MOB$^+$03, Zap01]. **Functionals**
[AdMB99, GP91, KB98, LDNP99, Löw96b, MRHdCK15, Nal00, vL03].
Functioning [KN01]. **Functions**
[AFE13, BL18, BS05a, Bis67, BR65, BC00, BC09, CDBG00, CD05, CTG98,
Dah01, Dau64, DGA18, FU00, GAM$^+$13, GM17, Gil94, Har17, Har18,
HPB17, KO18, Kla81, KNN17, LV90, Lev14, McG04, MS65, MFA21, Nes03,

PS05a, PS05b, RMMP17, Ryc98, SJO05, SW98, SPH14, SNIM08, ZP17,
ALA21, ALA23, LPC24, Per20, SA23b, TM21, VT24, VG22, Wen21].
Fundamental [DE05, GM05, Moh98, QSW20, SBF⁺08]. **Fundamentals**
[GM17, MNR⁺98, Spe78]. **Further** [AFE13, TAM04, MG21]. **Future**
[HKS90, OW08].

GaAs [Ito03]. **Gallium** [KSY08]. **Gap** [Cal85, IFAY08, SS90]. **Gaps** [Kri03].
Gas [BG73, HSR98, Jan65, MRS⁺99, NA04, RAR⁺08, HM19]. **Gas-Phase**
[HSR98, MRS⁺99, RAR⁺08]. **Gaseous** [ASGG08]. **Gauge** [Woo98].
Gaussian [ALA21, BL18, DR90, Gil94, GW01, HO16, HPB17, KGW98,
MW98, PTC⁺13, QGW01, SW98, SA23b, WM97]. **Gaussian-Type**
[DR90, SW98, ALA21]. **Geminal** [Wei04]. **Genealogical** [Sal74]. **General**
[Brä08, CMDN89, Kry03, KNN17, LM92, LH20, Löw88b]. **Generalizations**
[OPPZ06]. **Generalized**
[AAG03, AAAC04, AA05, BLKS78, CTSOS99, FP06, GAM⁺13, GJP23,
HW01, I'H64, Mic15, MFA21, SED⁺98, TA04, Tap09, Gos02b]. **Generated**
[PTBH13, Sal74]. **Generation** [AAM04]. **Generator** [TAM04, DAB⁺23].
Genetics [Löw65c]. **Gentleman** [SO19b]. **GeO** [GP14]. **Geometric**
[Nal06, PB14]. **Geometrical** [HJ88, LDB95, SIY⁺19]. **Geometry** [BHM17].
GeV [HHU⁺21]. **Giuseppe** [LSZ⁺99a]. **Giving** [PTBH13]. **Glance** [KG12].
Glasses [KE97, KE00]. **Glassy** [MKK⁺00]. **Glycine** [SOS11]. **Gold**
[BHV⁺00, RK04, MOB⁺03]. **Goldstone** [FMA08]. **Good** [Cra99, QSG98].
Goscinski [Ano04i, SBK04]. **Got** [SS17]. **GPCR** [ST17]. **Gradient**
[FPL97, KS90, Laz04, LRCR98, PEZB98, SED⁺98, YZDM01].
Gradient-Corrected [LRCR98]. **Gradients** [GC92, WN05]. **Grain**
[Sak03b, OTA03]. **Grand** [CDK15]. **Graph** [Gut06, JH99, LC03, Yan81].
Graphical [LHL18]. **Graphite** [UMD08, KOT⁺00]. **graphitic** [Mur03].
graphitic-structured [Mur03]. **Green** [BMP03, BC00, KD11, McG04].
Green's [DDPC95]. **Green's-Function** [DDPC95]. **Ground** [CMVPFC16,
KM98, KT15, LPDB03, MS03, MW98, RM04, RT18, Bel19, Hog21, MK23].
Ground-State [KT15, Hog21]. **Group**
[Col68, DSR81, LHL18, LB92, Mat78, RPSB00, Sme92]. **Groups**
[DSW04, Gal73, KCM70, Mez96, Ray95, Ser74]. **GSI** [Ano08j]. **GTOs**
[ALA23]. **Guesses** [Wyb97]. **Guide** [Öhr16, ZLC⁺10]. **GW** [Mon05].

H [AGS⁺19, BRW08, CSZ99, DLMS03, HOI⁺08, Miy03, NeMM03, YKS⁺12,
CLK15, Hog18e, Hog21, LK14, MBAPS19, Sau05b, SH19, SSS05, SS04,
SEL01, YIYM03]. **H-Bonding** [LK14]. **Hadron** [Pau13].
Hadrontherapy [Fra13]. **Hafnium** [KsKsN08]. **Haldane** [IFAY08]. **Half**
[BB99a, Sme99]. **Halide** [Tak19]. **Halides** [Jan65, LF09]. **Halo** [DY08].
halogen [GC01]. **Halogens** [ASGG08]. **Ham** [Ano03h]. **Hamiltonian**
[CHSC03, FTG22, LEK01, Löw85c, Löw88b, LFM89, Mic74, Öhr16, YZDM01].
Harmonic [AAM04, KMR01, LKD05, VTM98]. **harmonically** [WD22].
Harmonics [AYÖ17, AA01, AA15, CCA13, MFLK15, SR73]. **Harris**

Sab07, SS99, AA19, Bel19, CAG$^+$21, FB20, SB07, SHBC19, SKS$^+$19, WLM23].
Interactions [BP82, Bor03, CT82, DSW04, GP14, GM05, Jan65, Jeh65,
KSG08, KH03, PP68, Rei73, Sau05a, FSP23]. **Interatomic** [Gon98].
Interelectron [AA18]. **Interest** [EBR92, MLR$^+$98]. **interesting** [SBA$^+$03].
interface [SYIY03]. **interfaces** [Per20]. **Interferences** [SS04].
Intermediate [LEK01, Bel22]. **Intermediates** [GAI08]. **Intermolecular**
[MCG$^+$08, MS67, Sal11, ST78]. **International** [Moh08].
internationalization [Kar02]. **Interparticle** [BFHS23]. **Interpenetrating**
[Sil14]. **Interplay** [LDP$^+$04, MCC03, Nal06, Sig05]. **Interpretation**
[Brä04, Kar08, KP77, ST78, Ort22, NBS12]. **interpretations** [LT21].
Interpreting [Köv03]. **Intersection** [Pet98]. **Interstellar** [CG80].
interstitial [GWW19]. **Intra** [Chi03, PWZ$^+$08]. **Intra-Hydrate** [PWZ$^+$08].
Intra-Site [Chi03]. **Intramolecular** [LK14, MCG$^+$08]. **Intrinsic** [ITI$^+$00].
Introduced [KB98]. **Introducing** [Yas17]. **Introduction**
[Ano19n, Ano19o, Ano19p, Sme92, TAU17, Tri90]. **Introductory** [Die97].
Invariance [Woo98]. **Invariances** [Kar08]. **Inversion** [GDL14, MMM18].
investigate [Hog21]. **Investigating** [KV08]. **Investigation**
[Fuk08b, LK14, ST17, ZZ08, KÖO23]. **invoke** [Hes22]. **Involving**
[Byl98, DSW04, HPB17, IL98, ALA21, ALA23, MKK$^+$01]. **Iodine** [Mar08b].
Ion [Bel09, BMM13, FRM70, FAS$^+$98, HBE$^+$98, JJ20, Jan65, KMHL13,
LJ17, Mam19, MF04, MM13, Pau13, SS04, ST07, YKC$^+$08, Bel21, Bel22,
CBSM20, MG22, SM23, VG22]. **Ion-Atom** [Bel09, BMM13, FAS$^+$98, Bel22].
Ion-Matter [MM13]. **Ion-Metal** [MF04]. **Ion-Solid** [FAS$^+$98]. **Ionic**
[GL90, HPU$^+$17, MLR$^+$98, Sch94, FTG22]. **ionicity** [BFHS23]. **Ionization**
[Bel09, BMM13, BRL13, CHR13, DC99, GS04b, GPEB21, HUS$^+$11, HPU$^+$17,
HMH$^+$18, MCM14, UYT97, VTM98, MG22, MU03, SM22, BG73].
ionizations [CCM$^+$19]. **ionized** [MK23]. **Ionizing** [BGG$^+$07, Fra13]. **IONO**
[Mar08b]. **Ions** [Ano08h, Ano08j, ABGM03, AL04, Bic13, BKB$^+$19, CHR13,
CLK15, DGKCT15, DTC04, GP04, Khe19, LT98, MKH$^+$97, MA04, NM03,
PGJ07, RGFC13, SBCT04a, SBCT04b, SOS15, SW98, SGK$^+$08, VI01,
WMM$^+$98, CTC22]. **IR** [CÅ01, Jan97]. **Iron** [Kot68, MKH$^+$97]. **Irregular**
[AYÖ17, SR73]. **Isaac** [Ano03a]. **ISM** [JMWG19]. **Isoelectronic**
[Jør78, VI01, VT24]. **Isolobal** [YMI$^+$21]. **Isomer** [FCC04]. **Isomerism**
[Sla81]. **Isomers** [PM16]. **isospin** [YMI$^+$21]. **Isotope**
[DY08, JGNJ08, Lyo08, Mar08a]. **Isotopes** [Per98b]. **Isotopic** [BB14].
Isovalent [MVL01]. **Iterative** [BS05a, GDL14, SGB16]. **IV** [VT24].

J [BB21, CPBS05, DE05]. **J-coupled** [BB21]. **Jack** [OB22a]. **Jacobi**
[CMDN89, CAP19]. **Jahn**
[ABGM03, ADA03, BP82, BO86, Ber03, Chi03, CKRT03, DST$^+$03, FIK$^+$03,
GWM$^+$03, HBKS03, KH03, KBS03, LPDB03, LC03, LM03, MS03, MCC03,
NeMM03, OM03, Pol03, SKT$^+$03, SS03, SIY$^+$19, SCN03, YAJHR03]. **Jan**
[Öhr05, SBLJ05]. **Jean** [Ano19b]. **Jens** [OS05, SO05b]. **Jones** [Hal91].
Jordan [Brä04]. **Jørgensen** [Odd05, SBLJ05]. **Journey** [CCC17, Cra99].

Local-Scaling [LLBK⁺98]. **Localizability** [ACDK72]. **Localization**
[GM17, PLA01]. **Localized** [CE78, KT98, KTC01, Nal09, MG21]. **Locally**
[SPAS05]. **Loge** [ACDK72]. **Logical** [Brä12]. **lone** [AR03]. **Long**
[DB13, JGCRC16, Lyo08, SM22, TMMS10]. **Long-Lived** [Lyo08, SM22].
Long-Range [DB13, JGCRC16]. **Loss**
[AJ04, AL04, Bel09, Bic13, GS04b, Kho04, Tők19]. **Loss-Excitation** [Bel09].
Loss-Ionization [Bel09]. **Lost** [Heh18]. **Low**
[DLMS03, DST⁺03, Jos08, KM98, LP97, LKD05, MF04, MMSK16, Nes75,
RPSB00, SPD09, Sim07, SSS05, TM13, Bel19, Kar24]. **Low-dimensional**
[SPD09]. **Low-Energy** [Sim07, SSS05]. **Low-Lying**
[KM98, LKD05, MMSK16, TM13, RPSB00, Bel19]. **Low-Spin** [LP97].
Low-Temperature [DLMS03]. **Löwdin**
[Bun17, Heh18, Kar02, LÖS02, LÖBS17, SB02, SB17a, SPH14]. **Löwdin's**
[SS17]. **Lower** [BB14, Wei72]. **lowering** [TSTH03]. **Lowest** [GV09]. **Lunell**
[Miy03]. **Lying** [KM98, LKD05, MMSK16, TM13, Bel19, RPSB00].

M&S [TR14]. **machine** [Dra20]. **Macrocyclic** [YFK⁺97, ZDZO11]. **Made**
[Col68]. **Madelung** [KSY08]. **Magic** [KMR01]. **Magnesium** [MYM08].
Magnesium-Zinc [MYM08]. **Magnetic**
[Bel06, BB11, CE72, DST⁺03, DeB09, GWM⁺03, IS01, JH99, JcH18, Laz04,
Ram08, VRG90, Vis05, BB22a, TMM03]. **Main** [Dau64]. **make** [KHPP23].
Making [MKH⁺97]. **Maleonitrile** [RGA99]. **Manganese** [NeMM03].
Manifestations [SBC⁺03]. **Manipulation** [MCP12, WMM⁺98]. **Many**
[AO03, AA01, Ave98, BŚG14, CB92, Cru09c, DDPC95, DSR81, HG17, HW01,
HMW01, IOA03, Khe19, KT98, KB86, Löw88b, LFM89, MC10, Mat78, Mic15,
Mic17, MK18, Nic17, NM03, PKYM01, RP72, Sal74, SW98, WDD16, vL03,
LSZT90, Mic02, Mic22]. **Many-Atom** [HG17, Mic15, Mic17, Mic02, Mic22].
Many-Body [AA01, BŚG14, DDPC95, HW01, HMW01, Khe19, KT98,
KB86, MC10, Mat78, MK18, SW98, WDD16, vL03]. **Many-Electron**
[Ave98, DSR81, Nic17, PKYM01, RP72, Sal74, AO03, Cru09c, IOA03].
many-fermion [LSZT90]. **Many-Particle** [Löw88b, LFM89]. **Maruani**
[Ano19b]. **Mass** [KS88, Lyo08, Mar08a, MRS⁺99]. **Mass-Independent**
[Lyo08, Mar08a]. **Masses** [SBF⁺08]. **Master** [Kai15]. **match** [SÁ23a].
Material [FE97, GP14]. **materialism** [PB20a]. **Materials**
[Ber14, DLMS03, Kuk14, MF14, Oni12, Oni15, SNIM08, TR14, AO03,
LSZ⁺00, SBA⁺03, Sab14a]. **Mathematical**
[CD05, EBR92, Gut06, Sut01, SCT15, SCT16]. **Matrices**
[BMP03, BK70, Dah01, Har90, Kry81, RP72]. **Matrix**
[LK90, McW98, Mic99, PKYM01, RPSB00, RP72, Öhr02]. **Matter**
[Ano19j, Ber03, DTC04, Gre08, MM13, SBCT04a, SBCT04b, AA19].
MCSTEP [Yea05]. **Mean**
[CTC22, HG17, SOS13, SOS11, SOS15, CTSSO19, CTO22, SSO19].
Mean-Field [HG17]. **meaningful** [SKGŚ23]. **Means** [ST78]. **Measured**
[BS98, NHYU03]. **Measurements**

[BLKS78, KNM⁺08, MRS⁺99, MYW00, Tap11]. **Mechanical**
[And80, AA01, Bel09, BB17, CC97, HPRR10, KZR86, Pul77, Wei72, vS07,
BMR⁺24, NBA20]. **Mechanics** [Brä08, CCM05, CL05, Deu99, MDÖ05,
Öhr17, PD10, Sch94, Sig05, Spe78, TL10, CCT02, LT21, MG21, SBC10].
mechanics/extremely [MG21]. **Mechanism** [Ber03, Oni15, TBM01].
Mechanisms [ASGG08, FHHZ88, YAJHR03]. **Mechanistic**
[BB13, BB15, Mar08a]. **Media** [AGMdV⁺13, JJD05, Kar97]. **Mediated**
[MBM99]. **medical** [BB21]. **membered** [BMC97]. **Memory**
[SS17, JJ20, MG20]. **Mercury** [ASGG08]. **MEST** [Hog13g, Hog14]. **Metal**
[Ada97a, ARS99, BU97, EGCL91, GP14, Kap98, KMR01, MF04, RR05, SS98,
SNM⁺97, SNIM08, SCN03, TLOK97, Tak19, TTLB04, FB20, FCAG19,
FTG22, Hog23c, KBH23, MGAUP23, PBOL02, STO⁺00, SYIY03].
Metal-Cluster [KMR01]. **metal-film** [KBH23]. **Metallic**
[Bro98a, Bro98b, Saa01, AMAA22]. **Metalloporphyrins** [DRV82]. **Metals**
[Ber74, FHHE82, MA04, SED⁺98, STO⁺00]. **Metastability** [PB14].
Metastable [CKRT03]. **Methane** [RZTSW23, Hog23c, HDFT24].
Methanol [FCC04]. **Method**
[Ada97b, Ada00, Ave98, CTCS05, CL00, CB18, DKMP98, EG99, FSB⁺97,
FCH15, Fuk15, GW17, GEO91, GVFR98, Glu19, GDL14, I'H64, IFAY08,
KE97, LEK01, Löw88b, LFM89, Löw92a, LM92, MW08, May80, MMM18,
MM96, Mon05, MKK⁺00, Mur08, MKB04, MMSK16, Nak00, NFW⁺98,
OW08, OE17, PB99, RPSB00, RP18, SGB16, SS99, SNMI00, Sla64, SGM⁺13,
TMN10, TAM04, WD70, WmG18, Yea05, BH24, DAB⁺23, GPEB21, Hog23c,
HDFT24, KBH23, LMK19, MKK⁺01, ÖEO23, TMK21]. **Methodologies**
[BRL13]. **Methodology** [GDL98, ZLC⁺10, CCT02]. **Methods**
[AdMB99, AČP88, AH19b, And80, ACDK72, Bel09, Byl98, Dau64, FP06,
GC92, HPU⁺17, Har04, Hät05, HZ89, HG17, HM21, HMW01, JG08, LGJP99,
LJKH13, LB92, Löw85c, ML18, Mic74, Mic17, MP89, Nic10, ÖÖ13, PS05a,
RR05, STZY18, San98, Sau05b, SBK15, TAU17, TL10, WN05, WDD16,
Bar23, CCM⁺19, EÜSB21, Hog14, JMWG19, LH20, Min22, SBGJ08, SBC10].
Methylamine [SSV98]. **Metrology** [PR98]. **MeV** [AGO07, WHB⁺24]. **Mg**
[FU00, NHYU03]. **Mg-** [NHYU03]. **MgB** [SCE19]. **mGluR5** [ST17]. **MgO**
[OTA97]. **MI** [GVFR98]. **Michael** [Sab00]. **Microscopic**
[Chi03, MTS04, Brä02]. **Minimum** [Kou15]. **Mixed**
[MLR⁺98, Mon05, PSAP10, SIY⁺19]. **Mixed-Quantum** [PSAP10].
Mixed-Quantum/Classical [PSAP10]. **Mixed-Valence** [SIY⁺19]. **Mixing**
[AR03, SH95]. **mixture** [LCC22]. **MM**
[BBB10, MC10, SBC10, SIY⁺15, TL10, ZLC⁺10]. **Mn** [NeMM03, YNNU03].
MnO [GWM⁺03]. **MO** [Yas17, CDP82, Del74, YNNU03, RZTSW23]. **Mo-**
[RZTSW23]. **Mobile** [KTMA08]. **mobility** [ZLL⁺20]. **Model**
[ABC⁺98, BMPV99, BGW73, BB13, BE04, BG73, BWH08, BC09, Cam12,
Dru78, DB01, Gre73, GM05, GVFG09, HS86, HSR98, JGCRC16, Jos08,
Kap98, Kri03, KMR01, LS07, MS03, PJH05, Sme99, VG22, DAB⁺23, NA19].
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multi-CPU [LH20]. **Multi-electron** [SPD09]. **Multi-Hydrates** [PWZ⁺08].
Multi-Photon [CLÅ05]. **Multi-reference** [MDBM98]. **Multicenter**
[ALA21, HPB17]. **Multichannel** [Shi12]. **Multicharged** [BKB⁺19, Khe19].
Multiconfiguration [PGP17, WD70]. **Multiconfigurational**
[LJKH13, STZY18, Yea05]. **Multidimensional** [Pol03]. **Multielectron**
[KGI⁺19, OW08]. **Multiphonon** [HK03]. **Multiphoton** [Glu19, VTM98].
Multiple [Nal09, SBDD03, ST07]. **Multiplet** [IOI⁺00, ITI⁺00, OYI⁺00].
Multiply [AK12, CHR13]. **Multipole** [BO86, Woo98, YÖ13].
Multireference [BB99b, EM17, HMW01, LGJP99, LF09, MH98, MSM17,
VI01, JMWG19, LH20]. **Multireference-Coupled** [MSM17].
Multireference-Fock [BB99b]. **Multiresolution** [DGKCT15, Bis19].
Multiscale [TR14]. **Muonium** [Hug98]. **Mutations** [Löw65c]. **myelinated**
[JJ20].

N [JMWG19, BMC97, HSR98, Mur03, TBM01]. **N'-Tetramethyldiamide**
[HSR98]. **NaEuCl** [APNM03]. **NaH** [LMK19]. **NaK** [MSM17]. **nano**
[SBA⁺03]. **Nanoclusters** [ARS17]. **Nanodosimetry** [Bic04]. **Nanometer**
[Ros98]. **Nanoparticles** [GP14, OBHM17, AMAA22]. **Nanoplasmas** [LJ17].
Nanostructures [DO09, AGS⁺19]. **Nanotubes**
[AAM04, LYM03, MOB⁺03]. **nanotubes-gold** [MOB⁺03]. **NaSmCl**
[APNM03]. **native** [YMI⁺21]. **Natural**
[AT91, AAG03, AAAC04, BK70, Dav72, MGAUP23, MPU19]. **Nature**
[Brä04, Sjö04, YM97]. **Near**
[KsKsN08, MYW00, MYM08, NHYU03, YFK⁺97]. **Near-Edge** [KsKsN08].
Nearly [Lin17a]. **Necessary** [Brä04]. **Negative** [Kom05, SW98]. **Neon**
[Sab97]. **Network** [PWZ⁺08]. **Networks** [SIY⁺15]. **neural**
[MG20, Per20, Rou20]. **Neutral** [DNM⁺14]. **Neutrino** [KS88]. **neutron**
[Kar24]. **Newton** [GDL14, HZ89]. **Next** [SO05a]. **NH** [Sau05b, YTC⁺05].
Ni [SMAS08, Hog23c, HDFT24, KKA97, WHB⁺24, YKY⁺00]. **Nitrate**
[HBT⁺00]. **Nitrates** [HTS⁺00]. **Nitric** [BWH08]. **Nitrides** [TLOK97].
Nitroaniline [CCCC15]. **Nitrogen** [RNL14, VI01]. **Nitrones** [RGA99].
Nitroprusside [CKRT03]. **NMR**
[BB17, BB21, BB22a, CPBS05, PB05, SPAS05]. **NO** [SP99]. **NOCV**
[ŻMM23]. **Noise** [DeB09]. **Non** [AHPD⁺03, AL04, AR03, BVHK03, BS05a,
Bis94, KNN17, NBA20, PS05b, Sau05a, Sim99, Sme92, BMR⁺24, SA23b].
Non-Adiabatic [BVHK03, Sim99, BMR⁺24]. **Non-Born** [NBA20, SA23b].
Non-Condon [AHPD⁺03]. **Non-Coulombic** [KNN17]. **Non-degenerate**
[AR03]. **Non-Iterative** [BS05a]. **Non-Linear** [AL04, Bis94, PS05b].
Non-relativistic [Sau05a]. **Non-Rigid** [Sme92]. **Nonadditive** [Kap98].
Nonadditivity [MS67]. **Nonadiabatic** [Kry03, Nik70, SP99].
Noncanonical [LB92]. **Noncovalent** [DSW04]. **Nonempirical** [PB75].
Nonequilibrium [KD11, NTT20]. **noninteger** [GJP23]. **nonintegral**
[Wen21]. **Nonlinear**
[IBB⁺19, LHL18, MFCT15, MA04, OO82, PGN04, RAR15, BLC23, LCC22].

PTC⁺13, PTBH13, RP72, Ste73, Yan81, CAP19, KÖO23, LSC19, Rui23].
Order [AAM04, BS05a, BB99b, DB13, Hät05, IL98, KB86, KNN17, LDB95,
MW98, RR05, SW98, SPH14, VTM98, AHPD⁺03, Bar23, GJP23, MCC03,
VdLCPT98]. **Ordered** [DLMS03]. **Ordering** [CCVB94, GWM⁺03]. **orders**
[Wen21]. **Organic** [BMPV99, Dau70, GAI08, Sey12, GTB23, YMI⁺21].
Orientational [CTSDÖ05]. **Origin** [CKRT03, FRM70, OM03, RGA99].
Ortho [DNM⁺14]. **Ortho-Anisidine** [DNM⁺14]. **Orthogonal**
[DGA18, CAP19]. **Orthogonality** [IM80]. **Orthogonalization** [Sri01].
Orthogonalizations [SS17]. **Orthonormal** [CCA13, RP72]. **oscillating**
[ALA23]. **Oscillation** [BS72]. **oscillations** [JJ20]. **Oscillator**
[BLKS78, CTSOS99, CTSO04, Khe19, KMR01, OOSS17, CTSSO19].
Oscillator-Strength [OOSS17]. **Osvaldo** [Ano04i, SBK04]. **Other**
[ASGG08, BGG⁺07, ERC88, Löw92a, Ram08, SBA⁺03]. **Overlap**
[FH65, ÖÖ13]. **Overview** [vS07]. **Oxidation** [SIY⁺15, ZZ08, YMI⁺21].
Oxidation-Theoretical [SIY⁺15]. **Oxide**
[GP14, SNIM08, YKC⁺08, CCL03, Fuk03, Sak03b]. **Oxides**
[EGCL91, KIT⁺08, PBOL02]. **Oxonium** [LM97]. **oxy** [RZTSW23, YMI⁺21].
oxy-radicals [YMI⁺21]. **Oxyanions** [Cse97]. **Oxygen**
[Mar08a, MKH⁺97, NM00, SIY⁺15, SIY⁺19, MFMCN01, Sak03a, YMI⁺21].
Oxygen-Evolving [SIY⁺15]. **Oxygenated** [GAI08]. **oxygenation**
[YMI⁺21]. **Oxynitride** [KsKsN08].

P [CSZ99, Bel19, OM03]. **Packages** [LBH⁺17]. **Packets** [SAL10]. **Padé**
[Bel06, BB13, DeB09]. **Page**
[Ano09d, Ano12h, Ano14e, Ano15g, Ano15h, Ano16d, Ano17j, Ano17k, Ano17l,
Ano18d, Ano19q, Ano19r, Ano20g, Ano20h, Ano21g, Ano21h, Ano22h, Ano22i,
Ano23g, Ano23h, Ano24d, Hog18f, SB13e, Ano64c, Ano65c, Ano67d, Ano68d,
Ano70d, Ano72d, Ano73d, Ano74b, Ano75b, Ano77c, Ano78b, Ano80c, Ano81e,
Ano81f, Ano82f, Ano82g, Ano85d, Ano86a, Ano88c, Ano89c, Ano90b, Ano91b,
Ano92c, Ano92d, Ano94c, Ano95b, Ano96b, Ano97d, Ano97e, Ano98j, Ano98k,
Ano98l, Ano99f, Ano99g, Ano99h, Ano08e, Ano08f, Ano09e, Ano09f, Ano12d].
Pair [MS65, TM13]. **Pair-Correlated** [MS65]. **Pairs**
[AR03, AA03, KN01, AP03]. **Panexperiential** [PB20a]. **Paper** [Hal91].
Paradigms [MDBM98]. **Paradox** [McW99]. **Parallel** [HS19, PM16, LH20].
Parallelization [TR98]. **Paramagnetic** [Kot68]. **Parameter** [Apo01].
Parameterization [AR03]. **Parameters** [GM05]. **Parametric** [Bel11].
Parametrization [ACDV01]. **parity** [QSW20]. **Parrinello** [PWZ⁺08]. **Part**
[SBCT04a, SBCT04b, SBC09b, SBC09a, LSZ⁺98b, LSZ⁺98c, NBS10,
SBM⁺01a, SBM⁺01b, Löw88b, LFM89, NBS12, SCT16]. **Partial**
[PSS98, SGB16]. **Partial-Wave** [PSS98]. **Participants**
[Ano97a, Ano98t, Ano98u, Ano01m, Ano01n]. **Particle**
[BGW73, BG73, BC00, CB18, GW18, GSTvE98, Gre73, GM05, IKN⁺08,
KV08, Löw88b, LFM89, SS03, Sig05, Uda00, FB20, GJP23, SA23b]. **Particles**
[AJ04, BRL13, Fra13, PGN04, RDNFH98, TTLB04, AGS⁺19, BKL21, Tők19].

Partition [Nak00]. **Partitioning** [Lar02, Löw98, Mic17]. **Parts** [ÖÖ13].
Passage [ML18]. **Passivation** [ARS17]. **Path**
[BŚG17, GM91, LPDB03, Nag01]. **paths** [BSL⁺19]. **Pathway** [HS19]. **Pauli**
[LASV18, SO19c]. **Pb** [KIT⁺08, HHU⁺21, LvWH⁺01, MLR⁺98]. **PbO**
[RM04]. **PCM** [Cam12]. **Pd** [CMVPFC16]. **PEDICI** [TR98]. **Peierls**
[BE04]. **Pendulum** [PS05b]. **Per-Olov**
[Bun17, Heh18, Kar02, LÖS02, LÖBS17, SB02]. **Perchlorate** [Lin05].
Perform [PTC⁺13]. **Performance** [PM14, CCM⁺19]. **Periodic**
[ABB90, FCH15, Gon98, LBV01, Mon05, Ros98]. **Perovskite**
[GWM⁺03, KIT⁺08, SKT⁺08]. **Perovskite-Type** [SKT⁺08]. **Perspectives**
[Bel11, CL05, Del74, Nal03, OPPZ06, PTLGOM12, SBG⁺98, Brä03,
SBM⁺01a, SBM⁺01b]. **Perturbation**
[Bra77, FMA08, GC92, Gon98, GS04a, GS04b, HBE64, HW01, Khe19, KMJ97,
KB86, Lau09, LP97, Lin17c, PČ75, RR05, SW98, VI01, KHPP23, LH20, OB23].
Perturbative [BE01, BB99b, Bar23]. **PESA** [NHYU03]. **PET** [BWVD⁺13].
Pharmacology [Pul77]. **Phase** [Dah01, DLMS03, GSWW10, HSR98,
MRS⁺99, MCC03, RAR⁺08, TMN10, TMM03, TSTH03, Yam03, YIYM03].
Phase-Space [Dah01]. **Phases** [DA14]. **Phenomena**
[ÅVM96, Löw67c, Sri01]. **Phenomenological** [Kar08]. **Phenyloxirane**
[JJD05]. **Phonon** [HBKS03, MS03, SHBC19]. **Phonon-assisted** [MS03].
Phosphorus [OM03]. **Photobiological** [GBPSR10]. **Photochemical**
[Dau70]. **Photodetachment** [HHK⁺98]. **Photodissociation** [JGNJ08].
Photodissociations [LF09]. **Photodynamic** [MM99].
photoelectrochemical [PBOL02]. **Photoelectron**
[Ada97b, BB99b, Jør74, Jør78, Köv08]. **Photoexcited** [Mic15].
Photoionization [Dol09, GCAGM17, MTA00]. **Photolysis**
[KLG⁺08, Lyo08, BTB⁺20]. **Photon** [CLÅ05, SAL10]. **Photonic** [Tap17].
Photophysics [FLV99]. **photosynthesis** [YMI⁺21]. **Photosystem**
[SIY⁺15, SIY⁺19]. **Physical**
[BS04, Brä12, GM05, LB92, Rei73, SSCL97, BFHS23, PB20a]. **Physically**
[SKGŚ23]. **Physicochemical** [TY85]. **Physics**
[BVHK03, Bel11, BR20, Cal13, CT82, Dru78, EBR92, Jan65, Nor98, PD10,
PR98, SBF⁺08, SBK15, Sut97, Sut98, Brä03, HPL98, LSZ⁺98b, LSZ⁺98c,
SBM⁺01a, SBM⁺01b, SBC⁺03, SBSL08, SCT15, SCT16]. **Physisorption**
[SH19]. **Pi** [BS72, Lyk64]. **Pi-Electron** [BS72, Lyk64]. **Picture**
[GSTvE98, Ort99, ŽMM23]. **Pictures** [Sim99]. **Pionic** [DKV⁺19]. **planar**
[YFK⁺97]. **Plane** [SED⁺98, Sla64]. **Plane-Wave** [Mon05]. **Plasma**
[SCM09]. **Plasmas** [BKB⁺19]. **Plasmon** [AGS⁺19, JJ20, VG22]. **Plasmonic**
[ARS17]. **plasticity** [Sak03b]. **Platinum** [HB14, Hog21]. **platinum-doped**
[Hog21]. **Plesset** [GS04a, GC92, OB23, VI01]. **Podolsky** [McW99]. **Point**
[CCC17, ST17]. **Poisson** [BS05a]. **Polarizabilities**
[AB73, AAAC04, BO86, CMFA99, PM16]. **Polarizability**
[CCM05, Kom05, PS05a, RM04, PS21]. **Polarizable**
[ABC⁺98, Cam12, JGCRC16, LJKH13, OK11]. **Polarization**

[AA01, CTCS05, Del74, GAM⁺13, Har04, Har05, Kar08, Ler85, LB92, Löw65c, OO82, Sut01, YTF78, Gos02b, SSK03]. **Procedure** [CMDN89, PSS98]. **Proceedings** [Hog13g, Hog14]. **Process** [UYT97, AO03, SKS⁺19]. **Processes** [ALND10, BGG⁺07, Brä04, CTSDÖ04a, GBPSR10, HL97, LA12, MCG⁺08, MF04, MM13, MHWvdA97, MA04, Öhr15, OO82, PSAP10, RNL14, Tap01, Tap09, BLC23, Dur20, LSZ⁺99a, LSZB00, MMM19]. **Processing** [BB11, BB17]. **Produced** [LS07]. **Product** [PTBH13, LPC24]. **production** [Hog21, HDFT24, KBH23]. **products** [SCJ⁺23]. **Professor** [SBK04]. **Profiles** [KS77, OE17, ÖEO23, VG22]. **Program** [KTC01, Lad73, TR98]. **Progress** [ADRAB16, Ort22, SBC10]. **Projected** [May80, Sme99]. **projectile** [CTO22]. **Projection** [HMC73]. **Projections** [CL05]. **prolate** [MFA21]. **Propagating** [LSZ⁺99b]. **Propagation** [SGB16]. **Propagator** [CTCS05, CO17, GEO91, Lon99, Löw85c, MM96, Odd78, ÖB81, Yea05, ZDZO11, Lin02, Öhr02, Ort22]. **propensity** [Hes22]. **Properties** [ABB90, BMPV99, BU97, BJMB14, BK70, CTS04, CCCC15, CMVPFC16, DO09, DA14, DST⁺03, FE97, Fuk00, GVFG09, Hal64, JJD05, KsKsN08, Kla81, Kot68, KKGG98, Kry81, Kry03, KO19, LDB95, LHL18, Lon99, Löw96b, OK11, OBHM17, PV09, Rei73, RM04, She15, TY85, UK05, VWP⁺98, Wei72, Bis19, RSP21, SBLJ05, TM21]. **Property** [FPL97, MWL⁺05, Nic11, Nic17, SB99, SYIY03]. **Property-Specific** [Nic11, Nic17]. **Prospects** [WM97]. **Protein** [GBPSR10, FB20, GG20, LL20]. **Proteins** [Kot68]. **Proton** [BWVD⁺13, Coo18, CS04, DBC⁺99, HSS⁺04, McG04, MBM99, Oni15, PBK04, SIY⁺15]. **Proton-Conductors** [Oni15]. **Protonated** [KKK⁺97]. **Protonation** [PWZ⁺08]. **Protons** [AGMdV⁺13, BRL13, CTSDÖ05, AA19, Kar24]. **Pseudo** [CKRT03, DST⁺03, GW17, KBS03, TSTH03]. **pseudo-binary** [TSTH03]. **Pseudo-Jahn** [CKRT03, DST⁺03, KBS03]. **Pseudopotentials** [Gut97]. **PSII** [YKS⁺12]. **Pt** [SN08, Hog18e, KBH23, KC19, SH19, WHB⁺24]. **Pt/Al** [KBH23]. **publications** [Ano04i]. **puckering** [MFMCN01]. **Pulse** [VTM98, CM24]. **Pulsed** [BS98]. **Pulses** [MCP12, ML18]. **Pure** [Gal73, LK90, MLR⁺98]. **Pure-State** [LK90]. **Purine** [PP68]. **purpose** [LH20]. **Pyramidal** [YTC⁺05]. **Pyrimidine** [PP68].

QED [LT98]. **QM** [BBB10, MC10, SBC10, SIY⁺15, TL10, ZLC⁺10]. **QM/MM** [BBB10, SIY⁺15, MC10, TL10, ZLC⁺10]. **QSPR** [Sey12]. **Quadratic** [BB13, GC92, LPDB03]. **Quadrature** [Kou15]. **Quadrupole** [PS05a]. **qualitativeness** [PB20a]. **Quantification** [Bel06]. **Quantisation** [PS05b]. **Quantitative** [WD70]. **Quantities** [CH03, KTC01]. **Quantum** [AČP88, AT91, And80, Ano04l, Ano13a, Ano13b, Ano19a, AA01, AGL05, BND81, Bad09, BR82, Bel09, Bel11, BSB13, BB17, BR17, BR65, Brä08, BR20, Brä21a, BB22b, Brä22, BB24a, BKB⁺19, CCM05, CL05, CD05, CCVB94, CCC17, CS77, CC97, CB18, Cra99, Dau67, Dau70, DO09, Deu99, Dra20, DKV⁺19, DW98, Fro02, GC10, GG20, GMB04, GSWW10, HPL98,

HG17, HPRR10, Hog13a, Hog13b, HB14, Hog18b, Hog18e, Hog21, Hog23a,
Hog23c, HDFT24, IBB⁺19, ILS08, Jan65, JKMB19a, Kar97, KS97b, KBH23,
Kla81, KD11, Kra99, Kuk14, KV08, KZR86, Lad73, LBH⁺17, Lar17, Len68,
Löw64a, Löw65a, Löw65c, Löw67a, Löw67c, Löw68a, Löw70a, Löw72a,
Löw73a, Löw74a, Löw75a, Löw77a, Löw78a, Löw80a, Löw81a, Löw81b,
Löw82a, Löw82b, Löw85a, Löw86a, LSZ88]. **Quantum**
[LSZ89, LSZT90, LSZ91, LSZ92a, LSZ92b, Löw92a, LSZ94, LSZ95, LSZ96,
LSZ⁺97b, LSZ⁺97a, LSZ⁺98b, LSZ⁺98c, LSZ⁺98a, LSZB99, LSZ⁺99b,
LSZ⁺99a, LSZ⁺00, LSZB00, LL20, MG21, MCG⁺08, MS03, MG20, Mat64,
McW98, Mez96, MT04, Mic17, Miy03, Moh98, Moh08, MP97, MG23a,
NAY⁺08, NFW⁺98, NBS10, Nic11, OS05, Öhr17, Oni12, Oni15, PD10,
PBOL02, PSAP10, PB20c, Pul77, Pyy78, QSG98, Ray95, Ryc98, SBM⁺01a,
SBM⁺01b, SB02, SBA⁺03, SB03, SBC⁺03, SBCT04a, SBCT04b, SBK04,
SO05b, SB05, SBLJ05, SB06, SB07, SBSL08, SBK⁺08, SBGJ08, SBC09b,
SB09a, SBC09a, SBC10, Sab11, SB11, SB12a, SB13a, Sab15, SB17a, SB18a,
SPD09, Sal11, SJO05, Sey12, Sig05, SBG⁺98, SAL10, SGK⁺08, Sut98,
TMN10, Tap09, Tap11, Tap17, TR14, TMMS10, Tos08, TL10, VTM98, Wei72].
Quantum [WMM⁺98, WDD16, vS07, BMR⁺24, BPK23, BP20, BKL21,
CCT02, EW03, HO16, Kar24, LÖS02, LT21, Mic02, MOB⁺03, NBA20,
NTT20, Per20, PMK23, SB17b, SH19]. **Quantum-Chemical**
[Kuk14, SJO05, PBOL02]. **Quantum-Classical** [MT04].
quantum-electrodynamic [PMK23]. **Quantum-Informed** [TR14].
Quantum-Mechanical [BB17, KZR86, Pul77, Wei72, vS07].
Quantum/Classical [GMB04, PSAP10, EW03]. **Quarks** [JL03]. **Quartet**
[ZBM98]. **Quasi** [GDL14, JSG⁺14, Shi12]. **Quasi-Bound** [Shi12].
Quasi-Molecule [JSG⁺14]. **Quasi-Newton** [GDL14]. **Quasidegenerate**
[BB99b]. **Quasiparticle** [HL90]. **Qubits** [Coo18]. **Quest** [PM14].
Questions [DE05].

R [HSR98, JJD05]. **R.** [AGS⁺19]. **Radial**
[ÖÖ13, PS05a, SJO05, ALA23, Lin02]. **Radiation**
[BWVD⁺13, BB13, BB15, Bic13, CL07, CT82, Glu19, LS07, PGJ07, Ram98,
Sab07, Sal11, ST07, VTM98, SB07, SS22]. **Radiation-Induced** [Sal11].
Radiationless [OO82]. **Radiative** [BS98, BKB⁺19, DKV⁺19, KSG08].
Radical [ARS99, CL07, EEL96, KBS03, LM97, Lin05, LGK⁺99, She15, vS07].
Radicals
[GAI08, LS07, MLPD⁺98, MVL01, RRMAF08, Tur07, VKI97, YMI⁺21].
Radioactive [Per98b]. **Radiobiological** [BB15]. **Radiobiology** [Fra13].
Radium [Bar23]. **Raman** [CM24, MCP12, TP03]. **Ramsey** [PB05]. **Range**
[BBB10, Dru78, DB01, DB13, JGCRC16]. **Ranges** [AGO07, Pau13]. **Rare**
[BG73, Jan65]. **rate** [SS22]. **Ratios** [MTA00]. **Ratner** [SB17b]. **Ray**
[Ada00, CS77, GM17, Kaw97, KsKsN08, KNM⁺08, MYW00, MW08,
MKK⁺00, MTA97, MTA00, Mur08, Tak19, Uda00, UMD08, YFK⁺97, Mur03,
YKS⁺12, YNNU03]. **Rayleigh** [BH24, MM99]. **Rays** [AAM04]. **Rb**

Ring [CPBS05, MFMCN01]. **Rings** [FLV99, PWZ⁺08, BMC97]. **Ritchie**
[AGS⁺19, SO19b]. **Ritz** [BH24, MM99]. **RNA** [AGO07, KN01]. **Robust**
[Kou15]. **Role** [GAI08, Kap98, LA12, LASV18, TSON00]. **Root** [MH98].
Roothaan [DKMP98, OE17, ÖEO23]. **Rosen** [McW99]. **Rotation**
[PR05, SR73, YTC⁺05]. **Rotation-Vibration** [YTC⁺05]. **Rotational**
[Les75, MWL⁺05, SJO05, Sau05b]. **Rotations** [CMDN89, MFLK11].
Rototranslational [LDB95]. **route** [Hog23c]. **Routes** [BBB10]. **rubrene**
[ZLL⁺20]. **Ruby** [ITI⁺00, OYI⁺00]. **Rufus** [SO19b]. **Rule** [CTSOS99, KP77].
Rules [CTO18, Coh04, LDB95, OOSS17, Yan81, CTSSO19]. **RuO** [NIO03].
rutile [Sak03a]. **Rydberg** [LM97, MLPD⁺98, MVL01].

S [CSZ99, Miy03, MFMCN01, VT24]. **Sabin** [OB22a]. **Salpeter** [ORL23].
salt [MST⁺03]. **saltatory** [JJ20]. **Sampling** [HS19]. **Sandwiched**
[OBHM17]. **Satellite** [Uda00]. **Scalar** [CPBS05]. **Scale** [Fra13, SIY⁺15].
Scaled [STZY18]. **Scaling** [Lev90, Löw88b, LFM89, LLBK⁺98]. **Scattered**
[HL97, Joh73]. **Scattered-Wave** [HL97, Joh73]. **Scattering**
[GSWW10, Nes75, Shi12, ST07, TP03, WHB⁺24, AMAA22, BKL21,
HHU⁺21, HM19, Kar24, SJAB⁺22]. **ScB** [KM98]. **SCC** [dLHD10]. **SCF**
[Ave98, CG80, CDP82, GVFR98, PTC⁺13]. **SCF-LCAO** [PTC⁺13].
Scheme [DKMP98, LFM89]. **Schemes** [MC10]. **Scholar** [SO19b].
Schrödinger [MKN10, BG23, Hyl64, MFCT15, SBK15, VTPR97]. **Science**
[JG08, McW01, Odd05, Tan00, AO03, LSZ⁺00, SBA⁺03, SBGJ08]. **Sciences**
[Löw92a, Ram08]. **Scientific** [Bun17, Kar02]. **Scientist**
[Lin99, OB22a, Öhr05]. **Scope** [SIY⁺19]. **Screening** [HL90, MA04]. **Search**
[Kom05, Lev90, Löw92a, Nes98, Zap01]. **Searches** [Kar08]. **Second**
[AHPD⁺03, HJ99, Hät05, IL98, LDB95, MW98, RR05, SW98].
Second-Order [Hät05, IL98, LDB95, RR05, SW98, AHPD⁺03]. **Section**
[Jos08]. **Sections**
[CTSDÖ04b, CTSDÖ04a, HMH⁺18, PBK04, RGFC13, MG22]. **Selected**
[Bun18, CHSC03, Mar08a, CAG⁺21, SM22]. **Selection** [CTSOS99, HS19].
Selective [AAM04, KKA97, LGK⁺99, MM99]. **Selectivity** [RGA99]. **Self**
[DDPC95, GDL14, HL90, LJKH13, LSC19, Per90, Sla72, WD70, YNNU03,
Ort22]. **Self-absorption** [YNNU03]. **Self-Consistent**
[GDL14, Sla72, LJKH13, LSC19]. **Self-Consistent-Field** [WD70, Ort22].
Self-Energy [DDPC95, HL90]. **Self-Interaction** [Per90]. **selforganization**
[Brä02]. **Selftrapping** [MS03]. **Semi** [HSS⁺04, LK09, Sim99].
Semi-Classical [Sim99]. **Semi-empirical** [HSS⁺04]. **Semi-infinite** [LK09].
Semiclassical [HPU⁺17]. **Semiconductor** [Kra99]. **Semiempirical**
[HPU⁺17]. **Seniority** [ATL⁺18]. **sensitive** [AMAA22]. **Sensitivity** [PM14].
sensitized [GTB23]. **Separability** [McW98]. **Separation** [DeB09, OYI⁺00].
Sequence [CÅ01, VI01, VT24]. **Sequences** [KGW98, KCM70, VT24].
Sequential [CCM05, CC97]. **Series** [Ano08l, Ano09i, Ano12h, Ano14e,
Ano15g, Ano15h, Ano16d, Ano17j, Ano17k, Ano17l, Ano18d, Ano19q, Ano19r,
Ano20g, Ano20h, Ano21g, Ano21h, Ano22h, Ano22i, Ano23g, Ano23h,

Ano24d, CB18, Hog18f, Jør78, PB75, SB13e, BG23, SÁ23a]. **Set**
[CTSOS99, QGW01, SDGW98, Tap17, VWP$^+$98, RA19, SKGŚ23, Wen21].
Sets [AT91, AH19b, GW01, Kla81, MW98, OOSS17, PTC$^+$13, QGW01,
SPAS05, SW98, VWP$^+$98, WM97, CCM$^+$19, CAP19, GW23]. **Seven**
[HDFT24, LC03]. **Shakeup** [SNMI00]. **Sham** [GV09, KB98, LK90]. **Shape**
[AMAA22, MM96]. **Shape-sensitive** [AMAA22]. **Shapes** [BWK97]. **Shell**
[Bra77, CG80, DKMP98, FMA08, GVFR98, HUS$^+$11, HL97, JSF08, KS88,
LP97, LASV18, MP89, RTV05, MU03, VG22, YMI$^+$21]. **Shielding**
[JH99, JcH18, Vis05]. **Shift** [AB73, NA19]. **Shifts** [DY08, HDB03, PGV97].
Short [DB01, SGB16]. **Showing** [Jør74]. **SI** [Moh08, CTSSO19, JS21]. **side**
[BFHS23]. **Sightseeing** [Ros98]. **Sign** [NA19]. **Signal** [BB11, BB17, DeB09].
Signal-Noise [DeB09]. **Signals** [Bel06, Bel11, BB22a]. **SiH**
[JSG$^+$14, MVL01]. **Silicate** [KE97, KE00]. **silicates** [NHM03]. **silicide**
[TSTH03]. **Silicon** [DO09, HOI$^+$08, KIHA97, EOH03]. **Similarities**
[MVL01]. **Similarity** [CCVB94, Löw88b, LFM89, SNM$^+$97, WN05]. **Simple**
[AČP88, San98]. **Simplest** [SGM$^+$13]. **Simplest-Level** [SGM$^+$13].
Simulate [JJD05]. **Simulation** [Fra13, HB14, MP97, RFG$^+$98, MFMCN01].
Simulations
[BHV$^+$00, CMJR$^+$04, GBPSR10, HS19, HBGvM19, PWZ$^+$08, TMN10]. **SiN**
[Jan97]. **Sinc** [Kou15]. **Single**
[BRL13, Bis67, EM17, GWM$^+$03, HBE$^+$98, MH98, Nag01, Tos08]. **Single-**
[EM17]. **Single-Center** [Bis67]. **Single-Root** [MH98]. **Singles**
[HS86, LGJP99]. **Singlet**
[BHM17, GV09, GL68, RLF17, Sme99, SKS$^+$19, VT24]. **Singlet-Triplet**
[GL68]. **Singularity** [GS04a]. **SiO** [GP14, MKK$^+$00, OTA97]. **Site**
[Bro98a, Chi03, Bro98b, DAB$^+$23]. **Situation** [OW08]. **SIWB** [Fuk15]. **Six**
[BH24]. **Size** [CDK15, DDPC95, EM17, IKN$^+$08, Per90]. **Size-Consistency**
[DDPC95, Per90]. **Size-Extensivity** [EM17]. **Size-Intensivity** [DDPC95].
Sizes [LR72]. **Slag** [MKK$^+$00]. **Slags** [MKH$^+$97]. **Slater**
[AYÖ17, HPB17, KÖO23, Mon05, PTC$^+$13, PTBH13, Rui23].
Slater-Orbital [Mon05]. **Slater-Orbital/Plane-Wave** [Mon05].
Slater-Type [AYÖ17, HPB17, Rui23]. **Slow** [SCTH$^+$07, JS21]. **Small**
[HL97, Kap98, Nes67, RK04, UK05]. **SMILETRAP** [SBF$^+$08]. **SnO** [GP14].
Sodium [CKRT03, NHM03]. **Soft**
[AAM04, KNM$^+$08, Mur08, UMD08, Mur03]. **Software** [KS97b]. **Solar**
[KD11, GTB23]. **Solid**
[AYÖ17, AJ04, EG99, FAS$^+$98, Löw65c, Miy03, SR73, IOA03, SEL01].
Solid-State [EG99, IOA03]. **Solids** [AL04, CMJR$^+$04, DC99, GSTvE98,
Gon98, GL90, Köv08, PGN04, AP03, AGS$^+$19, MAS03, SSK03]. **Soliton**
[För94]. **Solution** [BH24, BE01, Cam12, CCM05, CB18, JGCRC16, KGW98,
MYW00, MFCT15, MKN10, PWZ$^+$08, dLHD10]. **Solutions**
[BC09, HPRR10, Kob97, TMN10, MST$^+$03, SKGŚ23]. **Solvation** [KGW98].
solvatochromism [CCT02, LCC22]. **Solvent**
[AB73, ABC$^+$98, BMPV99, Bas64, CC97, GMLSC$^+$10, MBM99, SS22].

Ultra-compact [VT24]. **Ultra-Soft** [KNM⁺08]. **Ultracold** [ML18].
Ultrafast [MCP12]. **Unbounded** [Löw88b, LFM89]. **Uncoupling** [MÅ01].
underlying [JJ20]. **Unified** [LR72, LJKH13, SO19c]. **Unique** [Ber03]. **Unit**
[NA04]. **Unitary** [CDP82, LHL18, Mat78]. **Units** [Moh08]. **Univariate**
[Lev14]. **Unrestricted** [BR65]. **Unstable**
[ALND10, KG12, MKN10, NBS10, Nic10, NBS12, PD10]. **Until** [Nor98]. **UO**
[MCC03]. **upon** [PGJ07]. **Upper** [Wei72]. **Uranyl** [HBT⁺00]. **Usage**
[SPAS05]. **Use** [FSB⁺97, GMLSC⁺10, HM21, McG04, MP89, ALA23]. **Used**
[Kla81, MKH⁺97, Pau13]. **Useful** [VKI97, SH19, Wen21]. **Usefulness**
[FP06]. **Using** [AYÖ17, AA05, AA15, BS05a, BC09, CB92, CL00, CTG98,
Fuk15, GMB04, HJ99, HL90, ILS08, KGW98, KSY08, KB98, KMR01, KV08,
LHL18, MCP12, MM96, Mur08, OE17, PJH05, PB75, QGW01, STZY18,
SED⁺98, SGB16, SW98, SYM⁺08, Uda00, UMD08, VTM98, dLHD10, AA19,
BH24, BB22a, Bis19, CCM⁺19, GDL14, HDFT24, JMWG19, LPC24,
MMM19, SA23b, SKS⁺19, SYIY03]. **Utilization** [ODE75, GG20]. **UV**
[BS98]. **UV/VUV** [BS98].

V [TMM03, YIYM03]. **vacancies** [EOH03, Sak03a]. **Vacancy** [NM00].
Vacuum [Gre98, Gre08]. **Valence**
[CCSZ01, Cse97, FVB99, GVCN82, SH95, SIY⁺19, WD70]. **Valence-Bond**
[GVCN82]. **Valency** [San92]. **Validation** [DSW04, MG21]. **Validity** [Per17].
Values [AHPD⁺03, BKC68]. **Vanadium** [YKC⁺08, YIYM03]. **Variable**
[SGB16]. **Variation** [BLC23, Kar08]. **Variational**
[ADRAB16, CTG98, EG99, IM80, LFM89, MM99, MCA⁺18, OW08, Öhr17,
TAU17, WT99, SYIY03, VT24]. **variational-X** [SYIY03]. **Variationally**
[GW01, MRHdCK15]. **Various** [JJD05, Kar08, KB86]. **VB**
[CTG98, RFG⁺98]. **Vectors** [GDL14, IM80, Sri01]. **veil** [FSP23]. **Verifying**
[BWVD⁺13]. **Version** [LLBK⁺98]. **versions** [LH20]. **Vertical** [MLPD⁺98].
Very [Sim07]. **via**
[BWVD⁺13, Gre08, ML18, MCM14, OPPZ06, ÖÖ13, ÖEO23, SIY⁺19].
Vibration [YTC⁺05]. **Vibrational**
[BR17, ILS08, JJD05, Les75, PSAP10, SJO05, SSV98, Tak19]. **Vibronic**
[AR03, BP82, Bor03, Chi03, CH03, CHSC03, HDB03, KH03, Kri03, SBC⁺03].
Vibronic-induced [HDB03]. **Vicinal** [SPAS05]. **Vicinity** [MYM08]. **View**
[Löw65c]. **VII** [QGW01]. **vinyl** [GC01]. **Violation** [Kar08, QSW20]. **Virial**
[LDB95]. **Visualization** [CCVB94]. **vivo** [BB17]. **Volatile** [GAI08]. **Volum**
[Ano98f]. **Volume**
[Ano64b, Ano65b, Ano67c, Ano68c, Ano70c, Ano72c, Ano73c, Ano77b,
Ano80b, Ano81c, Ano81d, Ano82e, Ano85c, Ano98g, Ano98b, Ano98h,
Ano98c, Ano98i, Ano01g, Ano01b, Ano01f, Ano08n, Ano09j, Ano10g, Ano10h,
SBK04, Ano01d, Ano01a, Ano01e, Ano01h, Ano01c, LSZ⁺99a, SB17a, SB17b].
Volumes [Ano67b, Ano68b, Ano70b, Ano72b, Ano73b, Ano74a, Ano75a,
Ano77a, Ano78a, Ano80a, Ano81a, Ano81b, Ano82a, Ano82b, Ano85a]. **vs**
[BFHS23, MS03]. **VUV** [BS98].

Waals [LR72]. **wagging** [MFMCN01]. **Was** [Miy03, SEL01]. **Water** [BRL13, CTSDÖ05, CCCC15, CHR13, FCC04, GP14, KBH23, KMHL13, KN01, KV08, RFG$^+$98, RGFC13, SOS13, SIY$^+$15, SCTH$^+$07, SKK23, YMI$^+$21]. **Wave** [BRL13, Bis67, CTG98, Dau64, DB01, FP06, GM17, Har17, Har18, HL97, Joh73, KNN17, LK13, MDÖ05, MS65, Mon05, PSS98, RGFC13, RMMP17, SAL10, Bel22, VT24, SED$^+$98, Sla64]. **Wavefunctions** [HS05, HA13, Sal74, GWW19]. **Wavelengths** [Khe19]. **Wavepackets** [ILS08]. **Way** [PB14]. **Weakly** [KT98, MHWvdA97]. **Weizsäcker** [Cru09c]. **Well** [BRW08, MFCT15]. **wetting** [SYIY03]. **WF** [MKK$^+$01]. **Which** [BR65, GVFR98]. **Wigner** [HW01, HMW01, MH98]. **Wires** [KD11]. **Within** [JGCRC16, Lau09, LJKH13, GWW19, Gut97, SKGŚ23, TM21]. **without** [Ber02]. **WKB** [Pol03]. **WO** [HSS$^+$04]. **Wolniewicz** [PMK23]. **Work** [FU00, KKK$^+$97, SB02]. **Workshop** [Ano98t, Ano98u, Ano01m, Ano01n]. **World** [Ros98]. **Worst** [PS05b].

X [Ada97b, BJMB14, FSB$^+$97, Fuk03, Gut97, IFAY08, Kaw97, KNM$^+$08, MW08, Mur08, NHYU03, OTA97, Ros97, SBA$^+$03, UMD08, YFK$^+$97, Ada00, AAM04, BMC97, CL00, CS77, GM17, HOI$^+$08, Kaw97, KsKsN08, KNM$^+$08, LSZ$^+$00, MYW00, MW08, MKK$^+$00, MTA97, MTA00, Mur03, Mur08, Nak00, SBK$^+$08, SNMI00, SYIY03, Tak19, Tan00, Uda00, UMD08, YKS$^+$12, YFK$^+$97, YNNU03]. **X-Ray** [Ada00, CS77, GM17, Kaw97, KsKsN08, KNM$^+$08, MYW00, MW08, MKK$^+$00, MTA97, MTA00, Mur08, Tak19, Uda00, UMD08, YFK$^+$97, Mur03, YKS$^+$12, YNNU03]. **X-Rays** [AAM04]. **XANES** [KNM$^+$08, MST$^+$03, NM00, YKY$^+$00]. **XHY** [DE05]. **XY** [YTC$^+$05].

years [Cra99, Ros97]. **yl** [NeMM03]. **Yngve** [Lin99, LSZ$^+$99b]. **Young** [Sal74].

Zerner [Sab00]. **Zero** [Dru78, FH65, HBKS03, MYM08]. **Zero-Phonon** [HBKS03]. **Zero-Range** [Dru78]. **Zinc** [MYM08]. **Zn** [FU00, NHYU03]. **Zn-tetraphenylporphyrins** [NHYU03]. **ZnI** [BKC68]. **ZnO** [KNI$^+$08, OTA03]. **Zr** [SMAS08, TMM03].

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