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Title word cross-reference

(ΔΨ) [LL17b]. (M, R) [PWG16]. −1 [Xie13a]. −2 [ZL18b]. 1 [GMMN18, STA15]. 2 [CLPZ14, CK17, DHK13, HBSF11, JO13, MS14d, Nos14, Shu13, TA16, WML+17]. 3 [BPF+19, CZJQ14, CK17, DS15b, DTP19, EBP15, ESGA15, GBC+16, HGGCR13, KKGN16, KMM18, LHPF18, MPCTGJ+15, Nos14, PHA+17, RMSTG13, SK15, SKK18, TA16, ZKP15, ZSH+16]. 4 [EBSW17, LZL+19]. 5 [HKR+19, NMZ19, SIK+18]. + [AHW13, CFF12, MYC12, OCN10]. $^{1}5$ [LDB+14]. $^{2+}$ [CFF12, CN12a, DD13, EG10, Gri11, KCZ+19, PRV+14]. ^{6} [AH18, ZZN+19]. $_{2}$ [LDB+14]. $_{3}$ [CZT+16, LL17b]. a [ASRM15]. α [BZJP18, EKvdKvFK13, HSiI+19, KSK+17, RAR19, SSZR17, WPH+12, YCB16, dSMP+11]. b [ASRM15]. β [BZJP18, CWP+18, Goe15, Gün12, Gün13, KSKK15, KGM15b, MVGGB18, MB18b, MHMM11, SNS17, SWR11, SHLL11, SKK18, SAGC12, WGC13, ZZRZ11]. c [PBSM19]. C^3 [Mic15b]. $\mathcal{R}_0$ [TDW16]. Δ [LL17b]. γ [OBK+11, TRM+14]. H_∞ [QF10]. K [NMZ19, DLYW13, GAB14, HA15a, Hua16, LCL14, Tun13, WZY14, YZZ13,

YW13a, YW13b]. κ
[ÁTC+14, GM13, HSiI+19, KB19, TC11, WPH+12, ZBA14]. N
[SPSP12, FS15b, HY16, LZT12, LZT13, TP10a, vV11a]. N_e [ZGW16]. P_2
[PIPB10]. R_0 [CD16, DDSDW13]. σ [TLCZ12]. $\times$ [Sum13].

-2 [BMGC11a, BMGC11b]. **-activated** [CFF12]. **-amyloid-neuron** [WGC13]. **-associated** [HBSF11]. **-based** [JO13, ANMH11, Mil11]. **-catenin** [SWR11]. **-catenin/TCF** [SWR11]. **-cells** [MVGGB18, MB18b]. **-circular** [FS15b]. **-clavaminic** [RMRC+16]. **-clavulanic** [RMRC+16]. **-dihydromethyltrisporate** [EBSW17]. **-dimensional** [EBP15]. **-grams** [HY16]. **-helical** [dSMP+11]. **-Ig** [LZL+19]. **-infected** [STA15]. **-interacting** [HBSF11]. **-lactamase** [KSKK15, SKK18]. **-LTR** [CLPZ14, WML+17]. **-mer** [HA15a, Hua16, WZY14]. **-methyladenosine** [AH18, ZZN+19]. **-methylcytosine** [SIK+18]. **-nearest** [NMZ19]. **-Partite** [LCL14]. **-person** [TP10a, SPSP12]. **-phenylpyrimidine** [TA16]. **-player** [DHK13, Shu13]. **-protein** [SAGC12]. **-PseAAC** [NMZ19]. **-rays** [TRM+14]. **-regular** [CZJQ14]. **-sheet** [ZZRZ11]. **-spaced** [Tun13]. **-state** [MS14d]. **-step** [NMZ19]. **-steps** [HKR+19]. **-strand** [SNS17, ZZRZ11]. **-susceptible** [TDKJ15]. **-tier** [SKK18]. **-tubulin** [KGM15b, SSZR17]. **-turn** [SHLL11]. **-variable** [DTP19]. **-word** [DLYW13, YW13a, YW13b]. **-words** [GAB14].

/chondrotin [SABB15]. **/Cl** [CZT+16]. **/K** [OCN10].

09 [SY11].

1 [CH16, FH10a, FHG15, GKPB13, IGL+12, ITR+18, LLW15, LGK+09, MR19, NTC+11, SW11, SPG+18, SH15, TXCW15, VBHM+13]. **1-108** [Ano19-48]. **1-72** [Ano19-49]. **10** [MMFK10]. **118** [LHPF18]. **16S** [WSTL16, WZ17]. **185** [BBM+13a, BBM+13b]. **1c** [BAGG14].

2 [TTC19, BMGC11b, FH10b, GML10, Lab16]. **2'-O-methylation** [TTC19]. **2009** [KLJ17, LJ15, LCJ18, TDE12]. **2013** [DHK13]. **2019** [Ano19b, Ano19a, Ano19-43, Ano19-38, Ano19-30, Ano19-34]. **21** [Ano19a, Ano19-30, Ano19-34]. **236** [SRAL12]. **256** [Lei10]. **257** [EPJ+11]. **259** [ML12a]. **260** [DBBW11]. **261** [LGK+12]. **262** [ZZR13]. **263** [CLG+11]. **264** [dOGL13, SCÁBM11, ZG10a]. **266** [LBS+11, PSS+13]. **271** [FIS16a]. **277** [BMGC11a]. **278** [PCT19, Pan19]. **280** [Mul12]. **283** [CNG+12]. **289** [JCLS+21]. **293** [Mei13a]. **294** [LPvSP12, RTEKG19a]. **2A** [DS15b]. **2b** [VZB+15]. **2D** [NWB+10, WXC10]. **2D-MH** [WXC10]. **2L** [JCG15]. **2LSAAC** [AHJ18b]. **2methyl** [TTC19].

3 [Sel12a, BZJP18]. **3'-to-5** [Sel12a]. **3'-to-5'-direction** [Sel12a]. **307** [BPGS12a, Gün13, LZT13]. **310** [Mei13b, WL12a]. **311** [MLBA13]. **317** [TSM13a]. **321** [DHK13]. **329** [AEM14]. **330** [SC13a]. **335** [LHPF18]. **339**

[GS14]. **340** [KDK14a]. **342** [PL14a]. **343** [KMLT14]. **344** [JRG14a, JRG14b]. **355** [JN14, NO14a]. **361** [GZ14b]. **365** [BPF15b, Van16b]. **372** [FS16a]. **380** [RTEKG19b]. **382** [SZ16]. **388** [ZSCL16a]. **3D** [HB12a, aHLZ+12, MDD13, PWC+12, SGB12, SKH11, XM11]. **3D-geometric** [SGB12]. **3R** [RMRC+16]. **3S** [RMRC+16]. **3ST** [RLFS18].

413 [YCH+17a]. **417** [Sch23]. **419** [JS18, SYY17a]. **426** [LPB18]. **431** [EJ19]. **437** [PP19]. **439** [SSKS20]. **447** [Lio24]. **454** [Sch21]. **456** [GHS20]. **464** [Mac11]. **483** [WLW20].

5 [Sel12a, SGD+16]. **5'-UTRs** [SGD+16]. **5R** [RMRC+16]. **5S** [RMRC+16].

6-bisphosphate [Bar19]. **6DoF** [GAL11b].

7 [Ano19b, Ano19-43, Ano19-38, OOY16]. **756** [Mac11].

Îto [OOY16].

A*0201 [BYY+11]. **A-peptide** [WHL13]. **A.** [MHX+14]. **A/H1N1** [KLJ17, KJ19, LJ15, TXY+12]. **aberrant** [PRN10]. **Ability** [HA15b, HN10, LDdA+13, PDB+15, PGH11, RT19, SMHB10]. **Abiogenesis** [Ser16, Tox18]. **abiotic** [LVLC18]. **abnormal** [CPF+13]. **Aboelkassem** [SWPC+16]. **Abrupt** [TBM+13]. **Absence** [BWP10, BGLR+19, DSLR18, HZG+17]. **absence-deriving** [BGLR+19]. **absent** [YZZ12, YZFY16]. **absorption** [DS18, Gal11a]. **abstaining** [MBC+12a]. **abundance** [AF10, FVC15, GT11b, GBIR13, KFG15, KS14, KMM16, MG14b, SS15a, Su16, TKB+18, TWW19, YSST13, YMZ18]. **abundances** [PC13]. **abuse** [CFS+19]. **abysses** [Di 13a]. **accelerate** [Kor18]. **Accelerated** [CzST+18, DZJR10]. **accelerated-predator-satiety** [DZJR10]. **Accelerating** [LK19]. **accelerometric** [WHHS15]. **accessible** [IMH15, TAI+18]. **accessory** [SH15]. **accompanied** [iITIM15]. **according** [CC10, PVGV19, RMSTG13, SS15e, ZEJA11]. **account** [FD18, MP12, MA10, Ush16]. **Accounting** [Oko15, ZKTK10, LAS14, MKBE17a, MKBE17b, TSB10]. **accounts** [Wei12]. **accumulate** [HHMT19, KDK14a, KDK14b]. **Accumulation** [SK12b, AK15, Ber14, HL14, JCLS+11, JCLS+21, MYK+11, MYC12, SW11, SAB10]. **accuracies** [RSD+16]. **accuracy** [CC11b, KOS13, Kon12, LJ10, MSRW16, WYX+17, ZLY14]. **Accurate** [KZL14, ZNCM15, SMZ+17, USF+18, ZCAB17, dEG11]. **Accurately** [DLL+17, BMSEE14, IGL+12, SHB+17]. **acetaminophen** [BRN15, RWW+15]. **Acetolactate** [EJ16]. **acetylation** [CCY+19, SQS+12, XWD+10]. **acetylcholinesterase** [MR18, WB15]. **achieve** [CW11a, iHIM12]. **achieves** [XJ19]. **achieving** [WB10]. **Acid**

[AH15, AHJ18b, BRK16, BMN16, BTF19, BB13, BWM+19, CEdLSG+16, CC10, CL13a, Cho11, DS19b, Di 14a, DWM15, Edg19, EBSW17, EMM10, FL12, FL13, FLW16, GT11a, GZ14a, GZ14b, HPB+14, HYA14, HK11a, HYW11, HY13, JD16a, JD16b, JD17, JSF+11, JCG15, JCG16, KHK15, KB11, KZL14, KHH+17, KSKK15, KGM15b, LLG16, LL13a, LD11, LBS+14, MJ11, MGGM10b, MFZ18, MZ18, MBE11, MP14b, NBL14, OFB10, PWZ+19, PDC+17, PWC+15, QLC+18, RBMS17, RMRC+16, SRS+15, SFV16, TP17, Tun13, WMK13, XNJ+13, Xie15, XWW+14, XSLZ16, YSH+14, YG18, YGL+10, ZPdFJ19, ZDG+10, ZSZM14, ZZK14, ZNA+16, ZLW+19, dBJ11, dSMP+11, vLFM+19]. **acid-mediated** [MGGM10b]. **acidic** [KHK15]. **acidification** [MGGM10a, RTFP+17]. **acidosis** [TDSM12]. **acids** [CL11, Cle10, FD18, FS15b, MP13b, RSD+16, Rog19, Woh15, WXC10, YGMT12]. **acinar** [SMZ+17]. **Acinetobacter** [RRG+10, RRG+12, SRP16]. **acquaintance** [CW15a]. **acquired** [FM14a, GJ12, PDW10, PRM14, TA10, WKB13]. **acquisition** [SI19]. **across** [AMM16, AHD+18, ASL+18, Bac15, BHR10, DFG+18b, GABM12, LZG+19, LL17b, WRC+19, ZJS11]. **actin** [FKK14, HBW+11, KSK+11, KHNM16, MDEKH13, MS18, MED12, SW15]. **acting** [GN10, HG18b]. **action** [ACT12, Arc14, BZJP18, BHBH11, BCPM+16, CF11, DBJ12, Gri15b, KMA10, LdLK11, MPNP12, PNL15, PN16, SNOV11, TWTA+18, TSF+19, WLD+11]. **actions** [DL12a]. **activated** [CFF12, YST14, ZCA+14]. **activates** [CSKZ19]. **Activation** [KL18, ABR11, BN12, BN15, BSC+18, CS11a, EJ16, KHH10, KHS13, KPS17, LO15, MH11, MYC12, Mor10a, NZZ19, RG17, RG18, RG12, SH16, TSP15, UK17]. **activations** [SCF+12]. **activator** [Das13]. **activators** [NZZ19]. **Active** [AMP12, RGA+10, ASS19, CN10, CFGRB17, CT16, DK13c, EM11, FGH+14, GTC19, GDPPSS+11, MM12, NP15, Pat16, Pel18, PGF11, RW15b, SMJS14, SPL14, TC11, TSB10]. **active-search** [RW15b]. **activities** [FHG15, MFKS13, NF14b]. **activity** [BB11b, BPPC15, CP14, CW11c, DS10a, GVGC15, HB18, KSSM11, KIH16, KB10b, Kro10, LL13a, Mar12, NBW10, NBW11, OA15, PSG+17, PVGV19, PPF17, RRC+11, RG17, ZLL+12]. **activity-pCa** [RG17]. **actomyosin** [ITN+11]. **acts** [HTN14, MLBA12, MLBA13]. **actually** [RWH16]. **actuation** [MK18b]. **acute** [BFJ+18, CMS16, LGK+09, LGK+12, LH14, MBBV14, NSH+10, RZRSC19, SCLA10, SBM+19, SW11, ZCT18]. **acyl** [PWH+13]. **Acylguanidine** [SK19]. **Acylguanidine-BACE1** [SK19]. **adaptability** [CMCS18, SM10a]. **adaptable** [SHW16]. **Adaptation** [GCB17, AT10, BPM+12, BSH19, Don13, FWR19, GB13, GTSP16, Mil16, NS16, PW18a, SMG18, SSV+15, SH16, TD17, TKTB18]. **adaptations** [DPvBvA12]. **adapted** [Jam16a]. **adapting** [ABIM10]. **Adaptive** [ADC19, BS15a, BEK10, DMO+17, EL12, Ezo19, FGGT15, FH13b, GS13a, GS14, HD11, iHM17, OBE+17, RPCW18, SSD13, SM17b, SHF16, WFZW13, ZPHS11, ZMT11, AR11, AK11, CJ12b, DGMY18, GK17, GSN+11, HE16, IEN15, IMD16, KDG13, KMMS17, KR19, LS16a, LvBJ16, MZAI19, Mor13,

NO15, NSH+10, PNK16, RTEKG15, RTEKG19b, RAMS11, SDT17, STN19a, TM12, YCH+17a, YCH+17b, YC13, ZCXF13]. **adaptively** [COWA11, Zhu11]. **ADCC** [HGO+18]. **added** [LS18]. **Addendum** [SZ16]. **Adding** [KA15, SHW16, FLM18]. **addition** [RD12]. **Additional** [SVA18]. **Additive** [Gri15b, Boc12, HK14, JSDEK14]. **additive-by-additive** [Boc12]. **Additivity** [MEJ18]. **Addressing** [NI11]. **adherence** [LS11a]. **adherent** [CCdS15]. **adhesins** [DMM+14]. **Adhesion** [CCS18, CMS+19, CCB11b, CML11, DTGC14, FPG11, GMMN18, HJLNZ11, HBW+11, MFG14, MFMB12, MT15, NCLB16, PAS10, UAL10]. **adhesions** [ESGA15]. **adhesive** [IUK14, Sar10]. **adipocytes** [SJSG13]. **adipose** [PDL+17, SGS15]. **adjacent** [CFF12]. **Administration** [HL18, BS15a, CHN+15, RSD+13, TTB+18]. **admissibility** [MKE15]. **adolescents** [BSR14]. **adopting** [AH19]. **ADP** [CPS10, MS18]. **ADPM** [ZK18]. **adrenal** [Jam15, WZ12]. **ADSVM** [WMK16]. **adult** [DLHS11, GMM15, GM16b, ISZ18, NTED+19, NNH+16, RVA+11, SSG+19, SB19]. **adults** [CL13b, Gar10]. **Advance** [SL12]. **advanced** [SS17a, SCF+12, SKD+10]. **advances** [Wil11]. **Advancing** [WYX+17]. **advantage** [BID15, Bul12b, Cro17, EHSR17, ESE15, HG18b, IUK14, KDK14a, KDK14b, Lar16, SG18]. **advantageous** [SL12]. **advantages** [BTK14]. **advection** [RLK10, VIBC12]. **advection-diffusion** [RLK10]. **advective** [LS15b]. **advertisement** [BR12a, FH13a]. **Aedes** [LBGW13, ASF+15, HLH+18]. **aegypti** [LBGW13, ASF+15, MHX+14]. **Aerodynamic** [DS12, MHSH12, FH14, LBS+10, LBS+11, Ush16]. **aeruginosa** [ALM+19, MBC+12b]. **affect** [AR11, BH13a, CV15, DLEMP19, GSF13, HGHL10, KLN+12, RL17, SM16, SLL18, SJK18]. **affected** [GZ19, JSP+16, LS14b, TB18]. **affecting** [LvdBP12, POW18]. **affects** [ATTN12, BS19b, Cut15, GSSBF18, HT13, KBL15, KRR14, MGS16, NIiT18b, Nak19, SN14, SHW16, XDC+11]. **affinity** [TLT+15, TCYY+12, WFW19]. **AFM** [KMM18, SK15]. **AFM-based** [KMM18]. **AFP** [KCM+11]. **AFP-Pred** [KCM+11]. **Africa** [DE17, MS16]. **African** [CMMR13, GPD18, PDW11, STLJ18]. **after** [BPLM12, FS11a, HWM+16, HHMT19, HRG11, JV14, LNRK11, SSME10, TTB+18, TALC16, VLPH17]. **AGAAAAGA** [ZGY11, ZSW11]. **against** [BC19, DMM+14, DL15a, Di 10, Di 17b, Dra19, GWCA14, GDPPSS+11, HS15, JSF+11, KJM17, KRDJ15, LZL+19, MCL19, NGJ+14, PGGvL+19, ST17a, SRP16, TWR+18, TXTW16, TAR16, YM16, Yam16b, YY18, ZCW13, vVE15]. **agarwood** [LCQ+18]. **Age** [Kär11, MDE11, CHK16, DBB14a, Dol16, GGQ+12, GMR16, JS15, JS17, JS18, KJ19, KMH19, KSPA17, LAS14, LKK13, LM11, LS16b, LSLL13, MDMG14, MKPVH16, OT13, Tak16, Yan10a, ZLT+19]. **age-dependent** [KJ19, LAS14, LKK13, MKPVH16]. **age-size** [OT13]. **Age-specific** [MDE11, MDMG14]. **age-stage** [ZLT+19]. **age-structured** [GMR16, KSPA17, LM11, LS16b, Tak16]. **ageing** [BM16, EdKM11, Gia13, KDK14a, KDK14b, PMD+18, ZARK19]. **Agent**

[CSR+05, Gal10, GCB17, SRAL12, BRP+18, BCS+16, CS14a, CA17, Cro18, DJD10, FM15a, HWPL12, HM13, JSSZ12, KTJ19, LS16c, METC12, SGDL12, TCB13, TVA18, WFC+14]. **Agent-based** [CSR+05, Gal10, SRAL12, BCS+16, CS14a, CA17, Cro18, DJD10, FM15a, HM13, JSSZ12, METC12, TCB13]. **agent-environment** [BRP+18]. **agents** [ACCR11, GN10, HAuR+18, IHNS16, JH11, LFZN11, TTB+18, VW10, Wil13]. **aggregate** [MPLK14]. **aggregates** [GWW+10, PAV10, YMW12]. **Aggregation** [BHP17, AGB+14, DFMR19, GABM12, IOY15, KKS+14, MCPF12, NPB13, RDD14, SM14, SS15a]. **aggregations** [PWE15, Tos11, Woo10]. **aging** [HH10, Hor13, Kit10, KS15, LC16, PS13, PVGV19, SC11b, Wu14]. **ago** [Kur14]. **agonism** [BMF+18, HPML18]. **agonist** [HBSF11, PHC12]. **agonists** [DvDBD15, HP12]. **AhR** [ACM16]. **AhR-gene** [ACM16]. **aid** [SN18]. **aided** [SB15, WDH+16]. **AIDS** [DCR18, HTK12, JO13, NM11, PT10, XTZ+13, Yan10a]. **Air** [CXT19, IMW15, JG14, MAM16]. **airborne** [IMW15, RSD12, UD10]. **airfoil** [LS10b]. **airway** [AJD11, AJC12, AdSG14, Don13, Don17, EJK16, HGB+13, PDT+10, WTC10, WBB+18]. **airways** [SCS15]. **Akt** [GC16, LCGMH12]. **Akt/mTOR** [LCGMH12]. **al** [JN14, JAHKH12, Mac11, NBW11]. **al.** [Di 14b, SWPC+16]. **alarms** [SPG+18]. **albicans** [HHS+10]. **albopictus** [MHX+14]. **albumin** [SCS10]. **alcohols** [KK15]. **aldolase** [Bar19]. **aleurone** [OFB10]. **algae** [JB18a, PKL12]. **algal** [AK15, BH11, STI13]. **algebra** [MFG+13, MPT19]. **Algebraic** [NMS10, MPT19]. **algorithm** [AHAFA14, CPH+14, DXW+16, DV12, EHSR17, FCS18, Ish16, JW18, KKGN16, KF15, LT14, LJ10, LDWW14, LHH12, wLW10, MGM13b, NMZ19, PDNP16, PSAA13, QF10, SNS17, SM10a, SKH17, SMC17, WXmH10, WY13, WcW14, XXD+17, YLC16, ZMNd+10]. **Algorithmic** [BNG16]. **Algorithmically** [SWG+15]. **algorithms** [Mor19, NNK+15]. **Alignment** [HZLX11, YZZ12, YZZ13, GAB14, HLHY17, LWL+11, LBS+14, LPD+16, MSND12, MPL16, MED12, PM11b, QQL10, SNS17, SVSP15, TP17, WDH+16, ZZRZ11]. **alignment-based** [MSND12]. **Alignment-free** [HZLX11, GAB14, HLHY17, LWL+11, TP17]. **alkaline** [KHS13, KHK15]. **All-atom** [Mas18]. **all-or-nothing** [DS10a]. **Allee** [AH17, BGM19, BBB18, BIMC17, HMM17, MG14b, MBP16, PBB10, PR13, SHvHB16, ZMW10, dSRM15]. **allele** [AM11, CJKR10, MKF+14, SGW17, SL12, WL12a, WL12b]. **alleles** [ASRM15, GGM12, PKH11]. **Allelic** [KM18, MKE15]. **allelochemicals** [LFM11]. **allelopathy** [GW14]. **allergen** [HI17]. **allergy** [GMB11]. **alleviate** [CW14]. **alleviation** [KK18]. **alliance** [MGGGA11]. **Allocation** [TP14, BHBR12, DBB14a, DB19, GCZ+12, KMHdlP10, MDMG14, MLT10, MK14c, MKJS13, MRS14, SCH+19a, WKH16, YYST13]. **Allometric** [All11, BZN17, PRSC11, BS13, BDE+14, Gla13, TW13]. **allometries** [GLZ+13, Nij11]. **Allometry** [CW11a, SI10b, Bal13, MR10]. **allostasis** [RGBR17]. **allosteric** [PBBB10]. **allostery** [NGND12]. **allow**

[Moo14, tBdR18]. **allows** [JP13]. **almond** [YLH12]. **alone** [GT12, Sch19b]. **along** [Bro13, CN10, Che14, CL10, PMD11, SSZR17, SPL14]. **alopecia** [DPC15]. **Alpha** [KA16, EG12, RGP13, VZB+15]. **alpha-2b** [VZB+15]. **alphabet** [HWHL15, dBJ11]. **already** [Di 14a]. **also** [GvVT14, SKS+19]. **alter** [CK19, GWCA14, GBM18, MR15, SLD+17]. **alterations** [DM11, KK18, SPMGR10]. **altered** [CML11, MPS16]. **alternans** [ESG+16, MKMT14, VLCT19, WMT15]. **alternate** [CMGN17]. **alternating** [SM11b, ZLY14]. **Alternative** [MH18, NWWL18, QYO10, VA10, BWM+19, GBRS19, HSR12, TCW14]. **alters** [Oku15, PW18b, WCPF15]. **altruism** [Gar10, KF11, LDF11b, SN16, SC12, YvBS18, ZZCZ17]. **altruist** [MV18]. **altruistic** [Sek12, dWV11]. **Alveolar** [HWMT17, HWM+16, KKUM10]. **always** [BEK10]. **Alzheimer** [Ana11, DD13, GRR+14, HAuR+18, HRHAAA15, PS13, WB15]. **ambient** [YI18a]. **ambiguous** [DH16]. **ambivalent** [NC15]. **ambushing** [BR12a]. **ameloblast** [Cox10]. **American** [DB11]. **Ames** [HPB+14]. **amid** [GSRR17]. **amides** [HAuR+18]. **Amino** [AH15, CC10, YSH+14, dSMP+11, AHJ18b, BMN16, BB13, BWM+19, CEdLSG+16, CL11, CL13a, Cho11, Cle10, DS19b, Di 14a, DWM15, EMM10, FD18, FL12, FL13, FLW16, FS15b, GZ14a, GZ14b, HPB+14, HYA14, HK11a, HYW11, HY13, JD16a, JD16b, JD17, JSF+11, JCG15, JCG16, KHK15, KB11, KZL14, KSKK15, KGM15b, LLG16, LL13a, LD11, LBS+14, MJ11, MFZ18, MZ18, MP13b, MBE11, MP14b, NBL14, PWZ+19, PDC+17, PWC+15, QLC+18, RBMS17, RSD+16, Rog19, SRS+15, SFV16, TP17, Tun13, WMK13, Woh15, WXC10, XNJ+13, XWW+14, XSLZ16, YGMT12, YG18, YGL+10, ZPdFJ19, ZDG+10, ZSZM14, ZZK14, ZNA+16, ZLW+19, dBJ11]. **aminoacyl** [Di 17a, Rog19]. **aminoacyl-tRNA** [Di 17a]. **ammonite** [MGC15]. **amoeba** [GF11, UI13]. **amoeboid** [AA12]. **among** [AN15, Arc14, Arc16, BKC+16, CBBO16, Cha18, CL13b, DK13a, EAN14, Gar10, KGK10, LCCK12, Mal15, MHMM18, Mas14, MSBB13, MFP+14, NF14b, NI11, NI19, Oka15, Pav19, PBSM19, SS15d, TA15, XSMF12]. **amphibians** [BKL14]. **amplification** [BM10, CMPS17, IDM15, JC10]. **amplify** [RS12, UT17]. **amplitude** [GZT15, NSK13, RL15, ZCSRG12, tBdR18]. **amplitudes** [SKK+11]. **amylase** [KSK+17]. **amyloid** [ADMR16, Mau15, SPG+18, SMM+13, SAGC12, WGC13, ZGY11, ZSW11]. **amyloids** [DD13]. **amyotrophic** [BGCB12, KKS+14]. **anabolic** [BPGS12a, BPGS12b]. **anaerobes** [Mar17a]. **anaerobic** [SI19]. **anal** [MHMM18]. **Analogue** [BSMK11, IGG+18]. **analogues** [RSD+13, TA16]. **analyse** [MKPVH16]. **analyses** [KRDJ15, LPS+14, LAH+16, LZL+19, MZWC10, Oko16, TT10a]. **Analysing** [LAJC19, BR12b, DSTD19, KS13, PBD13, WP17]. **Analysis** [BMN16, BF16, BBP13, CRLH+19, CC11a, COG19, HNL+11, JKS15, KB19, KMCJ17, KK18, LMM+13, LW18, MFZ18, MZ18, OO11, OL19, PWH+13, PWZ+19, Pat19,

SNC12, Str15, SBS17, YNY+10, YWW+14, YCR+15, ZLZ+16, ZLB13, ASK17, ABP+11, AHD+18, ABKS11, AAGO+17, AP17, ALM+19, ADR+11b, BC19, BP18, BDID+12, BUC14, BD10b, BLP10, BHO+18, CRH+15, CW11b, CMPS17, Che12, CW15b, CLL18, Che18, CCY+19, CSS+18, CMD+10, CLW12, CGRRGM+16, CMN+11, DS10b, DQY+15, DJD10, DB11, DG10a, DDLW10, DLYW13, DCS14, DOC17, DLHS11, DDSDW13, ESS19, FLA+19, Fra19a, GAL11b, GZFX14, GP11a, GHBI16, GY19, GdGL17, Gou16, GMK18, GFS15, GZT15, GRRG16, GGG12, GRR+14, HS15, HL10, HME12, HN10, HS14a, HYZS14, HDZ+19, HYW11, Hua16, JTSG14, JB18a, JSZ12, JB19a, JWTW17, JPDP10, JG14, KMHdlP10, KFW12]. **analysis** [KMM18, KJSS10, KSKS13, KF12, KZ14, KLHS17, KTT+19, KSPA17, KS10, Lab16, LKSM14, LAS14, LCJ16, LY14, LMYL15, LLC15, LZG+19, LZY+15, LCL14, LLJ18, LCQ+18, LC10, LD18, Mac10, MK11, MMY+12, ML09, ML12a, Mal18, MDB12a, MPP+16a, MH12, MÇ16b, MN11, MDEKH13, MBBV14, MB18b, MAFK12, MPS+11, MPT19, MNSZ16, MH14, NAK+11, NMI18, pNMK+10, Nos14, NSS16, OA15, OGE10, Oht12, OYY16, OBAI11, OABI12, PDB+15, PNP+16, PWC+12, Pav14, PPF17, QLZQ11, QJR+16, RLK10, RRG+10, RAA+16, RWW+15, RSI11, RP18, RLBCJ13, RSV10, RLM+14, RM19, RS14b, SAA10, ST17a, SKAG18, SS19, SBW11, SPMGR10, Sha14, She11a, SCF+12, SG15a, SLW+18a, SGD+16, SGW+18, SSKS18, SSKS20, SCS10, SCLC13, SAI14, SQZ+16, TDHC+18, TM16, TAR16, TZY18, TDE12, TAORS10, TF15, VLPH17, VZB+15]. **analysis** [VM16, VH11b, WTQL10, WZJ+13, WB15, Woo10, WCHC11, WLL+14, WAC14, WGDZ18, XSLZ16, YISG14, YM14, YTGW16, YZFY16, YY15, ZCT18, ZYJL18, ZZL19, ZDY11, ZNC+15, ZMC+18, dBJ11, dLMV+10, dlCGSA16, ISB+11]. **analysis-regression** [HME12]. **Analytic** [JBSFB12, SPRF13, CM14, KFS+13, Pie10]. **Analytical** [BHSB11, FVC15, MSC10, PM10a, SSFG15, VPFV13, AdlPLMZ13, Gal10, LCTG15, LPF11, LCGMH12, LB11, OYA14, WHWZ18]. **analytically** [SBJ13]. **analyze** [HZWH10, Kri18]. **analyzed** [CTPB10, vVLS14]. **Analyzing** [MS10b, Su16, AHJ+18a, GLZ+13, RSR11]. **anastomosis** [FRTP13]. **Anatomical** [RLSM17, DOC17]. **anatomically** [SMZ+17]. **ancestor** [Cam15, Di 19c, Sch14]. **ancestors** [FS12]. **Ancestral** [ZSSM14, BJOS13, Ell15, GG16, Gri19, HC17, OGO19, RCD16, dF13]. **ancestries** [Mul11, Mul12]. **ancestry** [SS15e]. **anchorage** [CEP14]. **Andean** [FBU11]. **androdioecy** [VSLVB15]. **androgen** [HHSA15, HA15b, SSN+14, YZY+16]. **androgens** [Jam15]. **Anelosimus** [QJR+16]. **anemia** [AGC18]. **Anergy** [ABD+15, SI11a]. **anesthetized** [SKK+11]. **aneurysm** [MAR+17c, NF14a, ZKP15]. **aneurysms** [MTdS+16]. **angiogenesis** [BJJR10, BZJP18, BBI14, CXWL11, FBFM12, FJC+10, GBJ18, HGM+16, SGGM11, SLD+17]. **angiogenesis-modulating** [BZJP18]. **angiogenic** [HGM+16, Kar16, SOF16, VDRL14]. **angioplasty** [ZLZ+11]. **angle** [ARB13, HB16a, LL17a, Oka12]. **angles** [GP11a, MIH16, Rei12, TSdL14]. **anguilliform** [HFT15]. **Animal**

[Che14, Fis19, WL12c, AZOLVH18, AHMA+19, CB16, Eft13, EHBC10, Gau11, HFD17, IK15, JMZ13, KKWA18, KJ15, LWLM18, LXJ15, MJS11, NKL10, PWZ+19, PCB14, PM17, PBD13, RD12, SS18, Sue12, TWP16, VLFF12, WP17]. **Animals** [SS15b, DS10a, Fue14, Fue15, Fue16, Jen10, LYK12, MROS15, NO18, Pon12, RT19, RW14b, SBCR10, SS15c]. **anion** [Kun16]. **anions** [RCL+10]. **anisogamy** [ER12, Yan10b]. **anisotropic** [CFGRB17, Kro11, PH13]. **anisotropy** [KCJ+11]. **ankle** [MS14b, RS14a, SNCM12, ZHAK14]. **AnmK** [DQY+15]. **AnmK-like** [DQY+15]. **Annotating** [LL12]. **annotation** [GTS15, YCR+15]. **annual** [CMJD11, DP13b, HYN19, HN19, STLJ18]. **annuals** [BI12]. **Anomalies** [TK10b, Sat18]. **ansatz** [GS10]. **Ant** [KTO+14, VPFV13, Amo15, AC12, CFR13, Cro18, Cza14, GKWG17, Möl12, NBW10, NBW11, PRMH14, RSC14, RRC+11, SC11b, TD17, UPWK15, vTMW15]. **antagonism** [BP16, FHS+14, MK14d]. **Antagonistic** [FE11, GL14, Gia13, LIPD12, MK16a]. **Antarctic** [SM17b]. **antenna** [IK15]. **anterior** [BKL14]. **anthracis** [KJM17]. **anthrax** [DFS11, GMS+13, KJM17]. **anthropocene** [Fue18]. **anthropogenic** [HMM17]. **Anti** [RANO10, WGS10, AN13, BHR10, CJ12a, CLA+16, EBE10, EN15, FM10, FM14a, HNR14, HSR12, HGM+16, IHNS16, PYG+19, SOF16, SH15, TDKJ15, YBC17]. **anti-angiogenic** [HGM+16, SOF16]. **anti-anti-dsDNA** [AN13]. **anti-cancer** [CLA+16, FM10, FM14a, IHNS16]. **anti-dsDNA** [AN13]. **anti-inflammatory** [PYG+19]. **anti-malarial** [EN15]. **anti-parallel** [CJ12a]. **anti-predator** [BHR10, HSR12]. **anti-resorptive** [CLA+16]. **Anti-social** [RANO10, WGS10, HNR14]. **anti-tit-for-tat** [YBC17]. **anti-tumor** [EBE10]. **anti-viral** [SH15]. **anti-virulence** [TDKJ15]. **antiangiogenic** [KK18, LBW+13]. **antibiotic** [CL17a, LN13, PCL+15, SBS17, TDKJ15, WSVT14]. **antibiotic-resistant** [TDKJ15]. **antibiotics** [JEA18]. **antibodies** [AN13, ADR+11b, CDK11, FGH+14, GWCA14, MNSZ16, Sch17, Sch23]. **antibody** [BJ18, HGO+18, HTB+13, JRR+12, OBK+11, RRG+10, RRG+12, STN19a, SRP16, TW12]. **antibody-antigen** [RRG+12]. **antibody-dependent** [HGO+18, HTB+13, STN19a]. **anticancer** [HPB+14, MBPS17, TTB+18]. **anticipatory** [FHM18]. **anticodons** [Sel14a]. **antidiabetic** [BAGG14]. **antifreeze** [KCM+11, MP14b]. **antigen** [MCL19, RRG+12, RSI11]. **antigenic** [CST16, GAV15]. **antimalarial** [Kle14]. **Antimicrobial** [PDC+17, PPF17, BC19, MB18a, ZSH+16]. **antimüllerian** [MS13]. **antioxidant** [BRK19, DH18, FBAPMD13, LL13a]. **antiparallel** [ZDG+10]. **antipredator** [BR16]. **antiretroviral** [WML+17]. **Antisense** [Sel12b, Sel11]. **antisocial** [GT12]. **antisymmetry** [Kam11]. **antitermination** [Sel12b]. **Antiviral** [TGZF11, GN10, LCCC10, MSL+16]. **ants** [CDD12, Cro19, GK17, KCMF11, MAW12, RRBM12, STN+19b]. **any** [JS15, JS17, JS18]. **aortic** [ASC15, ASC16, SWPC+16]. **APC** [SWR11]. **ape** [NH12]. **aperture** [ARB13]. **Apis** [EM11, MKJS13]. **apnea** [SEK+10]. **apoptosis** [LTL+15, LMM18, ML09, ML12a, PHTP+12, YLWZ10, ZL18a].

apoptotic [CSKZ19, KKO+18]. **APP** [HRHAAA15]. **apparatus** [TWH+13]. **apparent** [CL10, PHC12]. **appear** [MAA18]. **appearance** [AIY16]. **appendix** [JEA18]. **appetite** [GCO+11]. **apple** [vdSS12]. **Apples** [GP11a]. **Application** [BTG+15, Cox10, DEK15, DS16, FGH+14, HCS+19, JS18, KP16, MJ11, MGB17, MAA18, PDC+17, SDRA+15, TSF+19, VACGF17, WMPF+15, ZLZ+11, dLMV+10, BGW15, CSM+14, DLYZ11, DYS+13, Dim10, GMR16, IMH15, MMG+16, Mor11, OT13, OVKL14, OL19, PCB14, PRV+14, RKMG12, SMD+16, TTC10, TBA14, Tre19, VAT18, WWY12, WZJ+13, YYH+14, CMMR13, JS17]. **Applications** [BLP10, Gol16, Lan16, CZJQ14, EEHMH18, FR13b, FR14, GK16, LAS14, LLZ13, MH11, Pai19, PYG+19, WZY14, XM11, XWW+19, YZZ13, YCY14, ER18]. **Applied** [ZLW16, GSRR17, MB16, PRSC11]. **Applying** [DGW+18, Mor19, SOIO10, CDM+14, GK13]. **apposition** [PVGA12]. **appraisal** [LP17]. **Approach** [JSC+16, KS10, ASK17, ACM16, ADS+19, AMSSG16, ADCG14, AOR17, Amo15, ACvKA10, ARM18, ÁTC+14, BBT+15, BCGD10, BMdA17, BORA10, CFS+19, CPF+13, CL14, CVPCV+15, CM14, CTL+15, DB10, DGM15, DKP+18, Dim17, DXW+16, Dol19, DRPM17, EBE17, FKMG15, FKV19, GAGP+14, GSYS10, Ghu18, GBC+16, GGR11, GM16b, Gre15, GT15, Hal16, HXL16, HXL18a, HME12, HB10, HHF11, IHNS16, JAM18, JLX+16, JSF+11, JSB15, JPDP10, KCM+11, KSK+11, KSP18, KTH16, Kla10, Kon12, Kri16, KSM+15, LvBJ16, LN13, cLCJ+10, LKAJ18, LGPS17, LPvSP11, LPvSP12, MFN+18, MPJH13, MSND12, MB17, MFM16, MT14, MM19, MKBE17a, MKBE17b, MTE15, MSRW16, MPS+11, MPK+12, MF15, MMCZM12, MHH13, MDD13, MJV16, NKM+12, NGJ+14, NHM10, NBW10, NBW11, OWB14, OBK+11, PDM17, PM14, Pav19, PMKM10]. **approach** [PGF11, QW11, RLK10, RA10, RMRC+16, Rev15, RRC+11, RBKW19, RDP16, RSR11, RBMPP+15, SMHB10, SL10, SBR16, SK11a, SCKL15, SLT+18, SZ10, SDPC11, ŚKSRW16, SST19, TvMG16, TKB+18, TKKE19, TTB+18, TWC+19, TT10a, TK10c, WHHS15, XNJ+13, XSCS12, YS14, YBH+19, YA14, YLH12, YS11, ZMAM19, ZGY11, ZJSC16, ZD18, dMP11]. **Approached** [ZLY14]. **Approaches** [JD16a, JD16b, AH16, BCPM+16, CB15, EB15, Fer12, Gal10, GSCS11, HMMSRSD15, JAHKH12, Mic13, MMLK11, NRS+16, OAJK10, QZ14, SPRF13, SD16, SYY17a, SYY17b, SSRA16]. **appropriate** [DZW10, Nak12]. **Approximate** [KBF18, Ou19, MKBE17b, PHK15, RSC14, Wal12, XGZ17]. **Approximating** [HBK12, OBHS19]. **approximation** [CCF+14, FMLM12, GHBC14, HM11b, JRG14a, JRG14b, JRG14c, LLH+13, MFG14, RB14, Wax11b]. **approximations** [MPBS17]. **April** [Ano10-39, Ano10-42, Ano11-42, Ano11z, Ano12-33, Ano13-47, Ano13-44, Ano14z, Ano14-35, Ano15-38, Ano15-34, Ano16-43, Ano16-42, Ano17-28, Ano17-42, Ano18-33, Ano18-36, Ano19-36, Ano19-39]. **AQP1** [KH19]. **aquatic** [NTED+19, QA15, Whi11]. **Aquilaria** [LCQ+18]. **Arabidopsis** [BHH+14, HNA15, MPP+15, Mit16, MBK+11, MBKB13, MLL+16, OFT15,

SCÁBM10, SCÁBM11, SSI+16, SDRA+15]. **arachnid** [FWSG17]. **arbitrary** [CM14, DNB12, KS15, SWG+15]. **arborescence** [HB12b]. **archaea** [SGD+16]. **archaeal** [LY14]. **archetype** [Hou13]. **architecture** [CRLH+19, DKP+18, KOF+14, KSM+15, MBKB13, PDNP16, RW14a, ST16]. **area** [BH13a, GABM12, IMH15, NdORC11, TAI+18, TLM14, WCF12, ZGG+19]. **area-concentrated** [BH13a]. **areas** [KG13, KMCJ17, KJ15, TM14, Tak16]. **areata** [DPC15]. **Argentine** [RRBM12]. **arginine** [AKR+18]. **Argulus** [MNH+12]. **argument** [ER12]. **arguments** [Di 17b, RW14b, ASH15]. **arise** [Ell15, LRA+13]. **arising** [APW10, BPP+16, DD13, ZW16]. **Arkansas** [GAY+15]. **armadillo** [DS15b]. **armed** [Mor19]. **Arms** [IST11, CL10]. **Armstrong** [XF13]. **army** [GK17, GKWG17, TD17]. **Arousal** [PRK13]. **arrangement** [YM14]. **array** [QYO10]. **arrays** [WRH+16]. **arrivals** [BBR12]. **arsenic** [SAKG13]. **arsenicals** [BTF19]. **art** [MDB12b]. **artemisinin** [CKZ+17]. **artemisinin-induced** [CKZ+17]. **arterial** [JSK16, Js12, LFD11, Ren13, ZLZ+11, ZR16]. **arteries** [AV19, DLMK12, LZWK11, MH14, Van15, VSW10]. **arterioles** [LH13]. **arteriovenous** [FWR19]. **artery** [DPCM16, MAR+17c]. **arthritis** [MF19]. **arthropod** [FMS+10, YLY15]. **article** [JN14, gSxFH+12]. **articular** [HRG11, SABB15, WGS15]. **Artificial** [GM16b, IL12, AJC12, CLG+10, CLG+11, GMK18, HL19, LCMC14, MFM16, Sal15, XSKA17]. **artificially** [Bry13]. **artiodactyl** [OB15]. **aryl** [TAR16]. **Ascaris** [CH18]. **ascendency** [BJ17]. **ascorbic** [BRK16, Edg19]. **asexual** [FOT+15, JJ17, Jam16a, MO12]. **Asia** [TDM14]. **Asia-pacific** [TDM14]. **aspects** [BBJ+10, BHR10, Cro17, Ger16, LDF+11a]. **Aspergillus** [GT11a, GS13b, KHS13]. **aspiration** [MN11, TM12]. **assay** [DAA17, HYN19, IGL+12, TLT+15, TSMB14]. **assays** [HPM+17, JSP+16, JRB+16]. **assemblies** [Kur10, KI15, ML14]. **assembly** [CC11a, CCB11a, CPH+14, Dun11, EJ16, FWSG17, MH18, Mou12b, MKF+14, MSIR10]. **assess** [FKB+12, KCJ+11, PGH11, RFME+12]. **assessed** [SWPC+16]. **Assessing** [BLV18, CDM+14, GML10, HLH+18, KCZ+19, LDdA+13, MHKA16, PZLF19, PRM12, TGZF11, ZJY19]. **Assessment** [Kro10, LG18, WHS+13, CC11b, GT11a, HFD17, LFW+18, NNK+15, OSN18, Pan11, SN16, Sig12, US10]. **Assessor** [CCNT19]. **assignment** [dEG11]. **assignments** [DS19b]. **assistance** [KSBvL+12]. **assisted** [BB13, KSK+16, LSLL13, RMRC+16]. **associated** [AD15, ADS+19, AFM10, BRA15, Ber14, BB19, CRH+15, CST+12, HBSF11, KEHK17, Kri18, KKS+14, LZG+19, LMHF13, NBW10, NBW11, OABI12, PS13, RRG+10, RRC+11, RFdL15, SRP16, Voe18, WDL+17, ZK18, ZDF+12, ZXS+19]. **Association** [RMM+16b, AKR+18, GZ19, HMWB13, LCG12, PS13, Sar10, Sha14, TDZ+18, ZK10]. **associations** [PSAA13, Van16a]. **associative** [GJ10]. **Assortativity** [NR16, PPM12, PMP13]. **Assortment** [CAV16, AS12, BBD18, VMZK+19]. **assumption** [LJW+16, RR16, XGZ17]. **assumption-free** [XGZ17]. **Assumptions** [TWP16, MMB14, SWPC+16].

asthma [Don16, SGDL12]. **asthmatic** [Don17, PDT+10]. **astragalus** [PRSC11]. **astrocyte** [LL13b]. **astrocytes** [ABJ12, PRV+14, ZMAM19]. **astrocytic** [KPD18]. **Asymmetric** [HSM19, HFT+18, PGKZ17, ROF17, CLA17, DGJ14, LS15b, Lee16b, MG10a, yTRSC13, Mig16, MAA+17, NdlPZA10, NTFK11, RPD14, ST16, Sel13, Sht17, TWW19, UI10]. **Asymmetrical** [FCC+10, MDS16]. **asymmetrically** [RKMG12]. **asymmetry** [DB18, DZE11, HTT19, Hor13, KMZR18, KJ11a, MS14b]. **asymptomatic** [Gru18]. **Asymptotic** [MAFK12, BP18, DGW+18, Rei12]. **asymptotics** [LK19]. **asynchronism** [GC11]. **asynchronous** [SAA10]. **Athel** [HS16]. **atherosclerosis** [Fok12, WBMM18]. **atherosclerotic** [BD12, FBM19, GCYL18, KDMD13]. **atmospheric** [AK11]. **atom** [Mas18, MIH16]. **atomic** [FTS15, Woh15, ZSW11]. **atomic-resolution** [ZSW11]. **atoms** [MPY14]. **atopic** [TDHC+18]. **ATP** [BFGS10, CPS10, CW11c, MS14a, MS18, PMK15, STNT17]. **ATP-binding** [MS14a]. **ATP-sensitive** [CW11c]. **atrial** [LWB+15, RLSM17]. **attachment** [FPG11]. **attainment** [DGJ15]. **attempt** [Mal18]. **attenuate** [RS12]. **attenuation** [JYY+18]. **attitude** [SN11, SN14]. **attitude-behavior** [SN14]. **attitudes** [MJI14]. **attract** [Arc11]. **attractant** [RG10]. **attraction** [Str11]. **attractive** [KAN11]. **Attractor** [SAA10, HXL16, HXL18a, WCF12]. **Attractors** [SVB+10, HRCA19, JZL13]. **attribute** [Cho11]. **attrition** [IK16]. **atypical** [Dol19]. **AUC** [BJ18]. **auditory** [Lug15, ZKMB19]. **Aug** [MR19]. **August** [Ano10-37, Ano10-45, Ano11y, Ano11-44, Ano12-28, Ano12-40, Ano13-43, Ano13-45, Ano14-32, Ano14-39, Ano15z, Ano15-46, Ano16-32, Ano16-40, Ano17-33, Ano17-45, Ano18y, Ano18z, Ano19-49, Ano19-29]. **aurantia** [AK11]. **aureus** [PDW10]. **Australian** [RSC14]. **autapse** [WSLC14]. **autism** [Jam14, Jam16b, VHM+17]. **Auto** [BPG+18, HGB+13, ZL18a]. **Auto-correlated** [BPG+18]. **auto-cross** [ZL18a]. **auto-regulation** [HGB+13]. **Autoantigen** [PBP15]. **Autocatalytic** [GS17a, Hor17, GFH+18, SHS13]. **autocorrelation** [HM11b, XLL+10]. **autoencoders** [NK18]. **autoimmune** [AN10, AN13, BN15, JDSPK15, LHW14, PBP15, RB15, RBF15]. **Autoimmunity** [Coh15a, BN12, LPB17, LPB18, MBF+15, MM15a, SI11a, Tau15]. **automata** [GMOP12, MMAS13, SZ18, WMD16, ZZS19]. **automaton** [BCPG18, CLCH10, PGHC12, SHB+17]. **autonomic** [WHS+13]. **Autonomous** [WZJ+13]. **autoparasitism** [HYQ+16]. **autophagy** [JL16]. **autophosphorylation** [DMP15, HKS15]. **autoreactive** [JDPK15]. **autoregulatory** [Das13]. **autorotating** [SIHO15]. **autosomal** [Sek12]. **autotrophs** [CG10]. **auxin** [FKB13, HTM15, MPP+15, MBK+11, MBKB13, SLC12]. **availability** [AR17, TRJD19]. **available** [ASF+15, TT17]. **Avascular** [KHP+12, BJO+16, BAM+11, LS15c, VDD+17]. **avenues** [SSJK18]. **average** [FL12, FL13, GDF18, KTI18, LM15, NWZ15, VL11, ZCAB17].

average-level [NWZ15]. **averaged** [ZCS+15]. **averages** [BCK19]. **averse** [MSBB13]. **avert** [AK15]. **avian** [BUL12a, BTW11, CW15b, DGD+11, GBN14, JMS12, Oko16, PHH18, RC16, XSTW14]. **avidity** [JDPK15]. **avium** [AMSSG16, AHMA+19, CRH+15]. **avoid** [Car17, MB18c]. **avoidance** [CJRR11, Che12, TB18, Veg10]. **Avoiding** [LSS+14, CW14, NTY16]. **aware** [RCL16, SMD+16]. **awareness** [ABR19, Esc11, FGJ10, JKS15, ZN18]. **axial** [BBS18b, SA17]. **axiomatic** [MP16, OWB14]. **axis** [CMJD11, KL18, SSKK17]. **axisymmetric** [HPP10, POP12]. **Axonal** [LM15, DHHP14, ML12b, SL19]. **axoneme** [CTPB10, CL10]. **axons** [KK17b]. **ayu** [TIY+11]. **azar** [MCCC+10].

B [HSiI+19, KB11, SQZ+16, ZZR13, ABD+15, AD15, ÁTC+14, CKB18, GM13, GC18, HSiI+19, Jam11, KB19, LZY+15, MR11b, MG15, MSL+16, NS11, Nak16a, PaCZ10, TC11, TCYY+12, WPH+12, ZBA14, ZZR10, ZRZ15]. **B-cell** [KB11, SQZ+16]. **B.** [ZCSRG12]. **B19** [KEHK17]. **Babesiosis** [ABB+19]. **Bac2A** [BC19]. **Bac2A-derived** [BC19]. **BACE1** [HRHAAA15, SK19]. **Bacillus** [KJM17, BMGC11a, BMGC11b, BLP10, RBSD10]. **back** [IIKT13, WCM15]. **backbone** [LL12, NSBL10]. **Background** [Abb10, BCKS13, DZW10, HTN14, HG18a, Lug15]. **backgrounds** [SBJ+18]. **backward** [BSKV18, Ger16, UPWK15, ZTT18]. **Bacon** [RRC+11]. **BacPP** [dEG11]. **bacteria** [AES+13, BMN16, CFT11, Dai12, DHV19, FE11, HK17, Kee10, LW17, MCWF14, Mic15b, NS18, NGS+16, OUMA10, Sht17, SGD+16, SCLC13, TDKJ15, WST15, Wu14, Zuc14]. **Bacterial** [AABS16, JS17, JS18, Sch17, Sch23, TDKJ15, dEG11, AAJGCD15, BCKS13, BCPG18, BKPV15, CEdLSG+16, CXC18, DBD15, FWMC14, FIJJ11, GSYS10, GCvWE+14, HLS+12, JS15, KDFM14, KAKK19, LDHD14, LG10a, LZ18, MBCM12, Mor11, MKPVH16, NvD17, SRD+15, SC10b, SMS19, SPRF13, YSI18, YGL+10, ZDF+12]. **bactericidal** [XLG+15]. **bacteriophage** [ESG10, SSSD17]. **bacterium** [GGGM16]. **BAD** [HBSF11, YLWZ10]. **bagoti** [RSC14]. **balance** [BUC14, CNDK15, HS14c, KTH16, MO12, PDRC16, STNT17, SSI+16, SMdA16, Vaz10, VMZK+19]. **balanced** [IIKH16]. **Balancing** [CB16, TED10, CXC18, KOS13]. **Baldwin** [SSF15]. **balloon** [ZLZ+11]. **banded** [BS19b]. **bandit** [Mor19]. **bands** [HSG+18]. **bank** [GCvWE+14]. **Bap** [SRP16]. **Barber** [Ou19]. **barcodes** [LLC15]. **barcoding** [Bar18]. **bare** [BCF19]. **bare-nosed** [BCF19]. **Bargaining** [Ros13, GK10]. **bark** [KLB+16]. **barley** [DKP+18, OFB10]. **barnacles** [YYST13, YHI14]. **Barr** [HR12]. **barrel** [Pat19]. **barrier** [HPM+17, MYN+13, MAM16]. **basal** [RLM+14]. **Base** [Tri10, LF10, PM14]. **Based** [GCB17, LPGTBMA19, LMJ+18, MOSS15, ZKMB19, ACR+17, AOM19, ACdlRMR+11, AH19, AMSSG16, AA16, BRA15, BKR14, BSV+10, BYY+11, BWS10, BJ17, BPF+19, BCS+16, BRK19, CS14a, CSR+05, CCG+18, CLC11, CZW+11, CPH+14, CA17, CDD12, CZPC+18, Cro18, DJD10, DHS+15, DWL+14, DQS+15, DSPM14, Di 16, DYQ+14, DXW+16,

DBG18, DZW10, DDB10, DZE11, Est10, FJS+19, FP18, FHW+10, FBAPMD13, FLCS+15, FM15a, For10, FYZ15, FPR10, GK16, Gal10, GVGC15, GZ14a, GZ14b, GSYS10, GW13, GdGL17, GBC+16, GJ15b, GGGM16, lGLLL14, GGX+10, GSN+11, GGCJ16, GZ19, HGM15, HB12a, HNO18, Hay16, aHLZ+12, HFT+18, HS12, HLS+12, HXL18b, HZC+10, HZWH10, HMM11, HYW11, HKR+19, HM13, IMD16, Jab10, JM12, JAM18, JWS+10, JZ17, JSSZ12, JR17a, JB11, JO13, JLH+15b, KPK+13, KKOM18, KAPR12, KBV11, KBV12, KHK+17, KHNM16]. **based** [Kit10, KCJ+11, Kon17, KSRN19, KMM18, KCD11a, KJSS10, KF15, KDK14a, KDK14b, KP16, KLHS17, KBF18, LJM15, LTSTD15, LFW+18, LFM14, LX10, LLZ13, LLW+18, LDWW14, LTL+15, LPH19, LZMM15, LC16, LSSG10, LDH+14, MS14a, MCL19, METC12, MJ11, MSND12, ML09, ML12a, MBE10, MMAS13, MV10, Mas18, Mas12, MA13, Mau15, MBBD13, MAFK12, MZAI19, Mei12a, Mei12b, Mei13a, Mei13b, Mei14, MFG14, MP12, MIH16, MGM13a, MGM13b, Möl12, MP14b, MKF+14, MAFB18, MR18, MR19, NdMLLBLC13, NGND12, NBL10, NSO15, NKM+12, NYSM12, Nos14, Oko16, OYY16, Opr10, PDM17, Pat16, PFJS15, PG18b, PWHW16, PRMH14, PMD+18, PKH11, PSAA13, QW11, QLZQ11, QZ14, QW12, QLWC19, RRG+12, RBMS17, RA10, RMRC+16, RC11, Rev15, Rog19, Rou14, RBMPP+15, RG12, SA17, SM17a, SL10, SK15, SK16a, SHB+17]. **based** [SMG18, SMS19, SNY+13, SSD12, SGDL12, SG15b, SOF16, SCS10, SH17, SDPC11, SRAL12, SAZ+14, SQZ+16, SNCM12, SA14, TTG19, TWR+18, Tak17b, TF17, TCB13, UPWK15, Uit11, dlRVFK+16, VG13, WL13, WMK15, WW12b, WY13, WMCL18, WZ17, Whi11, WK18b, WXC10, WGDZ18, XLL+10, XM11, XNW17, XSCS12, YZMY18, YZW10, YZZ12, YZFY16, YYC19, YC13, YC15, YS11, YHY14, YZ19, ZMS11, ZOG14, ZJSC16, ZT16, ZZC+17, ZDY11, ZC14, ZMS17, ZLDZ13, dF13, dSRM15, ANMH11, Mil11]. **basement** [DFC+12]. **bases** [XM11]. **Basic** [CCAdS13, JD13, PLF18, BPP+16, GBRS19, GHS18, GHS20, LLW15, MCN10, SS11, Wal10, WDL+13]. **Basis** [IU18, Gri11, Kam11, KAZ13, MGC15, NS16, NHM10, PG18a, Sat17, Uit11, VBD10, YW13b]. **bat** [BLS+12, KOS13, MSB16, VP18]. **batch** [Aya12]. **bats** [LLD+17, LA15, MHSH12, VP18]. **baumannii** [RRG+10, RRG+12, SRP16]. **Bayes** [HTK14, MKBE17a, MKBE17b, SSP15]. **Bayesian** [Bac15, BSB+13, CR14, CLW12, DGM15, DRPM17, GBIR13, GMR16, IS12, KEG17, KBF18, LTS+16, MS14c, RM17b, SS15d, Ste13, VM12, Wal12, ZMC+18, vLFM+19]. **Bayesness** [MKE15]. **BCG** [BMGC11a, BMGC11b]. **Bcl** [HBSF11]. **Bcl-** [HBSF11]. **BCR** [TCYY+12]. **BDNF** [LRA+13]. **Be** [SYI17, Di 12, Di 18, GCM14, GvVT14, Gri15b, HC17, Har15, HKM12, Jen10, KNA+18, LDA13, LPH19, Mar11, MN12, MBLC17, MALAN17, OO11, PDC+17, PW18a, RDD14, RW14b, Sch19b, SWPC+16, vVLS14]. **beak** [SYR11]. **beam** [She11a]. **beard** [Lai11]. **beards** [GvVT14]. **beat** [WMPF+15]. **beat-to-beat** [WMPF+15]. **beautiful** [BD10b]. **because**

[Di 14a]. **Becker** [DFMR19]. **become** [BH13b, YSYI13]. **bed** [ADB+13, NDZMA14, NMAZP16]. **bed-net** [ADB+13, NDZMA14]. **bed-nets** [NMAZP16]. **Beddington** [GG12, GG14]. **bednet** [PRM14]. **beds** [BSMK11, SM16]. **bee** [BIMC17, MKJS13, NPS10]. **beehives** [STKE12]. **been** [BM14, Di 14b]. **bees** [SOIO10]. **beetle** [APS+13, APBS15, KLB+16, Whi11]. **beetle-fungus** [APS+13, APBS15]. **beetles** [BBR12, FKMG15]. **before** [ARB13, CBC17]. **behalf** [LPH19]. **behaving** [CCG+18]. **behavior** [ADCG14, AA12, Alv18, AdGM12, BPFR16, BBP13, CW11c, Che12, CSM+14, CCdS15, Cox10, Déb17, FAFA17, FHM18, Fre10, GWCA14, HE16, JLQ+12, KDG13, KMZR18, KOS13, KMM18, LDF+11a, LRA+13, MMAS13, MPP+18, NBS+13, OYIM10, OVKL14, PaCZ10, PJ18, SGGHS19, SN11, SN14, SPG+18, SPH12, SH17, SSKK17, Tac10, TLK19, WSW10, WCHC11, WYL+18, XLSF19]. **behavior-** [SPG+18]. **behavior-induced** [MPP+18]. **Behavioral** [Akç12, Kři13, Abr14, CA17, Cre10, HAH19, IDI11, ISB+11, LXJ15, MKJS13, MMRCCC10, Ran12, RW15b]. **behaviors** [LLLV11, LLL13, QJR+16, RN12, SHW16, TM15a, WHWZ18, ZG10a, ZG10b]. **behaviour** [ACH15, ADR+11b, ASL+18, BB10, BAR14, CJKR10, EME+16, FD11b, GA16, Hor11a, JAB18, LDM16, PB18, PCN17, TB11, TCB13, Voh17, WPPD16, ZLB+18]. **behavioural** [DBD12, FGJ10, NvD17, WL12c]. **behaviours** [Eft13, WWIG19]. **behind** [TF17]. **belief** [DWL+14, Kur17, TI12a]. **belief-based** [DWL+14]. **believer** [HLI15]. **believers** [SGA+12]. **bells** [HM15]. **benchmarking** [PPF17]. **bendability** [Tri10]. **Bending** [CTPB10]. **bends** [HRG11]. **beneath** [DFC+12]. **Beneficial** [LDF11b, HKM12]. **benefit** [VGZS18]. **benefits** [ARB13, HM15, JA13, Moo14, NT10, PBA12, RMB15]. **benthic** [JB18a]. **benthic-pelagic** [JB18a]. **benthos** [QA15]. **Bernal** [Pia19]. **Bernoulli** [Pia19]. **Bertalanffy** [OYA14, RRRTR10]. **best** [LN13, GDPPSS+11]. **Bet** [MHF+13, Uit11, YY18, MGT17]. **Bet-hedging** [MHF+13, YY18, MGT17]. **beta** [CJ12a, HDZ+19, JDSPK15, Mau15, She11b, ZDG+10]. **beta-cell** [JDSPK15]. **beta-helix** [She11b]. **beta-sheet** [Mau15]. **beta-strands** [CJ12a, ZDG+10]. **better** [Hou15, HXL18b, RAAS15]. **between** [ASC16, AGB+14, ABKS11, ARG14, AH12a, AHW13, ARB13, BYJ17, Bal13, BTO14, BAGG14, BST14, BZJP18, BMN16, BLZ+19, BMB+18a, BL14, BYM+18, CPGF+16, CFZ14, CCS+16, CK17, Das18, DBBW09, DBBW11, DI13, DD13, DAA17, Di 19a, DBG18, Dol16, DDS13, DPCM16, DHT16, ESW13, FD18, FB18a, FE10, Fil15, FVTS16, FZL18, GMZM15, GZT12, GCB17, GML10, GLZ+11, GBM18, GZY12, GN10, Gün12, Gün13, Han10, Has14, HHSA15, IK15, IST11, IOY15, JC10, KTI18, KL13, KCMF11, KLM14, KMCJ17, KN11, KG12, Kro10, KSPA17, LL17a, LV17, LDH+12, LKP+12, LM14, LMCW18, LPF11, Lug15, MZWC10, MVGGB18, MGML10, MGO+15, MK16a, MW14, MK19, MS18, MBLC17, Miy17, MD16, MSS10, MLL+16, NGN13, NG11, NMAZP16, NTOI16, Ots11, PSJ15, PBB10, POP12]. **between** [Pel18, PB18, PL14a, PL14b, PB16, PBA12, Ram10, RPD14, RS19,

RCD19, SW15, SGGM11, Sek12, SN11, Sel10, Sel15b, SS15a, SQS+12, SZ15a, SZ16, SC12, SAB17, SOF16, SKK+11, Str13, SK16b, SP14, SYY17a, SYY17b, TP14, TZY18, TK10c, UK17, VMZK+19, Wal16, WSP14, WHT17, WZ18, WK18a, WZWY11, XCW+18, XLSF19, YZW10, YZZ12, ZLZ+15b, ZLZ+16, ZLB13, dlEBRM15, vLBJ+13, vNÁBG12]. **between-host** [CFZ14, LMCW18]. **Beyond** [AE17, CP14, KDST15, KGC18, HMW16, WF18, Pag19]. **BFDT** [GJ15b]. **bFGF** [TBMM19]. **bi** [ATRR10, DFMR19, HTK14, RSC14, SYI17, SLDP13, KHK+17]. **bi-directional** [SYI17]. **bi-gram** [HTK14, SLDP13]. **bi-modal** [RSC14]. **bi-monomeric** [DFMR19]. **Bi-PSSM** [KHK+17]. **bi-stably** [ATRR10]. **biarticular** [CSB15, Cle18a]. **bias** [GRRG16, IDM15, Jan15, KMCJ17, OL19, PCC15, ZLZ+15b]. **biased** [BWB11, BMF+18, Gar10, IH17, KHKI17, WL15]. **biases** [LY14]. **biclustering** [WY13]. **bicyclic** [SK10]. **BID** [HBSF11]. **bidimensional** [MR10]. **Bidirectional** [FZ14, HHJR11, HKS16, SS15f, WK12, YI18b]. **Bidirectionality** [MK17]. **biennial** [CE17]. **bifunctional** [SBR16]. **Bifurcation** [HS14a, LJ18, TDHC+18, ZZ14b, AJM19, BA10, DLHS11, Ger16, KP16, MAR+17c, TAORS10, UPWK15, VK10, ZTT18]. **Bifurcations** [GFS15, ZG10c]. **bigram** [DLL+17]. **Bihar** [MCCC+10]. **bijection** [LAPK14]. **bijections** [FDS13]. **bijective** [FGGS15]. **Bilateral** [WTQL10]. **bilayer** [KMZR18]. **bilinear** [Don16, MPCTGJ+15]. **Bimatrix** [CK19, Oht10]. **bimodal** [FPD15, TF18]. **bimodality** [Mic13]. **binary** [GJ15b, Mul11, Mul12, QLWC19, TAI+18, UI10]. **bind** [RBRB16]. **binding** [ÅCHS19, AFS19, ÁTC+14, BMSEE14, BZJP18, BGCB12, BF16, BSM+14, FLM18, HG18a, HKH18, JSZ12, JRR+12, JB19a, JLQ+12, KHP+12, KBK16, KGM+15a, KG12, KHH+17, KC11b, LYM+19, MS14a, MPY14, MSND12, NTC+11, NHSX14, NHTS14, OBK+11, PHÁBAI+16, PBvdG10, QQJW13, RSS+18, RG18, SGGHS19, TLT+15, UT17, WB15, WHH17, ZGS+10, ZLZ+15b, pZWZ+16, dS15a]. **Binding-upon-folding** [LYM+19]. **binomial** [Mog15, WKH16]. **binuclear** [RS19]. **bio** [AANF16, DQS+15, GKG+18, MPCTGJ+15, MS10b, NGN13, Sar10, ZZL+11]. **bio-adhesive** [Sar10]. **bio-computational** [ZZL+11]. **bio-economic** [GKG+18]. **bio-inspired** [AANF16]. **bio-macromolecular** [MPCTGJ+15]. **bio-markers** [DQS+15]. **bio-molecules** [MS10b]. **bioactivity** [MR18, MR19]. **biochemical** [AdGM12, Chu18, FMS+12, FVTS16, GM13, HKS16, KMD+12, MK11, MC19, NBC16a, NBC16b, PP12, PP14, RLSN14, SOCF14, TP10c, TLK19]. **biochemistry** [OSF11]. **biocidal** [MW13]. **bioconvective** [ZG19]. **Biodiversity** [SDJ+15, Bar18, DBD15, Edu16, IS10, MB12b, MBRRI19, PMSY17, SCF+18, VY12, WF17]. **bioenergetic** [BBR10, CMGN17]. **bioenergetics** [GSL13]. **biofabrication** [YMW12]. **biofilm** [ALM+19, FWB+12, PWL+11, RRG+10, SRP16, SMS19]. **biofilms** [PBR17b, TGB+18, ZSH+16]. **biofluids** [Zad11]. **biofuel** [AK15, PBR17b].

biogeography [LPP+19]. **Bioinformatic** [Sha14, BBT+15]. **bioinformatics** [ADCG14]. **Biokinetic** [CMM19]. **Biol** [AEM14, BPF15b, BBM+13a, BBM+13b, BPGS12a, BMGC11a, CLG+11, CNG+12, DBBW11, EPJ+11, FIS16a, FS16a, GZ14b, GS14, dOGL13, Gün13, JN14, JRG14a, JRG14b, JCLS+21, KDK14a, KMLT14, LBS+11, LGK+12, Lei10, Lio24, LZT13, LHPF18, LPvSP12, ML12a, Mei13a, Mei13b, MLBA13, Mul12, NO14a, PSS+13, PL14a, SCÁBM11, Sch21, Sch23, SZ16, SSKS20, SC13a, SRAL12, TSM13a, Van16b, WL12a, YCH+17a, ZG10a, ZSCL16a, ZZR13]. **biolarvicides** [PNVN18]. **bioliquid** [AAJ15]. **bioliquid-filled** [AAJ15]. **biologic** [RAR19]. **Biological** [Di 10, Fue18, Gra15, MM15b, PGHC12, AAGO+17, AKNP18, BPP+16, BMI19, Bar11, BBWS+13, BHP17, BHLH12, BE14, CCG+18, CMBP19, CNG+12, CG11, DB10, DS16, DG10a, Dra19, Est10, FPG11, FDM+11, GI15, GE18, Gre16, GSN+11, HRC+12, HM10b, HZWH10, JPDP10, KSA16, Kit10, Kon17, KMM18, Kro10, LCSH14, LLS+15, LBB+13, LDH+12, LLZ13, MK18a, MRPLAS15, MPK+12, MdSPBL16, Mit14, MROS15, Mor16, OO18, OA12, PAK11, PBEI12, PR13, RGBR17, RHJ11, RKMG12, SSD13, SK15, SS19, SWTO15, SY11, SVA18, SLO10, TM16, TK19, TZY18, TF17, Tou14, Tsu19, VGPS18, Wal10, WTQL10, WST15, YZW10, YW13a, ZZ14b, ZGW16, vdSS12]. **Biologically** [DWG+19, WMT10, APW10, Cle10, LDJW16]. **biologist** [Sza15b]. **Biology** [DHK13, EJ19, GHS20, JS18, LPB18, PCT19, Pan19, PP19, RTEKG19b, RTEKG19a, SYY17a, WLW20, AENK12, Ano19-27, DGW+18, GMM+13, Gri15a, KCE+11, LA12, Mal18, MMLK11, PBRW11, PJL14, SS19, TT17, WSM12, dlEBRM15]. **bioluminescent** [FL13]. **biomacromolecule** [ZM10]. **biomarkers** [QZ14, ZZC14, ZC14]. **biomass** [MR10, PMKM10, RHT18]. **biomaterials** [Zad11]. **biomathematical** [RRL+13, SGL10]. **biomechanical** [TF15, VF12, YWP13, dLMD+11]. **Biomechanics** [CEP14, PWC+12, ZTK12]. **BioModels** [BFS18]. **Biomolecular** [ZLY+13, LCG12]. **biomolecules** [Cha17]. **Biophysical** [AH12a, BKSW16, FM15b, HRG11, KG15, PDG17, SSZR17, TALC16, ZCA+14]. **BioPlex** [YWZ+16]. **biopoiesis** [Pia19]. **biopolymer** [FK16]. **bioreactor** [CWB+17, SSR+19]. **bioremediation** [RAAS15]. **biosensor** [PDNP16]. **biospheres** [NWWL17]. **biosynthesis** [BP18, BSM+14, BLP10, FD17, MB14, Pie12, PCS+18]. **biosynthesis/inactivation** [Pie12]. **biosynthetic** [FD18]. **biosystems** [Dun11]. **bipedal** [SHW16, ZHAK14]. **bipedalism** [PC17]. **bipedally** [PC17]. **bipolar** [HGM15]. **bird** [ASL+18, BORA10, GZT12, Ush16, vLSBBD11]. **birds** [AFD+17, BH12, EzMMH18, GWCA14, Hur12, MSBB13, MHSH12, YY18, ZXH19]. **Birth** [CMMR13, LG10a, SGB19, CHK16, Hal12, Jam12, Jam13, JV14, KMH19, LL18, Par19, PMP13, RAD14, Sta10, SGW+18, WZ15, ZWvG10]. **Birth-and-Death** [SGB19]. **birth-death** [Hal12, RAD14, Sta10, SGW+18, WZ15]. **birth-processes** [Par19]. **bisexual** [AGM11]. **bisigmoid** [VLFF12]. **bisphosphate** [Bar19]. **Bistability**

[Dil14, JCLS+11, JCLS+21, LAH+16, YT12, BKL14, GGG19, HIT18, SC13a, SC13b]. **bistable** [AKS+19, DD13, Gol10b, JZL13]. **bite** [SCF+12]. **bivalve** [Alv18]. **black** [SJSK18]. **bladder** [BMGC11a, BMGC11b, MSA+16]. **BlaPred** [SKK18]. **BLAST** [DYQ+14]. **bleaching** [CMGN17]. **bleb** [WGO+15]. **blending** [Gar11]. **blight** [CLK18]. **blind** [AGM11, GGM12]. **blind-mating** [GGM12]. **blips** [OMO13, STA15, WR14]. **blister** [LK15]. **block** [ZMNd+10, ZCAB17, HHD+16]. **blockers** [Ken19]. **blocking** [NTC+11]. **blood** [AV19, AOM19, CXWL11, CPS19, CKZ+17, DK13b, DLL+18, EBP15, GDF17, GDF18, GMMN18, HPP10, HII+19, HRHAAA15, HSLW16, KCD11a, KCD11b, LDB+14, MAM16, OPS+19, PIT12, PFJS15, POP12, QF10, SPMGR10, WFM+13, WFC+14, ZCT18]. **blood-stage** [CKZ+17]. **bloodstream** [Voe18]. **bloom** [JSWY19]. **bloom-forming** [JSWY19]. **blooms** [Ric17, STI13]. **blow** [CP14, GGG12]. **blow-up** [CP14, GGG12]. **Blue** [TF16]. **bluefin** [TTW13]. **Bluetongue** [CSLE11]. **blunt** [Gha16]. **BMP** [vHHKB14, ÅCHS19]. **boar** [CR14]. **Board** [Ano10a, Ano10b, Ano10c, Ano10d, Ano10e, Ano10f, Ano10g, Ano10h, Ano10i, Ano10j, Ano10k, Ano10l, Ano10m, Ano10n, Ano10o, Ano10p, Ano10q, Ano10r, Ano10s, Ano10t, Ano10u, Ano10v, Ano10w, Ano10x, Ano11a, Ano11b, Ano11c, Ano11d, Ano11e, Ano11f, Ano11g, Ano11h, Ano11i, Ano11j, Ano11k, Ano11l, Ano11m, Ano11n, Ano11o, Ano11p, Ano11q, Ano11r, Ano11s, Ano11t, Ano11u, Ano11v, Ano11w, Ano11x, Ano12a, Ano12b, Ano12c, Ano12d, Ano12e, Ano12f, Ano12g, Ano12h, Ano12i, Ano12j, Ano12k, Ano12l, Ano12m, Ano12n, Ano12o, Ano12p, Ano12q, Ano12r, Ano12s, Ano12t, Ano12u, Ano12v, Ano12w, Ano12x, Ano13a, Ano13b, Ano13c, Ano13d, Ano13e, Ano13f, Ano13g, Ano13h, Ano13i, Ano13j, Ano13k, Ano13l, Ano13m, Ano13n, Ano13o, Ano13p]. **Board** [Ano13q, Ano13r, Ano13s, Ano13t, Ano13u, Ano13v, Ano13w, Ano13x, Ano14a, Ano14b, Ano14c, Ano14d, Ano14e, Ano14f, Ano14g, Ano14h, Ano14i, Ano14j, Ano14k, Ano14l, Ano14m, Ano14n, Ano14o, Ano14p, Ano14q, Ano14r, Ano14s, Ano14t, Ano14u, Ano14v, Ano14w, Ano14x, Ano15a, Ano15b, Ano15c, Ano15d, Ano15e, Ano15f, Ano15g, Ano15h, Ano15i, Ano15j, Ano15k, Ano15l, Ano15m, Ano15n, Ano15o, Ano15p, Ano15q, Ano15r, Ano15s, Ano15t, Ano15u, Ano15v, Ano15w, Ano15x, Ano16a, Ano16b, Ano16c, Ano16d, Ano16e, Ano16f, Ano16g, Ano16h, Ano16i, Ano16j, Ano16k, Ano16l, Ano16m, Ano16n, Ano16o, Ano16p, Ano16q, Ano16r, Ano16s, Ano16t, Ano16u, Ano16v, Ano16w, Ano16x, Ano17a, Ano17b, Ano17c, Ano17d, Ano17e, Ano17f, Ano17g, Ano17h]. **Board** [Ano17i, Ano17j, Ano17k, Ano17l, Ano17m, Ano17n, Ano17o, Ano17p, Ano17q, Ano17r, Ano17s, Ano17t, Ano17u, Ano17v, Ano17w, Ano17x, Ano18a, Ano18b, Ano18c, Ano18d, Ano18e, Ano18f, Ano18g, Ano18h, Ano18i, Ano18j, Ano18k, Ano18l, Ano18m, Ano18n, Ano18o, Ano18p, Ano18q, Ano18r, Ano18s, Ano18t, Ano18u, Ano18v, Ano18w, Ano18x, Ano19c, Ano19d, Ano19e, Ano19f, Ano19g, Ano19h, Ano19i, Ano19j, Ano19k, Ano19l, Ano19m, Ano19n, Ano19o, Ano19p, Ano19q, Ano19r, Ano19s, Ano19t, Ano19u, Ano19v, Ano19w, Ano19x, Ano19y, Ano19z]. **bodied** [RW14b]. **bodies** [SSS17]. **body** [Bur10, CAG13, Che16, CLP11, Hor11a, LCHMP16,

Mas18, MAFB18, Nij11, RGCML10, WSRG18, ZEJA11]. **body-size** [CAG13]. **Bohr** [Oko15, Oko16]. **BOLD** [DHRA10]. **Boltzmann** [MAR+17c, WGH+14]. **bolus** [dLMD+11]. **bond** [GY19, GMMN18]. **bonding** [KJH+19]. **bonds** [GZY12, LF10, MdFDM10, MBC+12a]. **Bone** [RM17d, VH11b, ASH15, AOM19, BPGS12a, BPGS12b, Bue15, CGvG+15, CLA+16, CGRRGM+16, FGAM12, JTSG14, KLN+12, MH13, NHE+16, PZS+10, POLT12, PVGA12, RHJ11, SSS15, SAB10, TKTB18, Van16b]. **bones** [BFGAGA16, Mil16]. **Boolean** [ML12a, BJJR10, DHT19, DRC11, FK18, HXL16, HXL18a, HRCA19, LWH+11, LT11, ML09, MBLV10, MPT19, Ric19, SAA10, SVB+10, VC11, WDN+19]. **boosting** [DFM+14, LHFM16, RAF+19, XXD+17, ZZN+19]. **boosts** [Cor18]. **bootstrap** [KK17b]. **border** [GM16b]. **Bordered** [Non10, SR10]. **Bordetella** [FGH+14]. **borehole** [MCWF14]. **borne** [BPR15, BZ10, CBC+18, CG11, DDSDW13, MCRG18, MRPH17, MS12b, MYOS14, MW13, PKZ12, ZLT+19]. **Borrelia** [ÅCHS19]. **both** [BBS18b, BHBR12, CW14, Don17, DDS13, EG10, FD18, GSF13, HY13, Lei09, Lei10, Moo14, RTR+13, TH17, XWC11]. **bottleneck** [DRPM17]. **bottlenecks** [CW15c, NT14]. **bottom** [KP12, QA15, SH17]. **bottom-up** [KP12]. **Botts** [JLQ+12]. **Boubaker** [DZJR10, Mil11]. **bound** [SS17b]. **boundaries** [CF11, CKNB19, ESS19]. **Boundary** [WWIG19, YM16, BPS19, CFCM13, DHHP14, Fok12, HSG+18]. **Bounded** [XWZ10, CA18]. **bounding** [Sac13, Ush16]. **bounds** [Lev14, PP12]. **bouts** [PR17]. **bovine** [ABB+19, BVJE17, BSR+11, POK+12, SSS15, vLFM+19]. **Bowden** [HS16]. **bowel** [WBRHE10, YXH+14]. **box** [DCL18]. **boxes** [HHJR11]. **BPES** [Mil11]. **brachiopod** [SK11a]. **Brain** [GLOC10, RPGG+19, AOT+11, ÁTC+14, BBJ+10, BTO14, CCS15, CRGS18, DLHS11, HMM16, IBB+15, KCJ+11, MA11a, MAMEA15, MvAKR17, PJ13, Sat18, SSH+19, SHM+18, SPG+18, ZLL+12]. **brainstem** [PR17, ZKMB19, ZAL+19]. **brake** [CST19]. **branch** [CS15a, SS12a]. **branched** [LMdL11]. **branches** [CLK18, MS12a]. **branching** [AGM11, CMMR13, DDHM12, DI10a, GL18b, GGM12, ID14, IS16, LSMC18, LLS+15, LG19a, MB12b, NKOS11, OBE+17, Par15, POW17, SCsMzX18, SK18, WL14, WK18b, ZCS+15, vE11]. **brassinosteroid** [AP17]. **brave** [PP17b]. **Brazil** [DCR18]. **Brazilian** [PLF18]. **BRCA1** [DM11]. **BRCA2** [RMM+16b]. **Breadth** [All11, CP11]. **break** [BKL+15]. **breakage** [KDL16]. **breakdown** [ABG+13, Zha15]. **Breaking** [yTRSC13, Len14, SWSLMJ19, SG18, TM15a]. **breakup** [GMNY14]. **breast** [BPF+19, DM11, DLM+19, HP16, HZL+13, KPEK14, LLC15, NWB+10, NJP18, OOY16, RTRRS+17, RMM+16b, SER+12]. **breath** [HH10, KKU+10, Tra16]. **breath-hold** [HH10, Tra16]. **breathing** [JB19b]. **breeders** [MW14]. **Breeding** [CRLH+19, VDTF15, WK17]. **breedings** [VCF+19]. **Bregman** [WcW14]. **Bribery** [VNS18]. **bridge** [MCL+11, Sos18]. **bridges** [GKWG17]. **Bridging** [OPS+19]. **Bringing** [Mor10b]. **brittle** [LMdL11]. **Broad** [XJ19, HS14c]. **broadcast** [MDB12b]. **broader** [WWB14].

broadly [CDK11]. **brood** [KTO+14, STKE12]. **brood/fungi** [KTO+14]. **brood/fungi-warming** [KTO+14]. **brown** [KSKS13]. **Brownian** [EPP19]. **browse** [OSV+16, YXH+14]. **Bruijn** [WZ17]. **bubble** [Kue16]. **bubble-driven** [Kue16]. **bubbles** [GY18]. **Buckling** [She10, Van15, GF11, LH13]. **bud** [BCS+16, LF16]. **budding** [WKS14]. **Budget** [TTB+18, DB19, EBS11, Fil10, MP13a, AKNP18]. **budgets** [WSRG18]. **buffer** [AHKN10]. **build** [HRHAAA15]. **Building** [HSMCCR19, LFZN11, EJ17, EJ19, Pia19]. **built** [Lüt16]. **built-in** [Lüt16]. **bulk** [CEKM+19]. **bulk-surface** [CEKM+19]. **bumble** [SOIO10]. **bumblebee** [XS13]. **buoyancy** [HN10]. **buoyant** [Ios16]. **burden** [Cro19, GAY+11]. **burgdorferi** [ÅCHS19]. **Burkholderia** [ADCG14, SSRA16]. **burnetii** [CMN+11]. **Burrows** [YZW10]. **burst** [FR14]. **bursting** [MVGGB18, PAOMV17, TAORS10, WTZ+11]. **bursts** [ARG17]. **butterfly** [LLK14, SFT14]. **By-product** [DH16, De 17]. **Bystander** [PMCS16, PSD+18].

C [KB10a, LDB+14, RS19, CM12, DK13a, GN10, KNA+18, LMYL15, LL17b, MVH11, MLT10, Nak12, pNMK+10, RDSD+12, RCL16, SB15, dTKDV15, HWW+14, RFS+15]. **C-element** [pNMK+10]. **c-Met** [KL18]. **c-Myc** [RFS+15]. **c-Src** [HWW+14]. **C.** [Sht17, ZLZ+15b]. **CA** [NTC+11, CFF12, CN12a, DD13, EG10, Gri11, KCZ+19, PRV+14]. **CA-CTD** [NTC+11]. **cadherin** [WGS10]. **Caenorhabditis** [BLZ+19, DI13, OYIM10]. **caffeine** [PFPR11, RRL+13, RLW+14]. **Cajal** [MS10a]. **calanoid** [RL17]. **calcification** [CL19]. **calcifying** [RTFP+17]. **calcium** [AMP12, AHKN10, BTO14, CCF+14, CSM+14, FR13b, GDB+19, IPS14, KLN+12, KSSM11, KSK+16, LSP13, LXZQ14, LO15, MS10a, PSP+12, RG18, SGGHS19, SMZ+17, ST17b, TK10a, WTC10, ZCA+14]. **calcium-activated** [ZCA+14]. **calcium-assisted** [KSK+16]. **calcium-binding** [SGGHS19]. **calcium-buffer** [AHKN10]. **calculate** [MB17]. **calculated** [Mar12]. **Calculating** [KAKK19]. **calculation** [Ayd18, lDsWM+15, HXL16, HXL18a, KFG+14, TMS13]. **calculations** [ZZ18]. **calf** [SZ15a, SZ16]. **Cali** [BLV18]. **calibrated** [METC12]. **Calibration** [AP13a, HM13]. **California** [JMK+17]. **callus** [MFM16]. **Calmette** [BMGC11a, BMGC11b]. **calorimetry** [RBB+12]. **calpain** [NHTS14]. **Calsequestrin** [TK10a]. **CAM** [HBVP15]. **CAMBIUM** [DDB10]. **Cambrian** [GJ10]. **Camelid** [SRP16]. **camellia** [IST11, PWH+13]. **CaMKII** [HKS15]. **CaMKII-NMDAR** [HKS15]. **camouflage** [Abb10, BJB18]. **cAMP** [Mor10a, SN12]. **campaign** [NM11]. **campaigns** [Hou16]. **Campus** [TXY+12]. **Can** [GWCA14, Hou15, KDK14a, KDK14b, MN12, NdlPZA10, PFB10, RM17b, RC13, RS14c, Sch19b, SAB10, SWPC+16, BT17, BH13b, BPG+18, BMV12, BIMC17, BBD18, CV15, CLP11, CNM+13, CW14, DZE11, Ezo19, FXML18, FR17, GvVT14, GF11, Gri15b, HBEW12, HMM17, Hor13, HKM12, Jen10, JA13, JEA18, Kis10, KNA+18, Kor18, Kun16, LWLM18, LDA13, LPH19,

MGML10, Mar11, MGT17, MYN+15, MG17, MALAN17, MAA18, PDC+17, PPBT11, PGPD19, PTB12, PSL+10, RANO10, RN12, Ran12, RB13, RS12, RL15, Sal15, SWR11, TM15a, TIS10, TWH+13, Uit11, VMZK+19, WFW19, YSYI13, YI16, ZSSM14, ZSO16]. **Canada** [MPJH13, WDL+13]. **Canalicular** [KTT+19]. **Canalization** [LFM14, LP12a]. **Canalization-based** [LFM14]. **Cancer** [BST14, Har15, KB15, ZZL+11, AMBH+13, AMFR+16, Ala15, Arc14, Arc16, ARM18, BS15a, BBS18a, BPF+19, BMGC11a, BMGC11b, CWF+16, CCS+16, CLA+16, CBGS18, CvBF18, DDHM12, DL12a, Dim10, DLL+18, DBM+18, DTGC14, DFM+19, DDTL19, DLM+19, EJ17, EJ19, FM10, FM14a, GXFF13, GY19, GLF+15, HP16, HHSA15, HBA10, HA15b, HWPL12, HZL+13, HM13, IHNS16, JMC+10, Kar15, KRDJ15, KPEK14, KP16, LF17, LF19, LDA13, LMW+10, LLC15, LX16, LTZ17, LTZ19, LMHF13, LSS+14, LC16, LXLF14, LDH+14, LD18, MB12a, MM19, MKMG+14, MPZK16, NH19, NGJ+14, NWZ15, NJP18, OOY16, PAS10, PH13, PYG+19, PRN10, PGF11, RMM+16b, SBM+16, SMS17, SFMS16, SCKL15, SOF16, SSN+14, ŚKSRW16, SER+12, TDZ+18, TK10c, VKKA12, VDRL14, WMN18, WCC14, YBH+19, YCL+17, ZWW14, ZMC+18, ZXS+19, dBE16, dSdS13]. **cancer-specific** [SFMS16]. **cancerization** [FLR14]. **Cancerous** [DS15b, RTRRS+17]. **cancers** [BH13c, DQS+15, LZG+19, OPS+19]. **Cancitis** [OPS+19]. **Candida** [HHS+10]. **candidate** [LTSTD15, PPC+17]. **Candidates** [JSC+16, CLC11, SPSM15]. **canine** [HHA17]. **cannibalistic** [LG19a, LG19b]. **cannot** [vVLS14]. **Canonical** [FHM18, Nem17, Sel16, ZGY11]. **canopy** [PAA11]. **cap** [WBMM18]. **capabilities** [ABGM11]. **capability** [SKSO12]. **capacities** [YiTS19]. **capacity** [ASGE14, CCNT19, DN18, KA17, RS14b, VZ19]. **capelin** [EBS11]. **capillary** [AMM16, ASGE14, BSMK11, LRA+13, LDB+14, MAM16, SSD11a]. **Capitalizing** [WMN18]. **capripoxvirus** [Cha18]. **captive** [HK17]. **capture** [DFMR19, GAY+11, JZ17, KA15, Lab16, MNH+12, RB13, VP18]. **captures** [OSF11]. **capturing** [ABKS11]. **carbohydrate** [KF12, MTLW+10]. **carbon** [AK15, HWGT15a, HWGT15b, HWGT17, LRL+16, LCMC14, MF15, TP14]. **carbonate** [HWGT15b, RTFP+17]. **carboxy** [SSZR17]. **carboxy-terminal** [SSZR17]. **carboxylase** [WLD+11]. **carboxypeptidase** [NRS+16]. **carcinogenesis** [LTZ19, RBKW19, WCC14]. **carcinoma** [CM12, GCSP17, METC12, MGM13b, NWB+10, SGGY10]. **carcinomas** [SS17a]. **cardiac** [CPGF+16, CN12a, CF11, ESG+16, GKMC10, GAPK10, HVL11, KCS+15, LFW+18, LdLK11, LW18, MKMT14, NAK+11, OCN10, PW18b, ST17b, VLCT19, VM16, WMPF+15, WMT16]. **cardiomyocytes** [HTK+18, KSSM11]. **cardiomyopathy** [MCL+11]. **care** [Ram10, Sal15, SRV11, SPRF13]. **Cargo** [LKZB15, ML12b, LM15, MK17, SL19]. **Cargo-mooring** [LKZB15]. **Caribbean** [BH11]. **Carlo** [KSK+11]. **Carnivora** [TF15]. **carnivorous** [BJB18]. **carotid** [OB15]. **carp** [KCS+15]. **carrier**

[FKB13, LG18, PWH+13]. **carriers** [BTK14, Jam11]. **carrot** [MR12]. **carry** [PPBD10]. **Carrying** [VZ19]. **cartilage** [LNRK11, SABB15, WGS15]. **cascade** [CCA17, KDG13, MBM11, SK10, ZG10c]. **cascades** [ANY14, ST16]. **Cascading** [SL10]. **Case** [HHA+13, AHD+18, Ant13, ARZ15, BLV18, BR12b, CBC+18, Cle16, EJ17, EJ19, FMS+10, GTC19, HWW+14, HB18, Hou16, KKD18, LBMG16, LWLM18, LS16b, LS10c, MFM16, MRPH17, MPS+11, OO11, OA11, Pav14, PSK10, RCL+10, RP18, RSV10, SSG+19, vV11b, SCS10]. **case-control** [KKD18]. **casei** [RZIR16]. **casein** [SG15a]. **Cases** [HC17, EAN14, KN11, NI11, Rao12]. **Caste** [LF13]. **castrate** [CBGS18]. **castration** [WMN18]. **cat** [PFB10]. **Cataglyphis** [MAW12]. **catalysis** [HS12]. **catalysts** [SP16]. **catalytic** [HS12, KIH16, SMJS14, SLT+18, SK18, WHZ+17]. **catastrophe** [FS11b, dASdC+15]. **catastrophes** [PSV17, Sch18, Sch21]. **catastrophic** [SI10b, WS16]. **categories** [Men12, SNY+13]. **catenin/TCF** [SWR11]. **Caterpillar** [Yam16b]. **catheter** [Voe18]. **cation** [KB10b]. **cationic** [PDC+17]. **cats** [LZTD18]. **cattle** [CSLE11, GKG+18, SSZB15]. **caudal** [Ios16]. **caudate** [GMK18]. **caudate-putaminal** [GMK18]. **Caught** [PBB10]. **Caulobacter** [SK12a]. **causal** [GCZ+12, KEG17]. **causation** [CLG+10, CLG+11]. **cause** [BIMC17, HBEW12, Jam14, Jam15, MJI14, PSL+10]. **caused** [BFGS10, CE17, YY18]. **causes** [CB17a, YSI18]. **cava** [NPMM15]. **cavity** [MBC+12b]. **CCAAT** [HHJR11]. **CD16b** [OBK+11]. **CD200** [LBF13]. **CD200-CD200R** [LBF13]. **CD200R** [LBF13]. **CD25** [BCPL10]. **CD4** [BCPL10, EH17, GML10, LAH+16, RAF+14, RW12, SSRA16, TXWW12]. **CD8** [BYY+11, CTL+15]. **Cdk** [GGG19]. **CDK2** [TMS13]. **CDPK5** [RM19]. **Cell** [JAK19, LRA+13, PRN10, STN19a, SI12, Tre19, UI13, AAAV14, ASK17, AGB+14, AUE15, AMBH+13, AMFR+16, AA12, ABV19, AP13a, AKdV+14, AHAFA14, BTO14, BTO15, BJJR10, BGL+19, BJO+16, BYY+11, BLNR15, BK19, BCPG18, BMB+18b, BPGS12a, BPGS12b, CML10, CCS18, CMS+19, CSR+05, CN12a, CWB+17, CCB11b, CLHB11, CNL14, CH16, CLCH10, CK17, CML11, CCdS15, Cox10, CTL+15, CMS16, CKBCG12, CEKM+19, DQY+15, DBBW09, DBBW11, DK13b, DKR16, Dim10, DTGC14, DL12b, DL16, DBJ12, EdKM11, EBE14, EBE17, EUM+16, ESGA15, FWB+12, FP18, FZ14, FLM18, FLGGD+14, FMLM12, FR17, For10, FZL18, GGQ+12, GMOP12, GFM+19, GGG19, GY19, Ghu18, Gol10a, Gol10b, Gol16, GMNY14, GM13, Gon13, GC18, GWW+10, GBIR13, HII+19, HPM+17, HTM16, HHA17, HWPL12, HWGT15a, Hor13, HL19, HMJB15, HBW+11]. **cell** [ITR+18, JDPK15, JDSPK15, JD13, JB19a, JS15, JS17, JS18, JSB15, KBV12, KSP12, KBL15, KB11, KL11, KRR14, KTH16, KFG+14, KS16, KCD11a, KCD11b, KKM12, KAKK19, Kro10, KSPA17, KBF18, LLTP19, LCTG15, LDF+11a, LFZN11, LWH+11, LAG+14, LS15b, Lee16a, Lee16b, LMC+13,

LSMP14, LL17a, LFB+16, LSY+10, LL14, LXS15, LPTR14, LC16, LGPS17, LNRK11, MMJB17, MRF19, MH11, Mal10, Mal18, MOSS15, MMFK10, MEKK11, MBLV10, MSM+14, MYC12, MPBS17, MBS19, MFG14, MGM13b, MPZK16, MKJS13, MDD13, MT15, MBK+11, MLL+16, MG15, NCLB16, Nic19, NTOI16, NKOS11, OKVN18, OS11, OOY16, OTGT10, PFJS15, PW19, Pie10, Pie12, PWE15, PGPD19, PGHC12, PAV10, RCH14, RJSC18, RAF+14, RD12, RC13, SI11a, SDD15, SMM15, SA17, ST16, SKGM19, SDT17, SHB+17]. **cell** [Sch19c, SP13a, SFMS16, SVB+10, SAGAGB17, SLM17, SZ18, SMZ+17, SK12b, SOF16, SSKS18, SSKS20, SZ10, SLC12, SLvdBMP10, SB19, SRAL12, SQZ+16, SSRA16, SN17, TKK14, TIMI+15, TGB+18, TXWW12, TDZ+18, TC11, TST+13, TDSM12, TALC16, TT17, TSMB14, TCYY+12, TK10c, VKKA12, VG13, VB19a, VBD10, WGS10, WMPF+15, WRH+16, Wal12, WML16, WGO+15, WBB+18, XJ19, YM14, YM16, YAK17, YCB16, YFB+12, YLLL12, ZCT18, ZS12, ZMS17, ZWW14, ZZL+11, Zhu11, ZBA18, ZZS19]. **cell-adhesion** [CCB11b]. **cell-based** [KBF18, LC16, PFJS15, VG13]. **cell-controlled** [Kro10]. **cell-cycle** [HWPL12, PGHC12]. **cell-division** [HTM16, LAG+14]. **cell-fate** [LLTP19, MBK+11]. **cell-free** [ITR+18]. **cell-matrix** [ESGA15]. **cell-mediated** [ABV19]. **Cell-to-cell** [UI13, CH16, WMPF+15]. **Cells** [LRA+13, ABR11, Arc14, Arc16, BCPL10, BFH+15, BTO15, BBS18a, BZJP18, BHBH11, BZL17, BCPM+16, BPF+19, BKPV15, CFF12, Di 18, Di 19c, DLL+18, DBM+18, DLM+19, EG10, EH17, EME+16, EUM+16, Fer12, For10, FM15b, GML10, GMOP12, GHJ14, GMBK14, GLF+15, HPM+17, HVL11, HMJB15, JMC+10, Kar15, KKO+18, KHNM16, KPEK14, KAKK19, KP16, KC13, Lab16, LP17, LAH+16, LCA+15, LLDW14, LCGMH12, LSS+14, MVGGB18, Mar17a, MB18b, MS10a, MSA+16, MH14, NTOI16, NWZ15, RD14, RHS14a, RFdL15, Rou14, RW12, SI10a, SDD15, STNT17, SNY+17, Sat17, STH18, SPMGR10, SSM+18, SZ15b, ŚKSRW16, TvMG16, TWTA+18, TRM+14, WGS10, Wod18, ZM10, ZFWK17, Zhe16, ZMC+18, d'O12, dSdS13]. **Cellular** [CAGM+17, LL14, RSV10, ARG17, BK19, BCPG18, CCS15, CN10, CHL+11, CLCH10, Di 18, Di 19c, FRP14, GMOP12, GGG19, GN10, HCK+11, HGO+18, HWGT15a, HZW+14, JSDEK14, LS16a, LSP+17, MSN14, MMAS13, MMLK11, NLB14, PAS10, POP+19, PGHC12, RFME+12, SS19, SHB+17, SBSR13, SNC12, SZ18, TM15a, TvMG16, THC+11, VLPH17, VBD10, Wod18, XMWC13, YCH+17a, YCH+17b, YMW12, ZZS19, dlCGSA16]. **cellularity** [SGS15]. **censoring** [NI11]. **center** [RS19]. **centers** [GA13, YS14]. **centipede** [RN12]. **Central** [Voe18, BRA15, FKB+12]. **Centralities** [ER18]. **centrality** [EG12, Est10, FB12, KJSS10, Mal18, YBH+19]. **centric** [VGPS18]. **Centripetal** [CFSB16]. **centroid** [GGCJ16]. **centroid-based** [GGCJ16]. **cerebellar** [ML11a]. **cerebral** [CPS19, EBP15, FHR13, KPD19, LDB+14, MTdS+16, MP19, NF14a, NGL+10, ZKP15]. **cerevisiae** [AM12, BLP10, HZW+14, LLCC12, LXC15, OB10, SSJK18, TK10b].

cerotegument [FWSG17]. **certain** [KDS18]. **certification** [Ala15]. **CFD** [JG14]. **CFSBoost** [RAF+19]. **CFTR** [Mor10a]. **cGAS** [GSS19]. **CGH** [SS17a]. **CGR** [JLQ+19]. **Chad** [LLN+19]. **Chagas** [AZOLVH18, MMG+16, RS14c]. **chain** [CJKR10, CHH10, CSB15, GK13, HB13a, KPG19, LYF+15, MCL+11, SV14, XDC+11]. **chains** [HM11b, Jia16, LFZN11, MGML10, PBKR13, SI10b, UBP12, ZLW16]. **chalcone** [TAR16]. **challenge** [KMM16, Ser16, SLM17]. **challenged** [SBCR10]. **challenges** [GE18, KCE+11, VFS+15]. **chance** [Sch19b]. **change** [Abr14, AT10, CW11a, DFM+14, DLSD15, DPvBvA12, JSZ10, KS13, KL11, KC17, MMC19b, PSV17, PW19, STJG12, SYI17, SGW17, Spe15, YSST13, Yam16a, YI18b]. **Changes** [PHTP+12, AJC12, BVK10, CCB11b, EBSW17, FGGT15, HKH18, LXJ15, LCDH15, OVKL14, PDNP16, Rog19, STNT17, SLD+17, STLJ18, TK10a, Wil11, vV11b]. **changing** [CMCS18, GW15, GJ12, GA16, GWCA14, MBRRI19, SBMH10, SRS18, WSVT14]. **channel** [BGCB12, GJ11, HZC+10, KH19, LdLK11, MFZ18, MAA+17, Mor10a, PDG17, XMWC13, ZCA+14, ZZG+16]. **channel-drug** [XMWC13]. **channel-targeted** [ZZG+16]. **channelopathy** [PBS+12]. **channels** [Bec14, CPGF+16, CFF12, CW11c, CSM+14, DM15, FD17, KB10b, LSP13, LD11]. **Chaos** [Kea16, BA19, GW13, GP11b, JLQ+19, JC16, JSF+11, PSL+10, SCS10, SY12, TF16, WH11, XSLZ16, ZKHL16, ZG10c]. **Chaotic** [STG17, DGJ15, LDA13, MGM13a, MGM13b, STJG12, TLPH11]. **chaperone** [XKCG15]. **character** [CJ12a, Cut15, MC15b]. **characterisation** [DKP+18]. **Characteristic** [ESS19, MTNM12, HgLL+10]. **characteristics** [DS15b, DLYZ11, DDF+14, HCK+11, JYY+18, Kon11a, LBS+10, LBS+11, LHD+17, LYZ+18, Rey13, ZLL17]. **Characterization** [ABN15, LL13a, OCN10, YWZ+16, ASRM15, CA17, GRB+13, HZLX11, LDH+12, LCQ+18, MdFDM10, MAMEA15, PDG17, PPC+17, PPT+16, QW12, RMM+16b, WdLS17, WHL13, YLL+14, pZWZ+16]. **characterize** [JK12, RKJ+11]. **Characterizing** [BPF15a, BPF15b, CWF+16, SNY+13]. **characters** [Cut15, GJ12, PRSC11, RCD16]. **Charcot** [AKR+18]. **Charge** [DK13c, YS14]. **charged** [Smi11]. **Chaube** [Pan19]. **Cheater** [MV18, RD14]. **Cheater-altruist** [MV18]. **cheaters** [SKS+19, SBS17]. **cheating** [UI13]. **check** [BBT+15]. **checkpoint** [KBE+13]. **chelation** [FE10]. **Chemical** [Wil11, Bau18, Bro13, Di 16, Di 17b, FL12, FL13, KS19, KF15, MF15, NGN13, PAK11, SHH15, SSV+15, UI13, WLY+17, ZS10]. **chemicals** [FSA15]. **chemistry** [RTFP+17, Sza15b, dlEBRM15]. **chemo** [MDD13]. **chemoactive** [TVA18]. **chemoimmunotherapy** [RTEKG15, RTEKG19b]. **chemoinformatic** [HAuR+18]. **chemokinetic** [SN17]. **chemopreventive** [TVA18]. **chemoprophylaxis** [EN15]. **chemorepulsion** [d'O12]. **chemorepulsive** [ANK10]. **chemostat** [FE11, LFM11, TWW19]. **chemostat-like** [LFM11]. **chemotactic** [CFT11, MOSS15, NDG14, RG10, SN17, WST15]. **chemotaxis** [Amo15, BPF+19, FZ14, NvD17, NS18, PHH18, Pai19]. **chemotaxis-based** [BPF+19]. **chemotherapeutic** [GSSBF18, HNP18, NSH+10].

Chemotherapy [dG10b, BBJ+10, BPLM12, Car17, CL18, CHN+15, CvBF18, EJ17, EJ19, HL18, IBB+15, LF19, LBW+13, LIB+17, PGHC12, RTEKG15, RTEKG19b, SGL10, SKD+10, WHH17, ZLM12]. **chemotherapy-induced** [CL18]. **chemoton** [Gri15a]. **chemotrophs** [SI19]. **Chi** [Xie18]. **chicken** [SBSR13]. **Chief** [Kir11]. **chikungunya** [MHX+14, MP13c]. **child** [FM18]. **childhood** [Nås12, NSH+10]. **children** [BSR14]. **chimpanzees** [Sch14]. **China** [Kur14, ZZR13, GM17, HJR12, LZY+15, TXY+12, TXTW16, WXWL12, WZJ+13, XTZ+13, XSTW14, ZLZ15a, ZJY19, ZZR10, ZRZ15]. **chiral** [OA15]. **chirality** [OA15]. **Chiroptera** [AK11]. **chitinase** [KGP+15]. **Chlamydomonas** [SLM17]. **chloride** [BHBH11, Mor10a, ZCA+14]. **chlorophenol** [WPPD16]. **chlorophenol-mineralising** [WPPD16]. **chlorophyll** [GZT15, Laz13, MTE15]. **chloroplasts** [MB14, MSC10]. **CHO** [GHJ14]. **choice** [AGM11, CS14a, CC11b, Cro19, DB19, Gal10, GK10, HLI15, MI11b, MI11c, NPS10, TI12a, WSW10, YLH12]. **choices** [JRB+16]. **cholera** [ERT13, HWGW18, LKO+17]. **cholerae** [FBK11, HK14, SDK11]. **cholesterol** [BSM+14, PCS+18]. **chondrocyte** [CAGM+17, CWP+18]. **chondrocytic** [ABD+11]. **chondrogenesis** [CWP+18]. **chondrotin** [SABB15]. **choosy** [MG17]. **Chou** [Mei13a, Mei13b, AFS19, AH19, AH18, AH15, AHJ18b, BMN16, BRK19, CL13a, CCY+19, CT18b, DHS+15, EMM10, FL12, FL13, FLW16, HPB+14, HYA14, HY13, HKR+19, JD16b, JD17, JCG15, JCG16, KHK15, KHKI17, KZL14, Kri18, KSKK15, LZ18, Mei12a, Mei12b, MFZ18, MZ18, MBE11, MP14b, NBL14, NMZ19, PWZ+19, QLC+18, RBMS17, RSS+18, SIK+18, SRS+15, SM18, STG19, SKK18, TTC19, TWC+19, TP17, WMK13, WZM19, XNJ+13, XSLZ16, YGL+10, ZSZM14, ZZK14, ZK18, ZL18a, ZD18]. **Chromatid** [Fer12]. **Chromatin** [ASP13, Mic11, PDNP16, PSK10, SI12]. **chromosomal** [SP14, ZS12]. **Chromosome** [JS15, AA16, CL17b, DKP+18, MZWC10, MK16a, PCB14, SK12a, SM11b, Unc11]. **chromosomes** [MYK17, SK10]. **chronic** [KEG17, LLDW14, LMYL15, NS11, OVKL14, PGPD19, RTR+13, TBMM19]. **chronological** [Yan10a]. **chrysomelid** [FKMG15]. **chytridiomycosis** [JB11]. **CICR** [OTTF11]. **cilia** [KBL15]. **ciliate** [BKC+16]. **cilium** [ABD+11]. **circadian** [CLW12, DFT+17, DB18, EBE14, EBE17, GM13, HBVP15, JC10, KTO+14, LG13, LW12, OHWS18, RGG12, SCLA10, TAL19, VH11a, XCW+18, Zha10b]. **circRNA** [Sos18]. **circuit** [FK18]. **circuit-preserving** [FK18]. **circuitry** [RM17a]. **circuits** [BPP+16, DEN+11, HMTA17, LPTR14, TK19]. **Circular** [EM16, GGR11, Sos18, AFM10, CC10, CM17, FGGS15, FS15b, FZL18, LLDW14, MP13b, Mic15b, MPP16b]. **circulating** [SMM+13]. **circulation** [Hou15]. **circumstances** [HPvdB17]. **cis** [SDRA+15]. **cis-regulatory** [SDRA+15]. **cisplatin** [MB12a]. **cities** [LCCK12, ZZL19]. **citric** [GT11a]. **city** [MYOS14]. **civilization** [FBU11]. **Cl** [CZT+16]. **clade** [ADR11a]. **clades** [HMM11]. **clamp** [HYZS14]. **clamp/relaxation** [KFG+14]. **clams**

[Alv18]. **clarified** [Hor17]. **clarity** [GKNT10]. **class** [BT17, BvLH14, Gra15, JSZ12, KHX+19, KSKK15, Lio18, Lio24, LJ10, MI11c, NRKE18, NK18, RSD+16, ZM10, ZLY14, ZZK14, ZKHL16]. **class-structured** [Gra15, Lio18, Lio24]. **classes** [CT18b, DYQ+14, FDS13, HTK14, KZL14, MPCTGJ+15, NBL14, OYY16, PT10, VK10, WCC13]. **classic** [ZLL17]. **classical** [Cle16, HS14a, Hua12]. **Classification** [AH15, BWS10, FLCS+15, GM16b, AH19, AC15, BBP13, FBAPMD13, FLGGD+14, GXFF13, GMM15, lGLLL14, GGCJ16, HRD14, JSZ12, JWS+10, JS17, JS18, KHX+19, MdFDM10, MP12, NBL10, NSBL10, RMSTG13, RKMG12, Tal12, VZB+15, YGMT12]. **classification-based** [JWS+10]. **classifications** [HYA14, XM11]. **classifier** [DSPM14, JLX+15, WYX+17, XWC11]. **classifiers** [BMSEE14, HRHAAA15, SM17a, XWD+10]. **Classify** [Kri16, TP17]. **classifying** [SKK18]. **clavaminic** [RMRC+16]. **clavulanic** [RMRC+16]. **cleansing** [JG14]. **clearance** [KBV+15, MG15, SBMH10]. **cleavage** [ATK10, Sat19]. **click** [TB11, WL10]. **Climate** [FBU11, AT10, BTK14, DPvBvA12, PSV17]. **climatic** [GS13a, GS14]. **climb** [GF11]. **Climbing** [GW12]. **cline** [IST11]. **clinical** [BC19, DH18, Dim10, FBFM12, METC12, PT10, PZLF19, PMCS16, SKD+10, YD15]. **cliques** [LCL14]. **clock** [DFT+17, EBE14, EBE17, LG13, MMB11, RGG12, TAL19, XCW+18]. **clock-cell** [EBE14]. **clocks** [TCH14]. **clonal** [CMB+12, FR17, HM10a, Ros15, RW12, ST17a]. **Cloning** [KGP+15]. **clonotypes** [LCHMP16]. **close** [BWP10, Di 12]. **close-facing** [BWP10]. **closed** [CSB15, LLDW14, MH13]. **closely** [MMH+12]. **Clostridium** [JEA18]. **Closure** [CLG+10, CLG+11, ABH+11, FS16c, LCCB11, MM15b, PCBMM12, SYR11]. **closures** [PHK15]. **clot** [SHK14]. **clouds** [SW18]. **clubs** [TLW18]. **clumped** [BHKR14]. **cluster** [HLHY17, HYZ+15]. **Clustered** [Don16, HK11b, MS12c, RBHK14, SBK16, TWTA+18]. **Clustering** [HRC+12, HY16, YFB+12, GMK18, HASM17, KUV+10, PWHW16, RD14, SAG19, SKH17, TP17, VZ19, WCSA12, WZ17, YCY14, ZYJL18, ZDY11]. **clusters** [DMSW10, GMNY14, KRR14, LL14]. **CML** [RCH14]. **Co** [Ant13, AMFL10, BB11b, Cam11, PBA12, SPS11, ADV+10, CWP+18, Dim17, DL16, EJK16, HNV+16, HPM+17, HAH19, HgLL+10, LZG+19, LDH+14, MG14b, MBLC17, MALAN17, MH18, NZZ19, PDB+15, PNP+16, PDNP16, PGLZ14, PDW10, RANO10, SS18, SCKL15, SST19, SOBC12]. **co-activators** [NZZ19]. **co-colonization** [PDW10]. **co-culture** [HPM+17]. **co-cultures** [CWP+18]. **co-dependence** [DL16]. **Co-dominance** [Cam11]. **Co-evolution** [Ant13, AMFL10, PBA12, SPS11, MALAN17, MH18, RANO10]. **co-existence** [ADV+10, MG14b]. **Co-existent** [BB11b]. **co-existing** [EJK16]. **co-expression** [LDH+14]. **co-flowering** [MBLC17]. **co-infection** [HAH19]. **co-localization** [LZG+19]. **co-morbid** [SST19]. **co-occurrence**

[PDB+15, PNP+16, PDNP16]. **co-optimization** [SS18]. **co-option** [HNV+16]. **co-regulated** [HgLL+10]. **co-regulation** [PGLZ14, SCKL15]. **co-transporter** [Dim17]. **Coaction** [vDRT14]. **coagulation** [PFJS15, TSP15]. **coalescent** [ADR11a, CK15, GK16, Gre15, PP17a]. **coalescent-based** [GK16]. **coalition** [MGGGA11, NOS17]. **coarse** [KSK+11, KG15, Men12]. **coarse-grained** [KG15]. **coastal** [SH17]. **Coated** [SPA18]. **cocaine** [SNY+13]. **coccolithophores** [HWGT17]. **code** [AFM10, BWM+19, Boz15, CC10, CL11, DS19b, Di 13a, Di 14a, DMCP14, Di 16, Di 17a, Di 17b, EM16, FD18, FDS13, aHLZ+12, KA17, Len14, Mas16, MP13b, Mic15b, Nah14, Nem17, Rog19, Rou14, SM10a, Sel12b, Woh15]. **coded** [BBT+15, Cle10, PBKR13, Sel12a, Sel17]. **codes** [BWM+19, FGGS15, FS15b, FS16b, GGR11, Mas16, MP13b, MPP16b]. **codified** [Di 14a]. **codifying** [Di 14a]. **coding** [CK16, CJ12b, DHBS19, MZWC10, MWSM13, MP13b, Mic14, Mic15a, SI12, Sel13, SCLC13, Tak17a, TP10b, YCR+15, ZTWL12, ZLB13]. **Codon** [Sel15a, DS19b, DCL18, KB10a, KK12b, LY14, LDWW14, NS13, PWH+13, PMYHR12, QW11, RGP13, Woh15]. **codon-amino** [DS19b]. **codons** [KK12b, Rog19, Sel17]. **coefficient** [Flo11, LDB+14, ZYJL18]. **coefficients** [AS16, ZYJL18]. **coeruleus** [PR17]. **Coevolution** [LG19a, Nak16b, TI13, TCB13, Wei17, ZLW18, AIB+19, Di 16, Di 17a, Di 17b, DN18, Rou14, Saf13, SK11b, SA14, WFZW13, YYB+19]. **coevolutionary** [MI11a, Van16a]. **coexist** [PFB10, YSYI13]. **Coexistence** [CG10, EI13, KK13, OAS10, PC10a, SvK12, SSC13, SM10b, AdlPLMZ13, BT17, BL15b, BLS+17b, CH11, CMS16, GVSLG16, GCS12, GW19, HSM17, IC11, JCW13, Kar12, Kři13, KR19, LS15a, LRGA13, MGT17, NvHM13, NdlPZA10, PML18, SX12, SK16b, SKS+19, TZ11, TSB+17, VLCM10, VGL16, XF13, YLW+14, ZLY+17]. **cofactors** [RCL+10]. **cognition** [GS17a]. **cognitive** [Gau11, Kuz19, RRL+13, Wal18]. **coherence** [BDLR12, LV17, LCL14]. **coherent** [MDVT10, SKF16]. **cohesion** [CMBP19]. **cohesive** [Woo10]. **cohesiveness** [NTY16]. **coil** [MALAN17]. **coiled** [MALAN17]. **coiling** [Nos14]. **coinfection** [ITR+18, TCW14, XSMF12]. **coinfections** [PGPD19]. **cold** [Kur14, SGAM12, SSV+15]. **Coleopteran** [LBS+10, LBS+11]. **coli** [ABK+12, ARZ15, BRG+12, BLP10, HVSZ10, KF12, MBE10, MMH+12, RG10, Tak17a, ZS12]. **colimited** [BBS10]. **colitis** [LMHF13]. **colitis-associated** [LMHF13]. **collaborate** [EM11]. **collagen** [HB12a, Kro10, KF10, MHH13, SDKF12]. **collagenous** [Kro10]. **collapse** [BIMC17, FBU11, MJI14, VWF19]. **collateral** [LH13]. **collecting** [KFG15]. **Collective** [CLA17, Str11, Arc14, BFW10, BBP13, CB16, Cox10, Cro19, DB10, Eft13, FD11b, FR17, Kea16, MPBS17, MPNP12, NCLB16, PNL15, PN16, RLK10, UPWK15, XLSF19, ZLB+18]. **collectively** [Luk14]. **collinearity** [GG16]. **colloidal** [FWSG17]. **Colombia** [BLV18]. **colon** [LPP+19, LMHF13]. **colonic** [FBC12, MFMB12, MTLW+10, Wal12, WBRHE10, YAK17]. **colonies** [BIMC17, CFR13, CCdS15, LDHD14, MKJS13, SK12b, UPWK15].

Colonization [FR13a, PR13, BLNR15, PDW10, RL17, SPRF13, SDK11]. **colonizing** [NGS+16]. **colony** [AC12, GK17, GS13b, GSF13, LDF+11a, MSB16, RBSD10, STN+19b]. **colorectal** [LF17, SS17a, SBM+16]. **Colored** [YGMT12, JC10]. **colour** [FR13a]. **columns** [MYLK11]. **COM** [BAM+15]. **combat** [Bos12, JMH+19]. **Combination** [PDF18, YBC17, AH15, CvBF18, LF19, QW11, SYY17a, SYY17b]. **combination-chemotherapy** [CvBF18]. **combinations** [JSDEK14, XXD+17]. **combinatorial** [SW16]. **combinatorics** [LG17, SFV16]. **Combined** [GK10, KJM17, AMM16, Ala15, BMGC11a, BMGC11b, DGM15, KSM+15, LBW+13, STI13, TDKJ15]. **Combining** [SSJK18, YLF+17, HZL+11, LTL+15, NAK+11, TP17, WYL+19, ZLW+19]. **combs** [MKJS13]. **come** [Ano19-27]. **coming** [TTN13]. **comma** [FS16b]. **comma-free** [FS16b]. **Commensal** [BL15b]. **Comment** [Ghu18, HS16, JMS12, Mac11, Mar11, Pan19, RRC+11, Bal13, DHK13, NBW11, vV11b]. **commercial** [ZLZ+11]. **common** [Cam15, De 17, FS12, GZ19, KP12, LJI17, LLY15, RBRB16, SK16a, SS15e, TLW18]. **common-pool** [LJI17, TLW18]. **commons** [MB18c, VSP11]. **communication** [CDD12, DRW14, EG10, Eft13, EBSW17, LLSO13, OO18, WK12]. **communicative** [SA13]. **Communities** [DWM15, Cor16, CG10, DSA+16, FXML18, FB18a, JHE15a, JHE15b, KDMK16, MRPH17, MP13a, MH18, NTFK11, PSJ15, Pav19, PC13, PFB10, RK18, RR12, SL10, SM17b, SKS15, SRS18, SBS17, VA10, VGL16, WCPF15, ZADB15]. **community** [BZ10, CTA15, DBD15, DS19a, FGPR10, GL12a, Gri19, HL11, HLTW14, Jab10, KCS16, LJW+16, MK14d, MI11c, MSIR10, PDW10, PDW11, Soz13, Spe15, TBM+13, TLCZ12, WSTL16, XLSF19, YISG14, ZMT11]. **community-acquired** [PDW10]. **community-structured** [KCS16, TLCZ12]. **commuters** [MYOS14]. **commuting** [BLV18, LCJ18]. **Compact** [GLOC10, SBK16, WMK14, Wax11a]. **Comparative** [AMM16, GP11a, GRRG16, SPSM15, TAR16, ALH10, BPM+12, DGD+11, ESE15, GTS15, JSZ12, KKD18, KTT+19, MH12, RSI11, SG15a, TF15]. **compare** [KCJ+11]. **Comparing** [DGMY18, Dra19, LLS+15, MFMPS10, MHX+14, MSM+14, WF17, DS10b, FHW+10]. **Comparison** [AD16, CPGF+16, HHSA15, HL18, LS16b, Wax11b, Zha11, ALH16, BMN16, Boc12, BL14, BWP10, DLYZ11, DGL12, DYS+13, Di 19a, EB15, GAB14, HRD14, HZLX11, LAG+14, LLL+17, LGR+12, LWL+11, MHKA16, Pee12, RCD16, SMG18, SDRA+15, TMD14, UK17, WP17, WZY14, YZZ12, YZZ13, YW13b, KA16]. **comparisons** [Di 13a, WS10]. **Compartment** [LO15, MEKK11, MHMM11, PBvdG10]. **compartmental** [BvLH14, LCJ16, LSSG10, MMFK10, MPC12, cSGFB17, TF18, TW12]. **compartmentalisation** [SLS17]. **compartmentalization** [Nak12, NCS+13]. **compartments** [KS15]. **compass** [Jen10]. **compatibility** [LP14]. **compensation** [Das18]. **compensatory** [HWMT17, IIKT13, KIT+16, KII19]. **Competence** [BPFR16]. **competency**

[BF15]. **competing** [BWY+17, Gol10b, IC11, LKP+12, PP17b]. **Competition** [DDS13, GW14, JA13, Kři14, MZ17, NdlPZA10, NBA+18, Pel18, PB16, RK18, SAB17, SK16b, ACMK12, BI12, BCF+16a, CTB18, CKNB19, CP11, DHV19, DP13b, DKF17, FE10, GSRR17, GVSLG16, GBM18, HGM15, HP12, Han12, IGL+12, ID19, KB15, Kar12, KSP12, KM19, LTHEK12, LSDD13, MBLC17, MSS10, MK14d, Nak16b, NT14, NTOI16, Oku15, PIPB10, PBB+15b, PB18, PC10a, PDF18, RCH14, SK12b, Soz13, Str15, TCR13, US10, VY12, WZ18, WW19, WMN18, WHYMG17, YK11, ZADB15, dlCGSA16]. **competition-antagonism-mutualism** [MK14d]. **competition-diffusion** [KM19]. **competition-facilitation** [TCR13]. **Competitive** [Bar11, KKGN16, LS15a, SM14, XF13, CCA17, DZE11, FM14b, GL12a, Kar15, LJW+16, MPP+18, PBBB10, PDW10, RR12, SLvdBMP10, UT17, WMN18, YZY+16]. **competitor** [EUM+16, SGCD14]. **competitors** [PFB10]. **complement** [RG17]. **complementarity** [PBP15, SL10]. **Complementary** [MGS16, Mic15b, Sel12a]. **complementarysynthesis** [FK13]. **complementation** [SE10]. **complete** [JOAN14, MKBE17b, NIiT18a, OAP14, QW11]. **completion** [ESS19]. **Complex** [ABKS11, ASL+18, KMD+12, RPD14, TRJD19, VLCT19, ASK17, APBS15, AP19, AD13, Alv19, AN10, BPFR16, BEK10, BJ17, CRLH+19, CL14, CW15a, Est10, EJ16, FWLW11, GZT12, GSCS11, HGM15, HKS15, HB10, IMA16, KOF+14, KHB+18, Kon11c, LJM15, LMC+13, LYZ+18, MK11, MTE15, MD16, MBP16, NW10, OA15, OYY16, Pła10, PW14, RCH14, RFME+12, RDP16, SK19, SSH+19, SAB17, TBM+13, TK19, VL11, VNS18, WMCL18, Xie18, XSMF12, YLWZ10, YZ19, ZZC10, ZC14]. **Complex-linear** [KMD+12]. **complex-mediated** [AN10]. **complexation** [BE14]. **complexes** [ACvKA10, DFM+19, ER18, HNV+16, HMMSRSD15, NGN13, NZZ19, PWHW16]. **complexification** [RAD14]. **Complexity** [AdGM12, PCC16, PDG12, AMFL10, BL15a, BORA10, CS15b, DS10b, FB18a, LXJ15, MGO+15, MSS10, NBS+13, PP12, TCH14, TAL19, THM10, VBHM+13, YHY14, ZLY14, ZGW16, ZLL+12]. **Complexity-stability** [PDG12]. **Compliance** [Sar10, ASC16, CPS19, FKK14]. **Compliant** [MS14b]. **component** [HME12, OUMA10, SG15a]. **components** [AH19, BGM19, GLR+18, NMZ19, PWZ+19, TTC19, TWC+19, ZK18]. **composite** [FK16, HK11a, Rey13, SIK+18, SHLL11]. **Composition** [AH15, AHJ18b, Bau18, BMN16, CL13a, Cho11, EUM+16, EMM10, FL12, FL13, FLW16, GZ14a, GZ14b, Gri11, HPB+14, HK11a, HWGT15b, HYW11, JSF+11, KHK15, KHKI17, KZL14, KSKK15, LD11, MJ11, MFZ18, MZ18, MBE11, MP14b, NBL14, PDC+17, QLC+18, RBMS17, RW12, RRB10, SRS+15, TP17, Tun13, WMK13, XNJ+13, XSLZ16, YGL+10, ZSZM14, ZZK14, ZNA+16]. **compositional** [ML14]. **compositions** [HY13, JD16a, JD16b, JD17, PWZ+19, ZLW+19, ZLDZ13]. **compounds** [GDPPSS+11]. **Comprehensive** [JSZ12, ASK17, KTJ19, OCN10, SLW+18a]. **compressibility** [LL14]. **compression** [BNG16, FKDW15]. **compressive**

[ZPHS11]. **comprising** [GI15]. **compromised** [CWM11, WCM15]. **compulsive** [RM17a]. **computability** [CLG+10, CLG+11]. **Computation** [BR15, ASP13, KBF18, PSK10, Wal12]. **Computational** [BZJP18, BLP10, DQY+15, Deu18, EKvdKvFK13, FBK11, JB19a, KIH16, MMY+12, MAM16, MAA+17, PS13, PWC+15, SBT+18, SBMH10, TLT+15, TSF+19, VB19a, AKR+18, AMBH+13, ÁTC+14, BTH+13, BZ18, BFGAGA16, CCS15, CRGS18, CS11b, Fre10, GA13, GT15, HFT15, HN10, HHF11, IHNS16, IGL+12, JAK19, KHK+17, Kha10, KBL15, Kit10, KKG+14, LL17a, LCQ+18, LYZ+18, LHL+14, MFN+18, MPJH13, MFMS+18, MV10, MSRW16, MDD13, NGL+10, OB15, OTTF11, PWC+12, PCL+15, QZ14, RPGG+19, SSD11a, SSF15, SPG+18, SZ10, SLC12, SLD+17, Str13, SA13, SYY17a, SYY17b, SCT12, SST19, VPFV13, WHZ+17, ZGY11, ZGW16, ZZL+11, vHHKB14]. **Computationally** [Ros10b, RMRC+16]. **computationally-assisted** [RMRC+16]. **compute** [BMV12]. **computed** [CZPC+18, MIH16]. **Computer** [LSP13, MSN14, MZ17, SRH19]. **computers** [Chu18]. **Computing** [RTFP+17, CA17, FMS+12, FVC15, ZSW+14]. **concentrated** [BH13a]. **concentration** [FT12, GT14, HHA17, LS16c, MKRE18, Ou19, SWR11, SSKK17, VSW10, ZGS+10, ZAL+19]. **concentrations** [Bur10, FVTS16, LF17, Str17]. **concentric** [GAPK10]. **concept** [BB13, CKS15, EMM10, JSF+11, MBE11, XNJ+13, ZSZM14]. **conceptual** [HB18, O'M17]. **concerning** [RB15]. **concerted** [WLD+11]. **Concurrent** [BCGD10, CHN+15]. **condition** [GPT17, Kon11c, OBAI11, POW17, PTNKT11, Tox18]. **Conditional** [IIVR10, CW11b, GCS12, MBBD13, PMD11, RPCW18, RQB17, SP13b]. **conditioned** [WN19, ZLW14, ZLW16]. **Conditions** [BdABY13, EA17, FVTS16, RCL16, AK11, BDR10, CDO17, GT11a, GGM12, HSG+18, HHT+19, HS14c, KGM+15a, LRL+16, LDdA+13, Lug15, LS11b, Nås12, NNvdB17, OFT15, OAS10, RGBR17, SI19, TL15, Tos11, ZG19]. **conductance** [BBS18b, For10, OTTF11]. **Conducting** [LSMP14]. **conduction** [Hal16, WMT15, WMT16]. **conductivity** [KFG+14, LS15c, Tak17a]. **cone** [KTN+10, RBB+12]. **confers** [OTTF11]. **confidence** [EJ17, EJ19, KSA16, KK17b, TDW16]. **Configuration** [Den19, HBK12, RMRC+16]. **configurations** [MAR+17c, TG10]. **confined** [BP15, Lab16, RW14b]. **Confinement** [MH12]. **confirm** [Di 13a]. **confirms** [Sel17]. **conflict** [CHK16, For14, KM12, MJI14, Sak10]. **conflicting** [KOS13]. **conflicts** [Fis19, Sek12]. **confluence** [JSP+16]. **Confocal** [KKO+18]. **Conformal** [Mit16]. **Conformation** [She11b, DHB15]. **Conformational** [MdFDM10, BC19, CVPCV+15, CT18b, SG15a, SQZ+16, WHL13]. **conformers** [Mau15]. **conformist** [TSL12]. **conformists** [KL13]. **Conformity** [WL15, KL13, Van16a]. **confusingly** [HC17]. **confusion** [Hor17]. **congestion** [De 19]. **Congo** [OL19]. **conifers** [Cab18]. **conjugated** [MHD18]. **conjugates** [BJ18, YCL+17]. **conjugation** [PCHM10]. **conjunction** [KHK15]. **Conjunctivitis** [Hur12]. **connect** [FRH15, TGL15]. **connected** [CM14]. **Connecting** [RC11]. **connection** [ASC16, AH12a].

connectionist [FIS11, FIS16a]. **connections** [DHT16, SS15a]. **Connective** [FAFA17]. **connectivity** [BPG+18, DBB+17, Hal16, HvLPdB15, KK17a, NMS10, RFME+12, WMT10]. **connexin** [WMT16]. **conotoxins** [ZZG+16]. **conquer** [JH11]. **consanguinity** [ANMH11]. **consciousness** [RBG+17, Sat14]. **consensus** [MP16, SLM17, LLP+19]. **consequence** [AGPK13, MDS16, NPB13]. **Consequences** [BAM+15, CVO+15, CP11, WF18, BD10b, CdPD11, DFM+14, KG13, MA11b, RWSB11, SBSE14, VK10]. **Consequential** [VK10]. **conservation** [DZW10, KMN+15, SAB17, SVA18, Tsu19]. **conservative** [Rog19]. **conserved** [ÅCHS19, AKR+18, DS15b, FT12, JRR+12, PEZ+13, SRP16]. **consideration** [lDsWM+15, KMM18]. **Considerations** [ABIM10, Fue16, Wil13]. **considering** [BBJ+10, CDO17, Dol19, LJM15, MZAI19]. **Consistency** [Ste13]. **consistent** [BS15b, Gia13, JSK16, NRKE18, NPH+12, SSS13]. **consisting** [LZTD18, TD18]. **consolidation** [WGS15, ZLL+12]. **consortia** [SCH+19a]. **consortium** [SK16b]. **conspicuous** [LS10a]. **constant** [BSMK11, CK18, KMM16, LLB+18]. **constants** [VACGF17]. **constituent** [HHA17, WXC10]. **Constitutive** [FK16, LZWK11, PMD+18, ZLZ+11]. **constraining** [RT19]. **constraint** [NvHM13, RGCML10, SWTO15, ZGWL14]. **Constraints** [SKK+12, BDS12, CBL14, Cam15, CCS18, CMBP19, GCM17a, HAK+19, IS16, KHP+12, LWB+15, Lüt16, Mal17, MM15b, OABI12, PPW16, Ush16]. **construct** [ABIM10]. **constructal** [KTO+14, LCBO+12]. **constructal-law** [LCBO+12]. **Constructing** [CN12b, Lev14, LT14]. **Construction** [TDM14, BRP+18, GKWG17, JAM18, KGB13, KWO19, TM16, TTN13, dF13]. **constructs** [CLCH10]. **consumed** [WBM+15]. **consumer** [AR11, Abr14, BV13, RB13, SSD11b, SSD12, WD11, tBdR18]. **consumer-resource** [AR11, RB13, SSD11b, WD11, tBdR18]. **consumers** [XF13]. **consumption** [MMK16, RZRSC19]. **Contact** [FPG11, AL17, AAJGCD15, BGW15, GAY+15, HS15, HB16a, KG12, LL14, MvdDW13, MPLK14, NRKE18, PSL+10, SZ18, SMC+13, TC12, YSH+14, YZMY18, YS11, ZCXF13]. **contacts** [CGW18, IU18]. **contagion** [NO15, NO18]. **containing** [LT14, MCL+11, ZG19]. **containment** [AH12b]. **contaminants** [HPW+13]. **contamination** [BSC19, MW13, WXWL12]. **contemporary** [KDMK16, SS19]. **content** [JS15, JS17, JS18, MBE10, MS12a, NHM10, Wax11b]. **contest** [MGS16]. **context** [CSR+05, FRG+13, KG13, LDB+14, ON14, Sat17, SY11, SRAL12, WGS15]. **contextual** [GRRG16]. **contingency** [FRG+13]. **contingent** [WFZW13]. **continuation** [JR17b]. **Continuous** [MT15, Sim14, TP10a, ATB14, BSKV18, BBS10, Cre10, DHK13, GZFX14, HMWB13, IOY15, KS14, LY11, ML10, RA10, RA18, Sch19c, SFS13, Shu13, WL12a, WL12b, WSH+10, Yat14, vDRT14, vE11]. **Continuous-time**

[Sim14, vDRT14]. **continuous-valued** [HMWB13]. **Continuously** [DI10a]. **Continuum** [JDPK15, MPBS17, MBS19, HGGCR13, KCZ+19, Kro10, LHPF18, MFG14, SS14, SKH11]. **Contract** [Arc11]. **contractile** [LFW+18, SH16]. **contraction** [HGGCR13, LHPF18, MAH12, SS14, SKH11, WGO+15, YWP13]. **contractions** [DGNT17, Kro11]. **contrast** [LS16c, LPF11]. **Contrasting** [CB15, AK13]. **contrasts** [Ell15]. **contribute** [KEHK17, SAB10, VBHM+13]. **contributes** [Laz13]. **Contribution** [DK13b, LLW15, MYK17, dS15a, BCBD19, CPW16, GGQ+12, HFD17, JDSPK15, RT15]. **contributions** [ABJ12, Ano19-50, Bur19, KG12, PBP15]. **Control** [BS15a, DBM+18, GK10, GCG14, HZG+17, RJSC18, SSD13, SZ15b, TWTA+18, ASK17, ABA11, ABIM10, BFJ+18, BAGG14, BZL17, BCBD19, BAR14, CFCM13, CSLE11, CKN+12, CH18, CDGV10, CMS16, CG11, CBGS18, DMS+16, DROC11, DKR16, Don17, EHBC10, EB15, FE11, FD17, FH13b, Fra19a, Fra19b, GKMC10, GM19, GA16, GTC19, GM17, GP11b, GP12, GT15, GAY+15, HS15, HCHI18, HTM16, HB16b, HJR12, HK11b, HCW18, JB19b, JWTW17, KKD18, Kee10, KAZ11, KAZ13, KEKB18, KSvdH18, KLJ17, KP16, KKYV18, KF11, KH19, LCCC10, LBGW13, LKK13, LCJ16, LC17, LSY+10, LLZ13, LNH13, MIJ16, MA13, MAM16, MG10a, MZAI19, ML10, MS12b, MFKS13, NSS+11, NMAZP16, NSH+10, OA12, OA11, OCHHZ12, PVCEC18, PZLF19, PRM12, PRM14, QF10, ROF17, RB14, RS14a, SW18, SKK+12, SSG+19, SGW17, SSST19]. **control** [SBM+19, SNCM12, TXTW16, Van17b, VCF+19, Wal16, WPA17, YT12, YAK17, YD14, YLLL12, ZCT18, ZTT18, ZN18, ZLT+19, Zhu11, ZZR10, ZZR13, dSKBS10]. **controllability** [IH17]. **controlled** [BFR14, GLOC10, Gri11, GRB+13, Kro10, Lee16a, SK15, vLFM+19]. **Controlling** [BVJE17, AHJ+18a, HLI15, HRCA19, MB14, TI12a]. **controls** [MSB16, Sar10]. **controversial** [ACM16]. **convalescent** [HSLW16]. **convection** [DS16]. **conventional** [Gia13, HL18]. **Convergence** [Dal17, TF15, Gou16, NWZ15, WL12a, WL12b]. **conversion** [FBC12, KII19, MSC10, MFMB12, RRÚJ19, SAGC12]. **Convex** [TZY18, HHMT19]. **convolution** [TTC19]. **convolutional** [WYL+19]. **Cooperation** [Arc16, ACCR11, Axe12, BP16, CSZT12, DBD12, Gha16, KCS16, Pła10, SSS17, TR12, Van16a, WK18b, XY14, Yan10b, ZZC10, AH17, ATB14, Arc11, BYJ17, BBD18, CS14a, COWA11, CWW18, CBP12, CAV16, DG12, Das12, De 19, DDRP13, GWNW15, GT12, GvVT14, HNR14, HKM12, Hou13, HCW18, ITO16, ID19, IIVR10, KNT10, Kon11c, KC11a, KI17, Lai18, LPH18, ML13, MSN14, Mas12, MJI14, MBBD13, MKMG+14, MB19, NSKO18, NT10, NBA+18, Now12, Oht12, PBR17a, PCN17, RANO10, RMB15, ROF17, RC11, Ros10a, Ros13, RRR15, SPS11, SPLP12, SN18, SP16, SLW18b, SK11b, SP13b, TM12, TGL15, TA15, Uit11, WSP14, Wol12, WFZW13, WFW19, YvBS18, YHZ14, YZX15, ZCW13, ZLY+17, ZSS10, vDRT14, vVGA10]. **Cooperation-based** [WK18b]. **Cooperative**

[CCAdS13, Kin18, KUV+10, HVSZ10, HKB10, Kon11b, LDF+11a, MW14, PBA12, QJR+16, RN12, SHN12, SHH15, SJK18, TBQG14, WK17, ZZCZ17]. **cooperativity** [BSP18, CL10, CB13b, Mar17b, Mic11, ZBA18]. **cooperators** [FNH10, GCS12, LG10b, OO17b]. **cooperi** [KHB+18, KFS+13]. **coordinate** [Ben14, VC10]. **coordinated** [FW15, NS18]. **coordinates** [DGL12]. **coordination** [Cle18b, PEW18, RPGG+19]. **Cope** [SSD12]. **copepods** [RL17]. **copied** [YCR+15]. **copper** [BSC19]. **copy** [JOM16]. **coral** [BH11, CMGN17, KRSD11, MI11b, MI11c, RTFP+17, TZ13]. **coral-algal** [BH11]. **coral-Symbiodinium** [CMGN17]. **corals** [RDTHSM13]. **cord** [ISZ18]. **Core** [WCC14, BFGS10, CKN+12, CSKZ19, GXFF13, KBS+19, KBS+20, KF12, Sat14, VH11a]. **core-shell** [KBS+19, KBS+20]. **coregulation** [WM17]. **cornerstones** [BPFR16]. **corneum** [SSvdM10]. **Cornish** [HS16]. **Cornish-Bowden** [HS16]. **coronary** [DPCM16]. **CoRR** [All17]. **correct** [MA10]. **corrected** [OGO19]. **correcting** [Fra19b]. **correction** [HK16, ZTWL12]. **Correlated** [PPBD10, BPG+18, BM16, Che10, Ell15, MKRE18, NdORC11, PNK16, Rey13, RAD14, WMCL18, ZZC14]. **correlated/persistent** [Che10]. **Correlation** [ESW13, WZWY11, YTGW16, AGB+14, BE14, DCS14, DBG18, FSW+16, HgLL+10, JAB18, KDMD13, KN11, Kro10, LXS15, MC15b, RCD19, SB12, SCLC13, SS11, TMF17, ZYJL18, ZL18a]. **Correlations** [MK19, GCZ+12, dOGL10, dOGL13, HH16, HHD+16, HNA15, Sel10, TP10c, VDD12, WMHH10]. **corresponding** [DHT16, FS11a, FS15b, ZLZ+16, ZLB13]. **Corrigendum** [AEM14, BBM+13a, BBM+13b, BPGS12a, BMGC11a, CLG+11, CNG+12, DBBW11, EJ19, EPJ+11, FIS16a, FS16a, Fue15, GS14, GHS20, JS18, JRG14a, JCLS+21, KBS+20, KMLT14, LPB18, LBS+11, LGK+12, Lei10, Lio24, LHPF18, LPvSP12, ML12a, Mei13a, Mei13b, MLBA13, Mul12, NBC16a, PSS+13, PCT19, PP19, RTEKG19b, RTEKG19a, SCÁBM11, Sch21, Sch23, SRAL12, SYY17a, TSM13a, Van16b, WL12a, WLW20, YCH+17a, ZG10a, ZSCL16a, ZZR13]. **corroborating** [Di 17b]. **corrugation** [DS12]. **corruption** [HCW18, LSDI15, LJI17]. **cortex** [FHR13, NGL+10, Pat19, PW19, TWTA+18]. **Cortical** [DI13, AANF16, BTO14, KLN+12, KPD18, KPD19, RNN15, SSD11a, WZ12]. **Corticothalamic** [HRDL14, FJR19, SLR17, ZKR15]. **Corvus** [GSV11]. **Cost** [ZKMB19, Bac15, BR13, Fue14, Fue15, HB12b, Lar10, LP14, SRV11, SS15b, SS18, Tra16, VDH+15, WL19, ZZCZ17]. **COStar** [LDWW14]. **Costly** [Kis10, Akç12, BWL12, JR17b, MM18, Nak16c, SRV11]. **costs** [Fil15, GSL13, LLG16, PPBT11, vVE15]. **Could** [IK15, Dol16, FGAM12, OO11, PDL+17, RDD14]. **count** [LM15, LS13b, Mog15, TXWW12]. **count-guided** [TXWW12]. **counter** [Ber14]. **counter-strategy** [Ber14]. **counterpart** [RLSN14]. **counterposed** [Di 16]. **countries** [DB10, RB14]. **Country** [MDMG14]. **Country-** [MDMG14]. **counts** [HS11, YW13b]. **couple** [AAJ15]. **Coupled** [CXWL11, CKS15, HI19, MROS15, BTO15, BMF+18, CEKM+19, DGJ15,

For10, GM19, GL14, HPML18, KJ11b, MGC13, PBBB10, SW13a, SOCF14, SX12, TGLK19, WOB15]. **Coupling** [OSF11, WFM+13, WFC+14, ZS12, BRG+12, BTO14, CFZ14, DvDBD15, DBD16, FD11a, FH14, GMMN18, Hor11b, JAK19, KHH10, KTH16, Kuz19, MDB12a, MT14, NHS+16, SKAG18, SB19, SY12, TIS10, WMT16]. **coupons** [KFG15]. **course** [BBDB13, NS11]. **CoV** [SKPK17]. **covalent** [Dun11, SC13a, SC13b, Str17, ZJS11, ZZ10]. **covalently** [LLDW14]. **covariance** [FR13a, QZY17]. **coverage** [LLD+17, YTGW16]. **Coveting** [WMD+11]. **cow** [GKG+18]. **cow-** [GKG+18]. **Cowan** [CV19]. **cows** [BGF+14, CFR+14, CMR+18]. **Coxiella** [CMN+11]. **CpG** [HA15a]. **Cracking** [Nah14]. **cranial** [BFGAGA16, YKO+16]. **craniofacial** [BDID+12]. **crassa** [XCW+18]. **Craton** [Kur14]. **Crawling** [WL13]. **create** [CZPC+18, HA15b]. **created** [SI11b]. **creating** [KG13, PJ13]. **credible** [Di 16]. **creeping** [SAGAGB17]. **crescentus** [SK12a, Sht17]. **crest** [LFZN11, Sch19c]. **criminology** [SOIO10]. **criteria** [CJ12a, CZW+11, Gri15a, Kro10, Opr10]. **criterion** [Di 19b]. **Critical** [HSiI+19, LG13, APBS15, BCPM+16, CGvG+15, GXF13, HBT13, iHM17, MJV16, SCA13, SPH12, Van16b, Voh17, WMT10]. **criticality** [JRG14a, JRG14b, JRG14c]. **critically** [KKM12]. **CRM107** [YCL+17]. **crop** [ABR19, BSB14, SS11]. **cropland** [BCBD19]. **cropping** [RDMP11]. **crops** [AM14]. **Cross** [GCB17, HF17, MCL+11, BJJR10, CMD+10, FKK14, FZL18, HWW+14, HTB+13, KKOM18, LHFM16, MW13, MBK+11, OF10, OAS10, SDD15, SCH+19a, SCLC13, SJK18, SKS+19, VGL16, WCF12, WA14, XJ19, YCH+17a, YCH+17b, YST14, ZL18a]. **Cross-bridge** [MCL+11]. **cross-contamination** [MW13]. **cross-correlation** [SCLC13]. **cross-enhancement** [WA14]. **cross-feeding** [SCH+19a, SJK18, SKS+19, VGL16]. **cross-immunity** [CMD+10, LHFM16]. **Cross-jurisdictional** [HF17]. **cross-link** [FKK14]. **cross-linked** [FKK14]. **cross-reaction** [OAS10]. **cross-reactivity** [HWW+14, SDD15, XJ19, YCH+17a, YCH+17b]. **cross-regulation** [MBK+11]. **cross-specific** [OF10]. **cross-talk** [BJJR10, FZL18]. **cross-talking** [YST14]. **crossbridge** [ST17b]. **crossflow** [KA15]. **crosslink** [DBJ12]. **crossroads** [dlEBRM15]. **crosstalk** [RA13, XCW+18]. **crouched** [BBJDS11]. **crowd** [DS10a, ISB+11]. **Crowded** [OO17a]. **crowding** [Cza14, DHB15, Vaz10]. **crown** [Cam11]. **crows** [LZTD18]. **crucially** [IH17]. **cruzi** [KZ14, PKZ12]. **crypt** [BZL17, FBC12, MFMB12]. **cryptic** [BC15, CLPZ14, PDC+17]. **cryptically** [Sel13]. **cryptosystem** [Mor11]. **crypts** [YAK17]. **crystalline** [RCL+10]. **crystallization** [JM12]. **CSF** [BPLM12, CHN+15, SER+12, ZLM12]. **CSS** [Cre10]. **CTD** [NTC+11]. **CTL** [Lev14, SBR10]. **CTLA** [LZL+19]. **CTLA-** [LZL+19]. **CTLs** [ARM18]. **CTPB** [DK13c]. **cuboctahedron** [Den19]. **cuckoldry** [YY18]. **cuckoos** [LZTD18]. **cue** [Jen10]. **cues** [BJJR10, PDL+17]. **Culex** [VSD+17, YMZ18]. **Culicidae** [YMZ18]. **culling** [LSSG10]. **cultivated** [AM14]. **Cultural** [HLI15, Nak19, TI12a, CT14a, EL12, KS13, KLM14, ML10, Nak14, SC10a,

SN11, WL12c]. **culturally** [WF18]. **culturally-driven** [WF18]. **culture** [GS17a, GZFX14, HPM+17, KLM14, KWO15, KWO19, Nak16c, PMKM10, Saf13]. **cultures** [Aya12, BBS10, BPF+19, CWP+18, DBBW09, DBBW11, GMOP12, MMB18, PMKM10]. **Culturomics** [SD16]. **cumin** [MFM16]. **Cuminum** [MFM16]. **Cumulative** [CT14a, PC17, RAF+19, EL12, KLM14, KWO15, KWO19, MBBV14, Nak14, Nak16c, Tal12]. **curable** [HHA+13]. **curbing** [TXY+12]. **curing** [PRM11]. **current** [AOM19, Dim17]. **currents** [BHBH11, STKE12]. **curtailing** [KM15]. **Curvature** [DSF11, CL10, JTSG14, KPD19, KPS17, Mac11, MPK+12]. **curve** [DGL12, Opr10]. **Curved** [Mil16]. **curves** [Mar17b, PPT+16, RG17, Str15, TCH14]. **customize** [NSH+10]. **customized** [YD14]. **cutter** [KCMF11]. **cutting** [CLK18, RDMP11]. **cyanobacteria** [GWBL12, RSBB10]. **cyanobacterium** [iITIM15]. **cycad** [RBB+12]. **cycle** [AAAV14, ASK17, ANGPB12, AN12, BTO14, BTO15, BSR+11, CLHB11, DBBW09, DBBW11, EBE14, EBE17, FP18, GFM+19, GGG19, GMNY14, HS14a, HWPL12, JAK19, JS15, JS17, JS18, KRR14, KCS+15, KSPA17, LG12, MS13, MLT10, NIiT18a, OABI12, PRK13, PGHC12, POK+12, RSD+13, SB19, TDSM12, VHM+17, WLD+11, XSMF12, YFB+12, vVN12]. **cycle-regulated** [FP18]. **Cycles** [KdSUS10, BI10, CE17, GK17, JOAN14, KGB13, RL17, RS10, Ric19, RBB16a, Sat10, SC13a, SC13b, Str17, SY15, YRD17, tBdR18]. **Cyclic** [LG19b, Bec14, CLA17, GDJC11, KSK+11, LAJC19, LRGA13, SGD12, SGCD14, TBM+13, TR12]. **Cyclical** [LM11, ZML19]. **Cycling** [HVSZ10, LG19a, MK14a, Nak16a, RRÚJ19]. **cylinder** [KA15]. **cyminum** [MFM16]. **cyst** [GTB10]. **cysteine** [TAR16]. **cysteines** [GGX+10]. **cystic** [BTK14, KBV+15]. **cytochrome** [RS19]. **cytokine** [CDM+14, LHW14, NF16]. **cytokines** [RAR19]. **cytokinesis** [RD12, Wol14]. **cytokinin** [MBK+11, MBKB13]. **cytokinin-auxin** [MBK+11]. **cytometry** [OBK+11]. **cytoplasm** [AAJ15, SA17, TM15a]. **cytoplasmatic** [Vaz10]. **cytoplasmic** [Rad16, SWR11, SS15f, YTK10, YYB+19]. **cytosine** [KB10a]. **cytosis** [CKD11]. **cytoskeletal** [KHNM16, ONO15]. **cytosolic** [GDB+19]. **cytotoxic** [LG12, TALC16]. **cytotoxicity** [HGO+18].

D [LDWW14, LHPF18, RRC+11, BPF+19, CK17, DS15b, ESGA15, GBC+16, GM16a, GMMN18, HGGCR13, KKGN16, KMM18, MPCTGJ+15, Nos14, PHA+17, RMSTG13, SK15, TA16, ZKP15, ZSH+16]. **D-motifs** [RMSTG13]. **D-QSAR** [TA16]. **D-star** [LDWW14]. **D1** [ASRM15]. **daily** [BLV18, DDB10, WTC16]. **dairy** [AMSSG16, BGF+14, CFR+14, CMR+18, GKG+18, LSSG10]. **Daisyworld** [BG12, BLW11]. **Dalgarno** [SGD+16]. **Damage** [TALC16, ASK17, ADC19, CDM+14, Eli17, GA14, JSDEK14, KBE+13, KP16, LCTG15, MBBV14, VLPH17, ZSCL16a, ZSCL16b]. **damages** [MYK+11]. **Danio** [Hal17]. **Darby** [HHA17]. **Dark** [Das12, LRL+16]. **Darwinian** [CMM19, CS15b, GCM17b]. **Darwinizing** [Doo17]. **Data**

[Ana11, JWTW17, LZA+19, ZLB+18, ASH15, ABKS11, AHR10, AD16, BCPL10, BMI19, BWP10, BMB+18b, CR14, CPS19, CAG13, Dim10, EJ17, EJ19, GBIR13, GGCJ16, HYN19, HII+19, HW13, HZL+11, KKD18, KHX+19, KA16, LJM15, LAPK14, LZMM15, MSP19, MAMEA15, Mor19, MS14c, Mun12, NNK+15, NI11, Nos14, OGE10, PH13, PS13, PGLZ14, PBEI12, PBD13, QQL10, QYO10, RKMG12, RRRTR10, SS17a, SKH17, SWD16, SD16, SCKL15, SLW+18a, SKK+11, SGW+18, TZ13, TWH+13, TT17, VF12, WH14, XSKA17, YD15, ZMS11, ZLZ15a]. **data-dependent** [HW13]. **Data-driven** [Ana11, LZA+19, ZLB+18]. **database** [OSV+16, YXH+14]. **dataset** [CXC18, JZZK11]. **datasets** [SM17a]. **day** [VZB+15]. **days** [KK18]. **DBH** [WZ17]. **DC** [Moo14, SKGM19]. **DCIS** [METC12, NWB+10]. **de-differentiation** [Wod18]. **Deadbeats** [MG17]. **deadly** [KJM17]. **DeAngelis** [GG12, GG14]. **Death** [LNL+11, SGB19, CPW16, CMMR13, FWB+12, FLGGD+14, GTSP16, Hal12, HBSF11, KFA12, LAS14, LG10a, RAD14, SZ18, Sta10, SGW+18, TRM+14, WZ15, ZLL17, ZZS19]. **death-related** [FLGGD+14]. **deaths** [Zuc14]. **DEB** [EBS11, TTB+18, LAPK14]. **debate** [Tjø10]. **DEBkiss** [JMZ13]. **debt** [SIVH17]. **decay** [JKS15, NDZMA14]. **December** [Ano10-38, Ano10-43, Ano11-27, Ano11-31, Ano12-42, Ano12-30, Ano13-31, Ano14-44, Ano15-37, Ano15-40, Ano16-35, Ano16y, Ano17-37, Ano18-39, Ano18-34, Ano19b, Ano19a]. **decide** [ZZL+11]. **Deciphering** [AHMA+19]. **Decision** [AOT+11, GRR+14, LTSTD15, LNL+11, AHAFA14, BVJE17, CC11b, GJ15b, HIT18, RLK10, SM17a, SYI17, Sue12]. **Decision-making** [LTSTD15, RLK10, SYI17, Sue12]. **decisions** [AB16, Coo16, EM11, MPNP12, Mor19, SKPK17, vLSBBD11]. **decline** [Jus11]. **declining** [WWB14]. **Decoding** [PJ13]. **decoherence** [AOT+11]. **decomposition** [BJO+16, CZJQ14, PP14]. **decompression** [HRG11]. **deconstruct** [JTSG14]. **Deconvolution** [LB12, Lüt16]. **decorated** [ONO15]. **decoys** [MIH16]. **decrease** [KKO+18, VMZK+19]. **decreases** [HPvdB17]. **dedicated** [TK19]. **deduce** [GS10]. **deduced** [PKH11]. **deep** [IA17, MYK+11, TLPH11, WYL+19]. **deeper** [Di 19c]. **deer** [EEHMH18]. **defeat** [WS10]. **defection** [BYJ17, Bar11, CGD13, PTB12, ZLY+17]. **defectors** [GCS12, Sch10, WB19]. **defects** [Don16, NAK+11]. **Defence** [HK10, FB18b, HSR12, VB19b]. **defences** [BHR10, WCS19, WRC+19]. **defense** [DL15a, IEN15, ST17a, Yam16b, vVE15]. **defenses** [LH18]. **deficiency** [CB13a]. **deficit** [BFGS10]. **deficits** [SHG16]. **defines** [JZL13]. **Defining** [KC11a]. **Definition** [KDST15, BGD+13, Han17, NGND12, Pia19]. **Definitions** [LS16b]. **deformable** [BB15, CFGRB17, DV12, She10]. **Deformation** [MYK+11, DS12, LCA+15, MS14c, SW15, SAGAGB17, SGB12, THBM10]. **deformations** [SS14]. **Degeneracy** [WB10, LDH+12, MZM+16]. **degenerate** [LFW+15, TMF17]. **degenerated** [KB10a]. **degradation** [MTLW+10, TLL+12]. **degrading** [SBS17]. **Degree** [CAG13, JSP+16, Mar17b, SBK16, WL13, WMCL18, ZEJA11].

degree-correlated [WMCL18]. **degrees** [JCG15]. **dehydrogenase** [EBSW17, Pav14]. **Dejerine** [AD15]. **delay** [BT17, CV19, ESG+16, FWLW11, HLH+18, JP15, KCSB14, LS16a, LLL13, LBZ18, MSZW19, MS13, MS12b, MBP16, RCH14, SX12, SPA18, WYKT17]. **delay-coupled** [SX12]. **delayed** [BBI14, GT14, Iij12, JP13, KKWA18, LJ18, NKB16b, PJ13, UJLG14, WK17]. **delayer** [BB10]. **delays** [BH11, EKFV18, LZTD18, TAL19, WCHC11, ZZ14b]. **Delbrück** [Zhe15]. **deleterious** [AM11, CNDK15, JJ15, O'F11]. **deleting** [Sel17]. **deletion** [KDK14a, KDK14b, KGM15b, Ros15]. **deletions** [HTT19, Sel15a]. **delineation** [SS19]. **delivered** [BB19]. **delivery** [GSV16, KPS17, LLZ13, TBMM19]. **Delosperma** [KHB+18, KFS+13]. **Delta** [TSB+17, KA16]. **Delta/Notch** [TSB+17]. **Delta/Notch-mediated** [TSB+17]. **demand** [LAPK14, SGGHS19, Wal16, dM10b]. **deme** [HI12, WL14]. **deme-structured** [WL14]. **demineralisation** [IvLP12]. **demixing** [ZWvG10]. **Democratic** [OL19]. **Demographic** [Oku15, YRD17, Ada16, DFM+14, DB10, DCR18, LP14, LGBT15, MGCL13, MB10, PDSP13, PP17b, VDD12, ZL18b]. **demographics** [NTED+19]. **demography** [BBR16, GAY+11, NMAZP16, PSJ15, TRJD19, WKB13]. **demography-driven** [PSJ15]. **demonstrable** [MPC12]. **demonstrate** [AMFR+16, TCH14]. **denaturation** [Kue16]. **dendritic** [LSP13, LLDW14]. **Dengue** [TXTW16, ZN18, ABKS11, BLV18, GTC19, Gru18, HB16b, HTB+13, JWTW17, Lan16, LCC15, MHX+14, MDMG14, yTRSC13, NBBCC18, PVCEC18, SDT17, STN19a, SKK+12, SSG+19, WA14]. **denitrifying** [GGGM16]. **denoising** [TWC+19]. **Dense** [Thu15, YLY15, LSMC18, LIB+17]. **densities** [LAG+14, PKZ12, TGL15]. **Density** [GRBL13, HGHL10, MCPF12, NCN13, WCPF15, Bal10, BKR14, BH13a, CMS+19, CK17, Das18, DK13c, DZE11, EPP19, GBC+16, JSK16, KMZR18, KMHdlP10, KHRS10, KGC18, LS10c, MZWC10, MJ11, OGA16, PGH11, RWSB11, RB13, STA15, SSB+15, SBSE14, TKTB18, Tos11, Vaz10, VSW10, dG10b]. **density-dependence** [OGA16]. **Density-dependent** [HGHL10, MCPF12, WCPF15, Bal10, EPP19, RWSB11, RB13, SBSE14]. **dental** [IvLP12]. **dentate** [GMM15, GM16b]. **DENV** [TWR+18]. **DENV-NS3** [TWR+18]. **departures** [BBR12]. **depend** [CGHF14, SS11]. **dependant** [WKS14]. **Dependence** [DSLR18, Nij11, DL16, DZE11, EzMMH18, KHRS10, KG15, LS14b, LS10c, MBBV14, OGA16]. **dependency** [BB15, CSR+05, PHÁBAI+16, SRAL12]. **dependent** [Aya12, Bal10, BSB+13, BDLR12, BFM10, EPP19, FAFA17, FR13b, GRCdL16, GSV11, GKW16, HMTA17, HGHL10, HGO+18, Höh15, HW13, HTB+13, HT10, ITN+11, Jen10, JSK16, KMHdlP10, KJ19, KGC18, KH19, LAS14, LKK13, LH14, LLCC12, LLB+18, MB10, MCPF12, MAS15b, MKPVH16, NG11, ØW16, PRN10, RLW+14, RWSB11, RB13, RU16, RC16, SA17, STN19a, SSS15, SBSE14, SGD+16, SW13b, TGLK19, TSP15, Tos11, THBM10, WCPF15, Wax11a, Wei17, YI18a, ZCA+14, ZTT18, ZW16, vE11].

depending [HHA17, RS12]. **depends** [WGO+15]. **depletion** [FS11a]. **deployment** [GA16, LvdBP12]. **depolymerisation** [ADMR16]. **Depressing** [JSZ10]. **depression** [BB11b, HKS16, KPD18, KPD19, Ros13, YK11]. **deprivation** [FPR10, RTR+13, RRL+13, RLW+14]. **depth** [PLHL19]. **Derivation** [LAG+14, DS13, GG12, MJS11, MKBE17a, MKBE17b]. **derivatives** [MR18, MR19, POW17, TAR16]. **derived** [ARD14, BC19, DBBW09, DBBW11, DTP19, FHG15, KCM+11, KR15, LMM+13, NTC+11, SSM+18, VHS17, WL12a, WL12b, WLY+17, WSRG18, ZPdFJ19, ZNA+16]. **derives** [MPNP12]. **deriving** [BGLR+19]. **dermal** [MHMM11]. **dermatitis** [TDHC+18]. **dermis** [ØW16]. **desaturase** [PWH+13]. **describe** [BGD+13, NKOS11, PLF19, WSH+10, ZVMB10]. **described** [DD13]. **describes** [GB13, IGL+12, PRC15]. **describing** [JH12]. **description** [ABK+12, CJKR10, Dim17, HNO18, IDM15, IKHL16, MA10]. **descriptions** [MBS19, PLD+17]. **descriptor** [YYH+14]. **descriptors** [DHS+15, FHG15, FLCS+15, MPCTGJ+15, NBL10, NSBL10, NBL14, NLB14]. **desert** [MAW12, RSC14]. **Desertification** [ZUFM17]. **deserts** [BS19b, CW15c]. **Design** [pNMK+10, TM16, AKS+19, BC19, CRLH+19, Fra19a, Fra19b, GZ19, HAB+17, JRB+16, KTO+14, KAN11, Mig16, PGGvdB12, SSJK18, SMJS14, VGPS18, VBV10, WB10]. **designed** [PPF17, TDT16]. **Designing** [HS15, III17, JB19a, KRDJ15]. **designs** [YNY+10]. **desired** [Kon12]. **desmoplastic** [NF17, PM13]. **despite** [WWB14]. **destabilization** [GCYL18]. **destabilize** [Kis10, MGML10, TGC+17]. **destabilizing** [HWPL12, RAMS11]. **destination** [PTC13]. **destructive** [ACCR11, MSP19, NF14a]. **desynchronization** [BTR18, FW15, SY12]. **desynchronization/synchronization** [BTR18]. **detachment** [SMS19, SOCF14]. **detail** [SWG+15]. **details** [JG14]. **Detecting** [DGM15, For10, HBL10, NMZ19, WSK+19, WKH16, LMW+10, SD16, Tay16a, ZK10]. **detection** [AEZR+16, AK11, CPV16, Cut15, Fer12, GNB+13, JRR+12, JRMS12, JP13, LJM15, LYZ+18, LMJ+18, Lug15, MSND12, Mar19, OO11, PDC+17, PGGvdB12, PCC15, SVCS10, YYC19, YLF+17, ZLY+13]. **detector** [JSZ10, KL11, LJM+17]. **detects** [LZG+19]. **deter** [YLY15]. **determinant** [AOR17, CGvG+15, CZ14, Cle18b, HWTN15, HH13, IM18, QZY17, Van16b]. **Determinants** [US12, Ada16, Bur10, HB13a, KI15, MDM16, Pav14, RS14b]. **Determination** [KCSB14, SSS15, ADCG14, CSKF10, Kam11, KFG+14, LF13, MÇ15a, MBK+11, TEY16, TC12, YHI14, YI18a]. **determine** [Bal13, CCS18, CS15a, Dol16, Don17, GSL13, LN13, MFKS13, RC13, TDHC+18, VM16]. **Determined** [PP18, PP19, SSI+16]. **determines** [KKM12, SCÁBM10, SCÁBM11, TRJD19, VY12, ZAL+19]. **Determining** [ADR11a, NRKE18, SABB15, SN17, YAK17, ZFWK17, AGRR+15, GLR+18, GVCG12, KK17b, PKH11]. **Deterministic** [LDF+11a, PJ18, IGL+12, Pag19, PMW12, RBKW19, SAB10, ZZ10]. **detrended** [SCLC13]. **detrending** [DSTD19]. **develop**

[CBGS18, MFG+13, SWTO15]. **developed** [HKR+19, MZAI19]. **Developing** [SCF+12, WDL+13, BCS+16, GBN14, MK16b]. **Development** [FSA15, HBA10, ISZ18, KMA10, MBC+12b, MBCM12, ŚKSRW16, ALD+11, ASF+15, BTO14, BSR+11, BFGAGA16, CCNT19, CM12, CCB11b, CEP14, DTGD19, DM10a, DDB10, FWB+12, GLZ+11, GC18, Hal17, HTM15, iHIM12, KKOM18, LMC+13, LTZ17, LH13, MM12, MFMS+18, MBK+11, NHE+16, OCN10, PAS10, PHH18, PPC+17, SBSR13, SGGY10, SWSLMJ19, SSRA16, TSB+17, ZZL+11]. **Developmental** [STNT17, BLNR15, BBDB13, HJWC11, LHD+17, Vel17, WKH16, ZZS19]. **developmental-dynamics** [LHD+17]. **deviations** [DPCM16]. **devices** [FPG11]. **DEVS** [ANMH11]. **dForml** [NMZ19]. **DFT** [DK13c]. **Dharmendra** [Pan19]. **di-** [Kři14]. **diabetes** [BSR14, BMM+14, JDPK15, JDSPK15, KSU+18, KCSB14, RAA+16, WHS+13]. **diabetic** [BPS15, LLB+18]. **diabetically** [HBA17]. **diabetics** [CTW10]. **diacylglycerol** [CHD+10]. **diagnosed** [Jam16b]. **diagnosis** [EAN14]. **diagnostic** [RRG+12, SHSR15]. **diagram** [MMY+12, Zho11]. **diagrams** [AJM19]. **dialect** [FM15a]. **diameter** [BSV+10]. **diapause** [TI13]. **diauxic** [BRG+12, Chu17]. **diauxie** [ABK+12]. **dichotomic** [FDS13]. **diclofenac** [PYG+19]. **dictate** [POP+19]. **dictator** [SSM15]. **Dictyostelium** [ANK10, FIJJ11, MGT17, PWE15, SN12, SSS17, Tre19]. **Dictyostelium/Pseudomonas** [FIJJ11]. **did** [Di 14a]. **didactic** [CD16]. **Diet** [All11, Kři10, Rem15, TBA14]. **dietary** [POK+12]. **Difference** [MYN+13, MYN+15, LL17b, Ots11, TBA14, ZZK14]. **Differences** [OGA16, ABKS11, Cam11, FS12, FBK11, KLM14, MS18, MM15a, Oko15, PVB+10]. **different** [AK11, BMN16, BHR10, BKL14, CZN12, lDsWM+15, DDF+14, DHT16, Eft13, FtL18, HSG+18, HY13, ITR+18, JYZ18, KDG13, KMCJ17, LZ18, LDdA+13, MHKA16, MNSZ16, MAR+17c, NF14b, NGND12, NBL14, Pan11, PGGvL+19, PBD11, RBMS17, SMM15, SS15e, SGW+18, SAZ+14, TIS10, TG10, UI10, VLFF12, WP17, jWlGQ19, WRC+19, WLL+14]. **Differential** [OAJK10, BMM+14, ESG+16, EAN14, FWLW11, GGM15, HJLNZ11, HLH+18, JCLS+11, JCLS+21, MBCM12, NBC16a, NBC16b, OOY16, PCHM10, VH11a, WP17, Zad11]. **differential-equation** [GGM15]. **differentially** [ZZC14]. **differentiate** [ML12b]. **differentiated** [FM14b, HMJB15]. **differentiation** [BF13, CW15c, GMOP12, Gol10a, Gol10b, GZT15, iITIM15, KP12, KUV+10, NKOS11, PWE15, RSBB10, SCÁBM10, SCÁBM11, ST16, SLL18, SB19, TZ11, TWB16, Wod18, YM14]. **differs** [Mal15]. **difficile** [JEA18]. **diffuse** [CL14]. **diffusible** [ON14, ZGS+10]. **diffusing** [LDHD14, PB16, RS14b]. **Diffusion** [Flo11, MC16a, PH13, AGRR+15, ATB14, BTG+15, BF16, BMB+18a, BI19, CWW18, CFGRB17, DK13b, DM10a, GHBC14, IGL+12, KBS+19, KBS+20, KM19, KGM+15a, MB19, PWL+11, PD16, RLK10, RV16, RRRTR10, RRTR12, RRRRSPTR16, RSR11, RHT18, Sch18, Sch21, SAB+19, SSvdM10, SKPK17, SSS15, SOBC12, TGB+18, TWW19, TC11, Wax11b, ZM10]. **diffusion-driven** [KGM+15a]. **diffusion-reaction** [ZM10]. **diffusive**

[ZZ14b]. **diffusively** [Lab16]. **diffusivity** [TSMB14]. **digesta** [TF18]. **digraph** [cLCJ+10]. **dihydromethyltrisporate** [EBSW17]. **Dilemma** [CZ14, GCS12, Lai18, MRPN12, ZLY+17, BLS+17b, CW14, FWW18, FNH10, JC16, Lai11, MN11, PCN17, TP10a, WLW19, WLW20, YA14, ZZC10, ZGWL14, ZZCZ17, MI19, PM10a]. **dilemmas** [AS12, CGD13, MR12, NO14a, NO14b, NR16, SSC13, WMD+11]. **Dilution** [HvLPdB15, PPW16, CFR+14, CMR+18, NKL10, SKAG18]. **Dimension** [ZS10, BVK10, PHTP+12, RBB16b, SKK+11]. **dimensional** [AGPK13, ATB14, BTH+13, BG12, DHHP14, EBP15, FZ14, FJC+10, IMD16, IS16, MPY14, Mon18, MAA18, RMM+16a, RBB16b, SMZ+17, VBVD17, ZR16]. **dimensionality** [QW11, YYC19]. **dimensions** [Edu16, HB13b, RVA+11]. **dimer** [FS11b, WLD+11]. **dimeric** [GWX17]. **dimers** [SRS+15]. **dimethylarsinic** [BTF19]. **dimethylarsinous** [BTF19]. **dimidiata** [MMG+16]. **diminishing** [FOT+15]. **dimorphic** [YHI14, ZAL+19]. **dimorphism** [Mor13]. **dimorphisms** [AM10]. **dinoflagellates** [JSWY19]. **dinosaur** [PC17]. **dinosaurs** [BJB18]. **Dinucleotide** [FGGS15, FS16b, MPP16b, WZWY11, ZK18]. **dinucleotides** [GZY12]. **dioxide** [LCMC14]. **dipeptide** [KHKI17, LD11]. **diploid** [BID15, Fis19, HT16, Ots11, SLL18, TT10b]. **diploids** [Gra14]. **Diptera** [YMZ18]. **Dipteran** [FH10a, FH10b, TB11]. **Direct** [DLM+19, HB13a, SNC12, CB16, GVSLG16, GSF13, GN10, KI17, PVGA12, ZLY+17]. **direct-acting** [GN10]. **directed** [ABD+15, SSZB15, SGW17, SMJS14, VSP11]. **direction** [Sel12a]. **directional** [BPG+18, BHP17, FH10b, ID14, RCD19, SYI17, SG18, WD11]. **disassembly** [BZ10]. **disaster** [GA16]. **discoideum** [MGT17, PWE15, SSS17, Tre19]. **discontinuous** [GT15]. **discordance** [SPG+18]. **discount** [DHP11]. **discounted** [LW15]. **discounts** [AK11]. **discourses** [SS19]. **discovered** [PGGvdB12]. **Discovering** [Ayd18, SFV16, SG15b]. **discovery** [CTSL11, GBC+16, GDPPSS+11, wLW10, SDRA+15]. **discrepancies** [CK17]. **Discrete** [FS16c, GI15, Yat14, ANMH11, AEM13, AEM14, BSKV18, CL17b, Che10, Cor16, Cox10, GLR+17, GW13, Gol10b, GPT17, Iij12, JMK+17, KA11, LP12b, LC16, RA18, SKD+10, TSS16, ZLDZ13]. **discrete-cell** [Cox10]. **Discrete-time** [FS16c, Cor16, GLR+17, LP12b]. **Discretionary** [MG17]. **discriminant** [KF15, Pav14]. **Discriminate** [MIH16]. **Discriminating** [FL13]. **Discrimination** [KHK15, AH16, AHJ18b, Coh15b, CBP12, FHW+10, IL12, Mei14, NNK+15, PDM17, SC12, TCYY+12]. **Discriminatory** [PDB+15]. **discs** [Che19]. **Disease** [GA16, GLZ+11, GGM15, MPLK14, AZOLVH18, AOM19, AKR+18, ADS+19, AB16, ABN15, BM12, BN15, BGLR+19, BDR10, BZ10, CFZ14, Coh15a, CG14, DFM+14, DGM15, DD13, DSTD19, EME+16, ERT13, FGJ10, GGL+16, GRR+14, GMS+13, GMR16, HAuR+18, HYSG19, HRHAAA15, HSG+18, HZL+11, HvLPdB15, IMW15, JAB18, KKD18, KGJ12, KEG17, KST17, Lan16, LN19, LNH13, LSSG10, MV10, MPS16,

ML10, MMG+16, MYOS14, MvAKR17, MW13, NKM+12, NG17, NC15, OA12, OA11, OVKL14, PS13, PBP15, PGKZ17, QZ14, Rao12, RSH19, RB14, RBF15, STJG12, SKPK17, SY11, SLJ+10, TB15, WB15, WN19, WBRHE10, WDL+13, YC15, ZLL17, ZJY19, ZZL19, ZLT+19, Ana11].
disease-behaviour [JAB18]. **disease-free** [BDR10]. **disease-induced** [ZLL17]. **diseases** [AL17, BH13b, BB10, BPR15, CR14, CBC+18, HHN14, LWRE14, MCRG18, MS12b, MS12c, OSV+16, PS13, PKZ12, RSD12, RB15, Ros11, TXY+12, TDW16, WW12a, YZMY18, ZC14, dM10b]. **Disentangling** [VZ19]. **disequilibrium** [LMW+10]. **disinclined** [PC17]. **disintegration** [HBSF11, LT11]. **dismutase** [DWM15]. **Disorder** [RFS+15, HGM15, JPBM17, RM17a, RCL+10, RA17, VHM+17]. **disorders** [PG18a, PG18b, PPC+17, Wal10]. **disparate** [GP11a]. **Dispersal** [AdVG15, BBM+97, HB12b, KA11, Kis16, LS10c, AWRD15, Alv19, AGGME18, BS19b, BBM+13a, BBM+13b, BBM+13c, CVO+15, DGJ14, DGJ15, EKFV18, FPD15, Gar10, GH11, GPR+16, GPT17, HGHL10, HM11b, HASM17, Jab10, JHE15a, JHE15b, KK17a, Kis10, KJ11a, KW15, KJ15, LNH13, LK19, MSZW19, MCPF12, MAL+11, NG11, NG17, NP11, NPS17, NPS18, PMD11, PGH11, PBA12, Ros10b, SCF+18, SRCF11, TRG16, VZ19, Wan19, WK15, WK17, YLW+14]. **dispersal-limited** [Jab10]. **dispersers** [NP15]. **dispersing** [HH16, HHD+16]. **dispersion** [GMNY14, Js12, KKWA18, Kro11]. **displacement** [Che10, PIPB10]. **disposition** [Zho11]. **Disrupting** [OA11]. **disruptive** [LHD15]. **dissect** [CRLH+19]. **Dissecting** [LCDH15]. **Disseminators** [CWW18]. **dissimilar** [ABP+11]. **dissimilarity** [DLYZ11]. **dissipative** [MDVT10]. **dissociation** [FLW16, IIVR10, Xie13b]. **dissolution** [ZSW+14]. **dissolved** [NR14]. **distance** [ABP+11, BdABY13, BS19b, BHSB11, BvLH14, CLC11, CR16, DGMY18, Fan11, FPD15, Hua16, LTSTD15, LLL+17, PGH11, QZY17, YW13a, YHY14]. **distances** [DGMY18, Mul11, Mul12, OGO19, SENS+17]. **distinct** [PCT11, PCT19, Pan19, RMF+18]. **distinction** [IL12]. **distinguish** [Mas18, SQS+12, SY11]. **distinguishability** [LKO+17]. **Distinguishing** [AGB+14, MBM11, LLS+15]. **distorters** [YTK10]. **distortion** [LLSO13]. **Distributed** [KS15, CCS15, HT19, ISZ18, LCG+15, PDT+10, RKMG12, RPCW18, TAL19]. **Distribution** [OBK+11, POLT12, SS12a, ZLZ+15b, AD16, BKR14, BH13a, Cam15, CPF+13, CW11a, CW11b, CF11, DYS+13, DK13c, EPP19, EBX17, GVGC15, Gol16, Kär11, LdLK11, MSK10, Meh17, MYLK11, MC15b, Nak12, NYSM12, Par15, PWHW16, Pia19, RTRRS+17, RRB10, SSI+16, Sch14, SJSG13, Su16, SM11b, SCT12, SSRA16, TLR14, Woh15, XGZ17, YZW10, YZZ12, Yin17, ZMS17, ZL18b]. **Distributions** [ZS10, ALH10, BR15, DLL+18, Don13, DZW10, FVC15, GFM+19, Gol10a, JL11, KS14, KS15, KdSUS10, LLLV11, LLG16, LSC+18, MJS11, MTKY11, MPY14, MS16, MDM+10, ML12b, MB16, Mul11, Mul12, Por13, SSH+19, SY17, SBM+12, TKKE19, TLM14, Wei12]. **districts** [LG18]. **disturbance**

[HHD+16]. **disturbances** [BZA16, GDF17, KSSM11, VAT18]. **disulfide** [KJH+19, MdFDM10]. **diurnal** [HCS+19]. **divergence** [AP13b, LZ18, Oka12, Rei12, SS15d]. **Diverse** [STN+19b, AAGO+17]. **diversification** [DI10b, GHBC14, HD11, IMD16, LS13a, NI19, PMR11, TGLK19, ZYD15]. **diversified** [IS17]. **diversion** [LRL+16]. **Diversity** [Mal15, RT19, Sat10, CB17a, CdPD11, DLSD15, Edu16, Ezo19, FR13a, GWE11, Gre16, HDNB10, KDFM14, LS13a, MFMPS10, MP13a, MFKS13, Moo14, NdORC11, SC10a, SPLP12, SSI+16, SAM17, SS12a, SPCM18, Su16, SLW18b, TD18, Tjø10, WL12c, WFZW13]. **diversity-area** [NdORC11]. **diversity-stability** [FR13a]. **dives** [IPMH12]. **Divide** [JH11]. **divided** [BCK19]. **diving** [Tra16]. **division** [AUE15, AKdV+14, CL13b, Gon13, HHG14, HTM16, HMJB15, LCTG15, LAG+14, LS15b, Lee16b, LL17a, LPTR14, MMJB17, NF14b, NSKO18, OKVN18, PW19, RC13, RSBB10, ST16, SLM17, Wal12, Zhu11]. **divisions** [STH18]. **divorce** [MB10]. **Dkk3** [MPZK16]. **Dll1** [BF13]. **DMA** [BTF19]. **DNA** [FS16a, dOGL13, JS18, ZSCL16a, ASK17, AFS19, ACH15, BBT+15, BKL+15, BWS10, BSB+13, CK16, CL17b, CLL18, Den19, DDLW10, DLYW13, DHB15, Eli17, FHW+10, FLM18, FS15a, GSS19, GY18, dOGL10, HRC+12, HMMSRSD15, HA15a, HYZ+15, HYZS14, HYW11, HY16, JS15, JS17, KKD18, KBE+13, KRDJ15, KP16, KK12b, Kue16, KDL16, LZA+19, LF10, LLDW14, LTP19, MPC12, Mor11, NHSX14, PRN10, QQL10, RSS+18, RFM+12, RVP19, Sel14b, Sos18, SCS10, SCLC13, TBB14, Tri10, TS17b, WZWY11, Xie11, XM11, Xie15, Xie18, YZZ12, YLC16, YCY14, Yin17, ZARK19, pZWZ+16, ZSCL16b, Zol14]. **DNA-binding** [RSS+18, pZWZ+16]. **DnaA** [ZS12]. **DNase** [ZZC+17]. **Do** [CS15a, GSL13, KLN+12, STJG12, STH18, AM10, AD13, HHMT19, Hou15, LLW15, LRH15]. **docking** [BGCB12, FHG15, FCS18, GBC+16, HAuR+18, KJM17, KHH+17, KGM15b, PYG+19, RMM+16b, RM19, SW13b, TWR+18, TLT+15, TAR16, TMS13, TA16, YNY+10]. **Does** [BBJDS11, GF11, Oht12, RDMP11, RSC14, TMHM12, ZCW13, AR11, BEK10, HNP18, HNR14, KMH19, LCHMP16, POP12, RWH16, Sat18, SM16, SLL18, SS11]. **DOF** [HMMSRSD15]. **dog** [LLN+19]. **dolphin** [SZ15a, SZ16]. **domain** [ADS+19, CL14, DS15b, DAVS11, HWW+14, HBSF11, LHL+14, NZZ19, NHTS14, PSAA13, SCsMzX18, SRS18, WHZ+17, ZJSC16, ZLW+19]. **domain-based** [ZJSC16]. **domain-domain** [PSAA13]. **domains** [ASGE14, CL13a, DI13, Di 18, Di 19c, DV12, EKFV18, IK15, JSZ12, Kri18, MK18b, SGKCP19, SV17, Woh15]. **domestic** [HT13, NKL10]. **dominance** [BI10, Cam11, CLA17, FVC15, GDJC11, LBJ13, NBS+13, PS12, SGD12, SGCD14, SLL18, TR12, WTZ+11, YRD17]. **dominance-subordinate** [NBS+13]. **dominant** [WRH+16]. **dominated** [KH19, SCF+18]. **dominates** [GJ12]. **donation** [HSLW16]. **done** [OO11]. **donghaiense** [JSWY19]. **donor** [MSRW16]. **don't** [Pan11]. **Dopamine** [PJL14]. **Döring** [DFMR19]. **Döring-type** [DFMR19]. **dormancy** [Aya12, DBM+18, Kar16]. **dormant**

[MM12]. **dorsal** [ABH+11]. **dorso** [SSKK17]. **dorso-ventral** [SSKK17]. **dosage** [Das18, HAB+17, YD14]. **Dose** [RLW+14, RKK+19, BH13c, CHN+15, GMS+13, HPvdB17, LH14, LHD+17, LIB+17, SW19]. **dose-dense** [LIB+17]. **Dose-dependent** [RLW+14]. **doses** [RHJ11]. **dosimetry** [BHH+14]. **dosing** [FM10, LN13, NSH+10]. **Double** [PWHW16, BKL+15, CL17b, KFL12, Kue16, KDL16, SNCM12]. **Double-layer** [PWHW16]. **double-strand** [BKL+15, KDL16]. **double-stranded** [Kue16]. **Dove** [Ayd18, DN18]. **down** [ARB13, LG13, MPS+11, SC10b, XNW17, YRD17]. **downstream** [ZZL19]. **Downy** [PS12]. **doxorubicin** [EPJ+09, EPJ+11]. **DPC** [KHKI17]. **DPD** [TAB+13]. **DPD-PDE** [TAB+13]. **DPP** [RSS+18]. **DPP-PseAAC** [RSS+18]. **Dr** [BD10b]. **Drafting** [SZ15a, SZ16]. **Drag** [LWY+16, JLH+15b]. **dragonfly** [LS10b, LS14a]. **dramatic** [VK10]. **draw** [cSGFB17]. **drift** [Bro13, FCS18, Gal11a, JJ15, NMI18, PMR11, RG10, SMdA16, Wax11b, ZW16]. **DRIN** [PJL14]. **drive** [EA17, HMM17, Kun16, MH12, OGA16, TR12, XKCG15]. **driven** [Ana11, ACCR11, AP13b, CFGRB17, Chu18, DHHP14, GPT17, Han12, HH16, HLH+18, KB15, KFA12, Kin18, KGM+15a, Kue16, LZA+19, MC16a, MH13, MA11b, PSJ15, SK10, TS17a, TWH+13, Urs14, US12, WF18, WDL+13, YMZ18, ZLB+18, dM10b]. **driver** [BST14, DBB14a, HRCA19, MGB17, Pol12]. **drivers** [AHP+19, FR13a, LPP+19]. **drives** [EA19, KEKB18, KMCH14, RM13]. **driving** [HM15, WDL+17]. **drones** [LWY+16]. **Dronpa** [HYZS14]. **drop** [BKR14]. **droplet** [ZWvG10]. **Drosophila** [Che19, DM10a, DM19, GAL11b, iHIM12, MBM11, RGG12, Sel12b]. **drought** [JMK+17]. **drowsy** [BVK10]. **drug** [BS15a, BJ18, CWM11, CDO17, CTSL11, CL18, CGW18, DK13a, GY19, HNP18, HAB+17, HZC+10, JSDEK14, KHP+12, Kle14, KS10, LP19, LLZ13, MPM10, MVH11, NLB14, OA15, PYG+19, PRV+14, RAF+19, RDSD+12, SBM+16, SMJS14, TAR16, WCM15, XMWC13, XSMF12, XXD+17, YD14]. **drug-resistant** [CL18, LP19]. **drug-target** [RAF+19]. **drugs** [GSSBF18, GSV16, LF19, LBW+13, LT14, MAFB18, PPC+17, PBSM19, RCL16, WHH17]. **dry** [DDS13]. **dsDNA** [AN13]. **DSSB** [AD15]. **DTI** [PH13]. **Dual** [MAMEA15, EI13, For10, HZL+13, MNSZ16, OGA16, TSF+19, WMT16, ZGY11, ZCA+14]. **dual-cell** [For10]. **dual-lattice** [EI13]. **Dual-porosity** [MAMEA15]. **Duality** [BYJ17, FVTS16]. **ductal** [GCSP17, METC12, NWB+10, SGGY10]. **ducts** [FKMG15]. **due** [AJC12, ABR11, BSP18, CK17, Cza14, GN10, KKS+14, MK14a, SMM15, SBM+16, SRCF11, STKE12, SL19, VB19b, WZ18, YiTS19]. **dung** [BBR12]. **duplex** [LF10]. **duplicated** [Das13]. **duplication** [HNV+16, KII19, Ots11, SAZ+14]. **duplications** [bCRS17]. **duration** [CF11, LMCW18, MGS16, PGS10, YTGW16]. **durations** [BR16]. **during** [ASC15, AHAFA14, ALD+11, BTO14, BAGG14, BRN15, BTK14, BBRT12, BKPV15, BFGAGA16, CLPZ14, Che12, CL18, Chu17, Cle18a, Cle18b, Cox10,

CHN+15, DPRSS11, DL15b, DAA17, DB18, DDF+14, EJK16, FWB+12, FM10, FPR10, GWBL12, HWMT17, HM10a, Hal17, HPM+17, HMH14, HHE19, HRG11, IS12, ITR+18, JV14, JMK+17, KHB+18, KCS+15, KG12, Kuz19, KK18, LCTG15, LAH+16, Lee16b, LMC+13, LSM17, LO15, LRA+13, MYK+11, MMLK11, NPS17, Orr19, PHH18, PDRC16, PC10b, PVGA12, RRL+13, RLW+14, RJSC18, RS14a, SEK+10, SK15, SKGM19, SHB+17, SK10, SGS15, SAGC12, SSKK17, SP14, SNCM12, Tak17a, TEW12, TDE12, dlRVFK+16, VF12, WDL+17, Wil11, Xie13b, YM14, ZTWL12, ZWY15].
durotaxis [SVMN11]. **dusty** [BTK14]. **Dwarf** [YSYI13, YYST13]. **dwell** [Voe18]. **dwell-time** [Voe18]. **dyad** [GU13]. **Dynamic** [CS11a, CLA+16, DFM+19, FWB+12, FRG+13, FWR19, KV15, KAZ13, LS14a, LS19, MMJB17, NHS+16, RSH19, SK15, TI12a, WOB15, dM10b, AJD11, BTG+15, BB10, BHH+14, BTW11, BC13, CTW10, CW15b, CLP11, Cre10, CMGN17, DAVS11, DB19, Don17, EBS11, FD17, GAL11b, GHBI16, Gol10b, HAuR+18, HH16, HHD+16, JSWY19, JRMS12, KMZR18, KK12a, KMM18, LCJ16, LM14, LDWW14, LBS+14, LPD+16, MHC16, MN11, MP13a, MPC12, MZAI19, MAS15a, Mun12, PDG17, PSS+10, PSS+13, PKL12, RRBM12, RS12, SNS17, Sat10, Sat14, SGA+12, SVSP15, SHW16, SA14, SY15, TTG19, TDHC+18, TB11, TXWW12, TXCW15, Tay16a, TLK19, WCJ11, WHH17, WYL+18, XSKA17, XS13, YA14, ZMNd+10, ZCSRG12, vV18, AKNP18, TTB+18]. **Dynamical** [GCB17, LMYL15, LLL13, PaCZ10, VLCM10, AdGM12, CST+12, DFM+14, FLA+19, GB13, GML10, KLB+16, Lai18, NBA+18, OA15, RWSB11, Sim14, Xie13a, ZJY19].
Dynamics [BBM+97, CFF11, FTS15, FHS+14, GL14, GM16a, HJR12, ITR+18, KGJ12, LCT11, LLJ18, LPTR14, MMH+12, MFKS13, MW13, Por13, RB14, SPSP12, SHK14, SC16, TF14, WSVT14, Xie13b, ZYJL18, ASC15, AR11, AGPK13, AOM19, AD15, ADS+19, ABKS11, AHKN10, AH12a, AY15, Akç12, AKS+19, AMBH+13, AMSSG16, AMFR+16, AGRR+15, AABS16, AN12, AdlPLMZ13, AP13a, APW10, AM12, Arc14, Arg12, AWK15, ALD+11, BYJ17, BC19, BPS19, BA10, BRG+12, BCPL10, BM12, BDS12, BLV18, BPFR16, BZCS10, BBI14, BWY+17, BHKR14, BN12, BN15, BMB+18a, BJWL15, BBM+13a, BBM+13b, BBM+13c, Bon10, BK19, BBRT12, BMF+18, BPLM12, Bue15, BHO+18, BJ18, CHD+10, Cam11, CML10, CC11a, CMS+19, CFZ14, CN12a, CS18, CZN12, CNL14, CFL+15, CWF+16, CVPCV+15, CSM+14, CS14b, CG14, CA18, CH18, CPPLAB18].
dynamics [CHN+15, CSZT12, CGW18, DB10, DS19a, DMM+14, DMO+17, DM11, DSLR18, Del12, DL12a, DEN+11, DG16, DGJ14, DGJ15, DHBS19, DRC11, DCN13, DCR18, DHB15, DFMR19, DP13b, DHRA10, EKFV18, EUM+16, EN15, ECP+16, FH10a, FH10b, FHLM10, FK18, FMS+10, FtL18, FGGT15, FKV19, GLR+18, GAL11b, GVGC15, GAGP+14, GCSMMG+12, GDS11, GMNY14, GXF13, GC18, GMMN18, GP12, GY18, GN10, GAV15, GPT17, GAY+11, HBK12, HT19, HSD11, Han12, HI19, HII+19, HBVP15, HNO18, Hau10, HNR14, HTM15, HE16, HKS15, HFT+18, HB16a, HAH19, HBT13, HVL11, HR14, HSM17, HH16, HWPL12, HHE19, HB13a, HBW+11,

HTB+13, HHT+19, HPW+13, HWL15, HHN14, HSLW16, Hur12, HR12, IMM16, Iij12, IGL+12, IS12, IK16, Jab10, JB18b, JYY+18, JSSZ12, JL16, JSB15, JMK+17, KJM17, KHH10, KSP+14]. **dynamics** [KHP+12, Kea16, KMHdlP10, KGP+15, KFA12, KB19, KGK10, KR15, KLJ17, KKU+10, Kla10, KDMK16, KL10, KW10, KKYV18, KGC18, KGM15b, KSK+17, LJM15, LG10a, LS10a, LCC15, LvBJ16, LP19, LHV16, LW15, LMCW18, LGR+12, LYW11, LHD+17, LPH18, LPH19, LP12b, LJS14, LH18, LJW+16, LCDH15, LC16, Luk14, LW18, MTKY11, MPJH13, MZ17, MRPN12, MKKS14, MDVT10, MPP+16a, MCC+17, MBLV10, ML14, MMAS13, MFG+13, MKMT14, MS10a, MS18, ML10, Mob10, MSE+14, MS10b, MGM13a, MZMM+14, MPNP12, MMRCCC10, MS14c, MA11b, MBP16, MI11a, Mou12a, MYOS14, MCCC+10, MvAKR17, MSIR10, MG15, MSL+16, NIiT19, Nak16a, NCLB16, NSO15, NTED+19, NZZ19, NG17, NC15, NP13, OB15, Oht10, Oka15, OUMA10, OB10, OOY16, OAJK10, OBHS19, PAA11, PPBD10, PM11a, PBR17a, PR18, PT10, PNL15, PVB+10, PSV17, PW18b]. **dynamics** [PCL+15, PGKZ17, PZLF19, PM17, PMYHR12, PP17b, PKH11, PRM12, RW16, Rad16, RMF+18, RN12, RFS+15, RW10, Rem15, RB13, RBHK14, RBB16b, RSD12, RG17, Ros10b, RM19, RRÚJ19, SM14, SSPP15, SK19, SU11, SW15, SFT14, SBR10, SVB+10, SI19, SW17, SBR16, SV17, SCF+12, SKPK17, SMJS14, SW11, SKS15, SC11b, SAB17, SOCF14, SG15a, SP11, SY17, SSME10, SGS15, SLC12, SLO10, SLS17, SS11, SK11b, SSN+14, SYY17a, SYY17b, SST19, SPL14, TED10, TBM+13, TLCZ12, TCR13, TGC+17, TDKJ15, TRM+14, TK19, TMS13, TMD14, TRJD19, VSD+17, Vel17, VABS18, WWY12, WCPF15, WCW15, WJL+16, WML16, WYKT17, WML+17, jWlGQ19, WW19, WMHH10, WGC13, Wod18, Xie11, Xie18, XYZ15, Yam16a, YI18a, YNY+10, YBT+17, YFB+12, YST14, ZARK19, ZBA14, Zha10a, ZZ14a, ZZ18, ZN18]. **dynamics** [ZKTK10, ZWG10, ZSW+14, ZLM12, ZSCL16a, ZSCL16b, ZZR10, ZZR13, ZRZ15, dTKDV15, vV11a, vdBD10]. **dynein** [CL10, SS15f]. **dysfunction** [LFW+18, WHS+13]. **dysplasia** [MGM13b]. **dysregulated** [HZL+13]. **Dytiscus** [Whi11].

E-cadherin [WGS10]. **E.** [RG10]. **each** [RG17]. **Ear** [CZJQ14]. **early** [Bau18, CCB11b, CPV16, CTSL11, CEP14, DI13, DTGD19, DM10a, DCR18, Dun11, FD17, Fra16, JAB18, KG12, KC11a, Lab16, LJ15, Lev14, LJS14, MSBB13, PHTP+12, PGGvdB12, PR17, SBB18, SCS14, Tre19, VDD12, WBMM18, YM14]. **early-detection** [CPV16]. **early-stage** [Lab16]. **Earth** [Di 18]. **East** [DB18, EAN14, LCJ16]. **East-west** [DB18]. **eating** [DDF+14, JPBM17]. **Eavesdropping** [KL10]. **Ebola** [Ada16, BGW15, DE17, HSLW16, JB19a, LN19, LLD+17, PZLF19, RPP16, TDW16]. **EBV** [CRLH+19]. **EC** [RMSTG13]. **EC-numbers** [RMSTG13]. **eccentric** [GAPK10]. **echinococcosis** [KKUM10, WZJ+13]. **echinoid** [CS11b]. **echolocating** [VP18]. **echolocation** [LA15]. **eclectic** [TT17]. **EcmPred** [KPK+13]. **Eco** [HBT13, KK13, Urs14, AIB+19, FtL18, HCS+19, KGB13,

KDMK16, LH18, SKAG18, YBT+17]. **eco-evo** [FtL18]. **Eco-evolutionary** [HBT13, KK13, AIB+19, KGB13, KDMK16, LH18, SKAG18, YBT+17]. **eco-genetic** [HCS+19]. **Eco-hydrology** [Urs14]. **Ecological** [BUL12a, GLR+17, JMS12, KEKB18, SY15, TCW14, APBS15, All11, ALH16, BWB11, Bal10, FB18a, FR13a, GP12, Gri19, HT18, IS10, JHE15a, JHE15b, LS14b, MMB14, PM15, PSV17, RW15b, SRS18, SC16, VK10, VR17, WH11, WF18, vVE15]. **ecologies** [CN12b, DDP12, RDP16]. **ecology** [BCK19, HL11, KA15, Lio16, MRPH17, MW14, MN14, Pon12, TGL15, ZADB15]. **econometrics** [HYSG19]. **Economic** [DRW14, TDE12, CJRR11, ESE15, GKG+18, KG13, MDM16, PT10, SK16a, TLW18]. **economics** [CT14c]. **economy** [Pon12]. **ecosystem** [AMRRI10, BSH19, BCF16b, BFM10, BJ17, Edu16, GL14, GK13, LCMC14, MK14a, MA13, MP13a, RM10]. **ecosystem-based** [MA13]. **ecosystems** [ABLH18, BDLR12, CC11a, CCB11a, FB12, GFH+18, JB18a, MGML10, MPP+18, PMSY17, QA15, SI11b, Sie18, THM10]. **ectotherms** [WSRG18]. **Edge** [WMCL18, HD17, YZMY18, ZZC14]. **Edge-based** [WMCL18, YZMY18]. **edge-biomarkers** [ZZC14]. **EdgeMarker** [ZZC14]. **editing** [DMCP14]. **editor** [JN14, gSxFH+12, ARD12, JAHKH12]. **Editorial** [Sza15a, Ano10a, Ano10b, Ano10c, Ano10d, Ano10e, Ano10f, Ano10g, Ano10h, Ano10i, Ano10j, Ano10k, Ano10l, Ano10m, Ano10n, Ano10o, Ano10p, Ano10q, Ano10r, Ano10s, Ano10t, Ano10u, Ano10v, Ano10w, Ano10x, Ano11a, Ano11b, Ano11c, Ano11d, Ano11e, Ano11f, Ano11g, Ano11h, Ano11i, Ano11j, Ano11k, Ano11l, Ano11m, Ano11n, Ano11o, Ano11p, Ano11q, Ano11r, Ano11s, Ano11t, Ano11u, Ano11v, Ano11w, Ano11x, Ano12a, Ano12b, Ano12c, Ano12d, Ano12e, Ano12f, Ano12g, Ano12h, Ano12i, Ano12j, Ano12k, Ano12l, Ano12m, Ano12n, Ano12o, Ano12p, Ano12q, Ano12r, Ano12s, Ano12t, Ano12u, Ano12v, Ano12w, Ano12x, Ano13a, Ano13b, Ano13c, Ano13d, Ano13e, Ano13f, Ano13g, Ano13h, Ano13i, Ano13j, Ano13k, Ano13l, Ano13m, Ano13n, Ano13o]. **Editorial** [Ano13p, Ano13q, Ano13r, Ano13s, Ano13t, Ano13u, Ano13v, Ano13w, Ano13x, Ano14a, Ano14b, Ano14c, Ano14d, Ano14e, Ano14f, Ano14g, Ano14h, Ano14i, Ano14j, Ano14k, Ano14l, Ano14m, Ano14n, Ano14o, Ano14p, Ano14q, Ano14r, Ano14s, Ano14t, Ano14u, Ano14v, Ano14w, Ano14x, Ano15a, Ano15b, Ano15c, Ano15d, Ano15e, Ano15f, Ano15g, Ano15h, Ano15i, Ano15j, Ano15k, Ano15l, Ano15m, Ano15n, Ano15o, Ano15p, Ano15q, Ano15r, Ano15s, Ano15t, Ano15u, Ano15v, Ano15w, Ano15x, Ano16a, Ano16b, Ano16c, Ano16d, Ano16e, Ano16f, Ano16g, Ano16h, Ano16i, Ano16j, Ano16k, Ano16l, Ano16m, Ano16n, Ano16o, Ano16p, Ano16q, Ano16r, Ano16s, Ano16t, Ano16u, Ano16v, Ano16w, Ano16x, Ano17a, Ano17b, Ano17c, Ano17d, Ano17e, Ano17f, Ano17g]. **Editorial** [Ano17h, Ano17i, Ano17j, Ano17k, Ano17l, Ano17m, Ano17n, Ano17o, Ano17p, Ano17q, Ano17r, Ano17s, Ano17t, Ano17u, Ano17v, Ano17w, Ano17x, Ano18a, Ano18b, Ano18c, Ano18d, Ano18e, Ano18f, Ano18g, Ano18h, Ano18i, Ano18j, Ano18k, Ano18l, Ano18m, Ano18n, Ano18o, Ano18p, Ano18q, Ano18r, Ano18s, Ano18t, Ano18u, Ano18v, Ano18w,

Ano18x, Ano19c, Ano19d, Ano19e, Ano19f, Ano19g, Ano19h, Ano19i, Ano19j, Ano19k, Ano19l, Ano19m, Ano19n, Ano19o, Ano19p, Ano19q, Ano19r, Ano19s, Ano19t, Ano19u, Ano19v, Ano19w, Ano19x, Ano19y, Ano19z]. **Editors** [Kir11]. **Editors-in-Chief** [Kir11]. **Edward** [BCF16b]. **EEG** [BVK10, Ing16, SKK+11]. **EET** [FD11a]. **Effect** [AP19, ABD+11, BSC19, BBI14, EPP19, FMS+10, GTC19, JJ15, LFD11, MLCH11, MGC13, MAR+17c, SGAM12, SGCD14, TMM10, TI12b, TLR14, WHHS15, Wod18, YTK10, ZLL+12, ARG19, AGRRTR11, AGRR+15, Arc14, ACCR11, ABK+12, Ayd18, BB15, BBB18, BCF+16a, BG12, BHKR14, BH11, BD10b, BE14, Cam15, CMCS18, CWW18, CLA+16, CMN+11, DSA+16, DZE11, Eli17, ECP+16, GHBI16, GH11, GM13, Gon13, GJS+10, HWMT17, HFT15, Has14, HB16a, HMM17, HTB+13, JRB+16, Kar15, KMZR18, KMCJ17, KMM18, Lai11, LS10a, LCCK12, LN13, LMJ+16, LBJ13, LS11b, MPM10, MGT17, MB15, MFMB12, MBP16, MI11b, NKL10, Nak14, NSKO18, NdORC11, NI19, NC15, Oko15, Oko16, POW17, PSD+18, PDW10, QA15, RGG12, RC16, RRTR12, RRRRSPTR16, RAR19, ST17a, SSF15, SBCR10, SXZY12, SNY+13, SK16b, SM10b]. **effect** [TB16, Tal12, TIY+11, UD10, VAT18, VSW10, WTC10, WMT16, WMHH10, WHH17, WCM15, WFM+13, WFC+14, XTZ+13, YBH+19, YLH12, ZMW10, dG10b, dSRM15]. **Effective** [AFS19, Gre16, SS18, AKS+19, Bar16, CPH+14, CG11, Ghu18, HI17, LCTG15, LGPS17, MA13, NF14a, Nak12, SSJK18, Sch14, Tak16, VCF+19, XXD+17]. **Effectiveness** [EN15, GAY+15, SP13b]. **effector** [ME15]. **effectors** [d'O12]. **Effects** [AdSG14, ASGG17, BKSW16, CHL+19, CF11, DGJ14, EBX17, GCZ+12, GC11, HE16, HSR12, HY10, IIKT13, IEN15, Js12, KO18, KMHdlP10, KJ15, KII19, LdLK11, LG18, LFM11, NIiT19, NSO15, NNK10, NJP18, PMYHR12, RVA+11, RHT18, STA15, SKPK17, TM14, TA13, VSD+17, WK18a, YLW+14, ZR16, ASC16, AHD+18, AMBH+13, AMFR+16, AH17, AAJ15, ARM18, BGM19, BLV18, BGL10, BSV+10, Boc12, BSS11, BIMC17, BMM+14, BCPG18, BZ10, CLK18, Cle16, CSDR15, Cor16, CCAdS13, Cox10, DH16, DB18, DHB15, DS12, EBE14, FB12, FSW+16, FGLS10, GMZM15, GVSLG16, GCvWE+14, GS17b, GBRS19, HD17, HPP10, HT18, HHG14, HAH19, HH10, HWPL12, HWGT15b, JYY+18, KSU+18, KDG13, KA11, KPD19, KEKB18, KF11, LTHEK12, LL14, LLDW14, LWY+16, LS14b, LLY15, LS11a, LDF11b, MG14b, MKBE17a, MKBE17b]. **effects** [MKRE18, MEJ18, MMRCCC10, NR14, OO17a, PDSP13, PSP+12, PHÁBAI+16, PBB10, PN18, PMK15, PRV+14, PZLF19, PGHC12, PMCS16, PLF19, PML18, RRL+13, RLW+14, RHJ11, RTEKG15, RTEKG19b, RLSN14, Sac13, STI13, SHvHB16, SAB10, SJSK18, TSdL14, TDHC+18, TCW14, UI10, VZ19, Vaz10, WXWL12, WML16, WTC16, WPA17, WVO+15, YNY+10, dM10b, dMP11, d'O12]. **Efficacy** [RMSTG13, GSSBF18, KMA10, KRR14, LBW+13, LZL+19, MDB12b, NDZMA14]. **efficiency** [BH13a, CLP11, DK13a, GMM+13, GSF13, HLH+18, JG14, LFB+16, LJM+17, LMJ+16, Orr19, PBRW11, PVCEC18, SHW16, TP10b].

Efficient [NW10, SNS17, CLG+10, CLG+11, FD17, GRCdL16, HXL16, IMH15, IL13, Kha10, SW13a, TLY+19, XGZ17, ZMNd+10]. **efflux** [FKB13]. **effort** [KJM17]. **efforts** [HJR12, STKE12]. **Eg5** [HNL+11]. **Egalitarian** [Sch10, TT19]. **EGFR** [GY19, ZZ18, ZZL+11]. **EGFR-ErbB3** [GY19]. **eggs** [ICG16]. **eggshells** [BUL12a, JMS12]. **egoism** [SSC13]. **EIAV** [CS14b]. **eIF** [KSvdH18]. **Eigen** [Dal17]. **eight** [BRA15]. **either** [RS12]. **EJC** [ZLZ+15b]. **elaborated** [CN12a]. **elaboration** [FHSG15]. **Elastic** [HBT13, KF10, RS12, SYR11, SDKF12, BB15, JH12, KFG+14, MH14, ØW16, RA10, TI12b]. **elasticity** [CMJD11, MHH13, RS14a, RGCML10, SA17, SP13a, VH11b, ZHAK14]. **elasto** [PAV10]. **elasto-visco-plastic** [PAV10]. **Elastosis** [EJK16]. **electric** [HCK+11, LL17b, PLHL19, SKGM19]. **Electrical** [Hal16, BZN17, CW11c, KSSM11]. **electro** [HGGCR13, LHPF18]. **electro-mechanical** [HGGCR13, LHPF18]. **Electrodiffusion** [GJ11]. **Electroencephalographic** [IPS14]. **electrolyte** [Smi11]. **electromagnetic** [Ghu18, LGPS17]. **electromechanical** [PW18b]. **Electromigration** [SKGM19]. **Electron** [RS19, MTE15]. **electroosmotic** [DFG+18b]. **electrophysiological** [EME+16, WMPF+15]. **electrophysiology** [CRGS18, ESG+16, RPGG+19, RLSM17]. **Electrostatic** [ØW16, Smi14, DK13c]. **electrotaxis** [MDD13]. **elegans** [BLZ+19, DI13, OYIM10, ZLZ+15b]. **Element** [PWC+12, BDID+12, BSM+14, CTPB10, FS11a, HB12a, JTSG14, KHB+18, MH14, pNMK+10, TF15, ZLZ+11]. **Elementary** [DG10a, PLF19, FT12, MRS14]. **elements** [BJO+16, SDRA+15]. **elephant** [CMMR13, WHYMG17]. **elevated** [Kun16, LCMC14]. **elevational** [AGPK13]. **elimination** [CSS+18, DSTD19, GM19, GGM15, LW17, LTL+15, PBSM19, VKKA12]. **Elman** [MP12]. **elongation** [BS19a]. **elucidates** [HLTR19]. **Elucidating** [EJ16, dSKBS10]. **Elucidation** [OTGT10, VGPS18]. **Embeddability** [RLFS18]. **embedded** [AAJ15, AGGME18, MK18b]. **ember** [SVCS10]. **embodied** [RBG+17]. **Embolization** [Gou15]. **embryo** [GLZ+11, SCS14]. **embryonic** [ALD+11, BF13, BJWL15, TRM+14]. **embryos** [DI13, KKG+14, vHHKB14]. **emerge** [CNM+13]. **Emergence** [Mor10b, NF14b, RBB16a, SKS15, SA14, TR17, FCC+10, FGPR10, GWNW15, GFH+18, GGM15, HKS16, IDI11, MHX+14, Mas16, OS13, OMO13, PR17, SS19, SCH+19a, Tak17b, TT19, Unc11, WD12, WK17, Woo10, WSVT14]. **Emergent** [BFW10, WPPD16, BTG+15, KL11, MT14, NvD17, TXY+12, WdLS17]. **emerges** [SV14]. **Emerging** [CFZ14, ZKP15, AOM19, EPP19, LBGW13, TDW16, WDL+13]. **emerin** [YX15]. **EMG** [Gol10a]. **emigration** [PGH11, Wei17]. **Emiliania** [HWGT15a, HWGT15b, HWGT17]. **emission** [BGF+14, LDB+14]. **emissivity** [BUL12a, JMS12]. **emotional** [NO15, NO18]. **emphasis** [JSWY19]. **emphasising** [JB18a]. **Empirical**

[SSP15, BV13, Mor16, NBW10, NBW11, RRC+11, RBMPP+13, YSST13]. **Empirically** [Bec14, PRMH14]. **Employing** [TKK14, Pat16, RMB15, pZWZ+16]. **EMT6** [AP13a, BFGS10]. **EMT6/Ro** [AP13a, BFGS10]. **enables** [ADC19, GRCdL16, MC19, SSKK17]. **enamel** [BHLH12]. **encephalitis** [ZLCH18]. **encode** [RM17b, RBRB16]. **encoded** [KB11, ZP11]. **Encoding** [JP13, III17, LTL+15, SIK+18, Sel13]. **encounter** [RPCW18, WRC+19]. **encounter-conditional** [RPCW18]. **encrypted** [BKC+16]. **end** [Ano19-27, BCS+16, Fan11, KMH19, LN19, LC11, WHH17]. **end-binding** [WHH17]. **end-to-end** [Fan11]. **Endemic** [FGJ10, ABN15, BH13b, BDR10, MHX+14, MK19, RK19, RB14, TL15, TDM14, VABS18]. **Endemics** [LBGW13]. **endocrine** [BSR+11, Hal17, TAORS10]. **Endogenous** [DHBS19, MÇ16b, HZW+14]. **endonucleases** [KDL16]. **endophytic** [ADCG14]. **endoreduplication** [AKdV+14]. **endosymbiont** [CEdLSG+16, YT12]. **endosymbionts** [Unc11]. **Endosymbiosis** [KM17, AE17, Lan17, O'M17]. **endosymbiotic** [LP17, Sat17]. **endothelial** [ABR11, BZJP18, CMHM19, LFD11, SMM15, SNY+17, VSW10]. **endothelium** [DvDBD15, PIT12]. **endotherms** [BS13, BW13, WSRG18]. **endurance** [GMMGVD12]. **enduring** [Gri15a]. **enemies** [De 17]. **enemy** [HJWC11, TTC10]. **Energetic** [DPRSS11, RW14b, HKH18, MC19, SS15b, SS18, SH17, SHW16]. **Energetics** [HH10, IPMH12, CEdLSG+16, HFT15, RPGG+19, RS14a, SW13a]. **Energy** [AKNP18, ACH15, Kuz19, SSH+19, TTB+18, Tra16, WSRG18, BRP+18, EBS11, Fil10, FYZ15, GS13a, GS14, GLOC10, GTSP16, HMH14, IMH15, KF10, LWLM18, LAJC19, MPJH13, MTE15, MP13a, MSC10, Miy17, PKL12, Pel18, RZRSC19, RBMPP+13, SW18, SW13a, SI19, Smi11, TvMG16, TTW13, TI12b, TKTB18, TMS13, YSH+14, ZG10a, ZG10b, ZKMB19]. **Energy-information** [Kuz19]. **energy-saving** [TTW13]. **enforce** [MI19]. **enfuvirtide** [LS11a]. **engineered** [EA17, EA19, NHE+16]. **engineering** [CLCH10, Ghu18, KSP18, LGPS17, SWTO15, TP10c]. **engulfment** [PGS10]. **enhance** [BT17, BPG+18, BBJDS11, SC10b]. **Enhanced** [HYQ+16, MW13, NK18, RW16, DS16, KSM+15, RG17, SWSLMJ19, ZZC10]. **enhancement** [HTB+13, yTRSC13, PSG+17, STN19a, WA14]. **Enhancer** [PBBB10, FLM18, NZZ19]. **enhancer-promoter** [FLM18]. **enhances** [LP14, MK18a, PMSY17]. **enhancing** [NF16]. **ennuplet** [DMCP14]. **Enquist** [Bal13]. **enriched** [JB19a]. **enriching** [WDN+19]. **enrichment** [KK15, Rem15, RM10, ZLW+19]. **ensemble** [AH12b, Hua16, JLX+15, JLX+16, Mei14, Miy17, NS19, WYX+17, WYL+19, XWD+10]. **Ensembles** [BK19]. **ensure** [FD17]. **entanglement** [KDL16]. **enteric** [HJLNZ11, LFZN11]. **enterobacteria** [dEG11]. **enterocolitis** [AES+13, BTH+13]. **entities** [Kro10]. **entorhinal** [TWTA+18]. **entrainable** [TCH14]. **entrainment** [AUE15, DFT+17]. **entropic** [AN17]. **entropies** [MGO+15, XNJ+13]. **Entropy** [RFME+12, Chu18, DPRSS11, DZW10, GKNT10, LLG16, LXJ15, Mit14, Nem17, SSP15, Tsu19]. **entropy-based** [DZW10]. **entropy-driven** [Chu18]. **entropy/clarity** [GKNT10]. **entry**

[DOC17, LCT11]. **Enumerating** [CM17]. **envelope** [MB14]. **envelopes** [KDMK16]. **envious** [GCM14]. **Environ** [FB12]. **environment** [AdVG15, BKR14, BRP+18, CCW16, CNM+13, DS18, GJ12, GCG14, HD11, KK13, Lab16, LLLV11, LFM11, LW10a, LW10b, LLL13, MG14b, MMFK10, NdlPZA10, RRBM12, Saf13, SV14, SM10b, UK17, VDD+17, WST15]. **Environmental** [FR13a, HAK+19, MP14a, RM13, Abr14, BJJR10, BDR10, DSA+16, DHT19, EzMMH18, FGLS10, FGGT15, GGBW14, HBVP15, HSM19, HSM17, HHT+19, HWL15, JWTW17, LRH15, Mal17, MLCH11, MJV16, NNvdB17, NWWL17, PMD11, PW14, RR12, gSxFH+12, VBVD17, WXWL12, WD12]. **Environmentally** [CCW16, BCF19]. **environments** [BID15, CMCS18, DH16, De 19, FB18b, JRMS12, KL13, KM19, LX10, LNH13, LCDH15, Mar19, MHF+13, NdORC11, OBE+17, PEW18, PB16, RW14b, SI11b, SB17, WSVT14]. **enzootic** [RC16]. **Enzymatic** [MSSM18, CTJ10, KJ11b, OF10, Pie12, YI18a]. **enzymatically** [Pie12]. **Enzyme** [MRS14, Bur19, DK13c, DBJ12, ESS19, EBSW17, HAuR+18, KHK15, NCS+13, OFB10, RMSTG13, SC13a, SC13b, Str17]. **enzymes** [ONO15, PBKR13]. **Enzymological** [IDM15]. **enzymology** [XG12]. **ephaptic** [WMT16]. **ephemeral** [MBC+12a]. **Epidemic** [CGW18, HS15, HK11b, MYOS14, ZLL17, ZCXF13, ABB+19, Ada16, AB16, BBR16, BM10, BR15, BGLR+19, DS19a, DGRB13, FJS+19, FHM18, FS16c, GA16, GSCS11, HSD11, HR14, JKS15, KKYV18, LN19, LY11, LCT11, LLJ18, LJS14, MZAI19, MFP+14, MPLK14, PSJ15, PM11a, PGGvdB12, PTC13, RBHK14, SSZB15, SKPK17, SMC+13, cSGFB17, SS11, TA13, VABS18, WHT17, WMCL18, XTZ+13, XLSF19, Yan10a, ZYJL18]. **Epidemicity** [MCRG18]. **Epidemics** [AGGME18, MDM+10, MLMG+15, NIiT18a, BSC19, BM12, BZCS10, BTK15, CJRR11, Che12, CE17, DCR18, EB15, GM17, HS15, HJR12, LAS14, LC17, LKL13, MG10a, PHK15, SBK16, SLJ+10, US12, WCSA12, XSCS12, YS11, ZLCH18]. **Epidemiological** [MDM16, AHJ+18a, CFF11, GA15, HASM17]. **epidemiology** [GGL+16, Gru18, LDJW16, MR11b, Rao12, WA14]. **epidermal** [AMP12, GBC+16, KSK+16]. **epididymal** [Hir16]. **Epigenetic** [ASP13, Pee12, LCDH15, PG18a, PG18b, Sat10, Sha14]. **epigenetic-based** [PG18b]. **epigenetics** [Pee12]. **epilepsies** [MvAKR17]. **epilepsy** [HZG+17]. **epileptic** [MGB17]. **epimysium** [XYN15]. **epiphysis** [CAA11]. **episodes** [PDW11]. **episomes** [Mor11]. **epistasis** [FSW+16, Jam16a, KII19, PTNKT11, VDTF15]. **epistatic** [BST14, Gri15b, SLO10]. **epistemic** [KLHS17]. **epithelia** [AdSG14]. **epithelial** [BPS19, DFC+12, PC10b, SHB+17, TK10c, VAG16, WGS10, WBB+18, vDVFH+18]. **epithelial-mesenchymal** [TK10c]. **epithelium** [DFG+18b, SOCF14, WTC10]. **epitope** [BBT+15, BYY+11, CRH+15, CP11, KRDJ15, NGJ+14, SQZ+16, SSRA16, TWR+18]. **epitope-based** [TWR+18]. **epitopes** [JB19a, KB11]. **Epstein** [HR12]. **eQTL** [LZG+19]. **equal** [Di 18, Gra14]. **equals** [BCK19]. **Equation** [Gra15, BMM+14, GGM15,

JCLS+11, JCLS+21, Lio18, Lio24, MBCM12, MB16, OYA14, Oko16, Pie10, RLK10, RG17, VACGF17, VM16, WP17, Zad11, ZS10, vVGSE12]. **equations** [CK18, DG11, ESG+16, FWLW11, HLH+18, Lio16, MROS15, NBC16a, NBC16b, OOY16, PCHM10, SF15, VLFF12]. **equator** [Kur14]. **Equilibria** [IKHL16]. **Equilibrium** [HT19, ABN15, BR13, CWF+16, FXML18, FT12, HN10, JLQ+12, JJ15, KS13, Kis10, KS16, Lio18, Lio24, Miy16, NWZ15, NP13, RRÚJ19, SC12, SABB15, Tsu19, UBP12, WdLS17, ZL18b]. **Equisetum** [KSRN19]. **equitans** [Di 14b]. **equity** [Tak17b]. **equivalence** [MPLK14]. **Equivalent** [FS11a, TZ13, vVGSE12]. **eradicating** [RCL16]. **Eradication** [vdBD10, DBM+18, MDM16]. **Eradication-resolution** [vdBD10]. **ErbB3** [GY19]. **Erdös** [LTP19]. **Erection** [ZWY15]. **ergodic** [KSPA17, SVB+10]. **Erikson** [Pee12]. **Erratum** [BPF15b, dOGL13, Gün13, JRG14b, KDK14a, LZT13, NO14a, PL14a, SSKS20, SC13a]. **Error** [OF10, SE10, TH17, dASdC+15, Fra19b, HK16, LCG+15, Mas16, PP12, TMM10]. **error-correcting** [Fra19b]. **errors** [CV15, MI19, PW11, PW14, TH17]. **erythroblastic** [FKB+12]. **erythrocytes** [CZT+16]. **erythropoiesis** [CDGV10]. **Escape** [Coo16, Kar16, CPV16, Fre10, IMA16, Lev14, PVB+10]. **Escaping** [VSP11]. **Escherichia** [ABK+12, ARZ15, BRG+12, BLP10, HVSZ10, KF12, MBE10, MMH+12, Tak17a, ZS12]. **Esml** [JLX+15]. **esophageal** [MGM13b]. **ESS** [Ayd18]. **Essential** [AFM10, LLL+17, LLW+18, LLP+19, TM15a, VW10, ZRGW19, dASdC+15]. **establish** [BGM19]. **establishment** [DDSDW13, Kle14, MJV16, NBW10, NBW11, RRC+11, Tak16, Tox18]. **Estimate** [HN19, BMI19, Boc12, GHBC14, RBB+12, VACGF17, ZKMB19]. **estimated** [KN11, CRLH+19]. **estimates** [SENS+17, TSMB14]. **Estimating** [AL17, AGRR+15, AHR10, CPS19, CMCS18, HYN19, HS11, KD16, KFG15, NYSM12, PAA11, PGGvdB12, VGL16, BGF+14, For10, HM11b, HRG11, MSS10, PM15, TDW16]. **Estimation** [AJC12, ADMR16, Lüt16, NI11, AEM13, AEM14, AP13a, DJD10, ERT13, KM18, LZA+19, LSC+18, MC19, NSS16, PP17a, Par19, RM17c, SQZZ17, SC10c, TKB+18, UAL10, Wal12, WcW14, WZ15, ZDF+12]. **estimator** [BS15b, Kon12, NPH+12, YZFY16]. **estimators** [MKE15]. **estrogen** [ZP11]. **estrous** [BSR+11]. **ethylene** [SABB15]. **eubacteria** [QW11, QLZQ11]. **Eucalyptus** [DDB10]. **eukaryotes** [CB17b, Dil14, Edg19, EM16, Hua12, Lan17, Mic15b, Rad16]. **eukaryotic** [FZ14, KSvdH18, KGM15b, LGEM17, MG10b, RFdL15, Sat17, SDRA+15, SM11b, SN17]. **Eumetopias** [LLLV11]. **euphotic** [DD10]. **Europe** [MJV16]. **eusocial** [LF13]. **evaluate** [CPF+13, FH14]. **Evaluating** [Bal13, MBPS17, NMI18, O'M17, RK19, HMTA17]. **Evaluation** [BGF+14, KCD11a, MAFB18, VLFF12, XSKA17, ASH15, CRH+15, GBRS19, IU10, LN13, LZL+19, PNP+16, RAAS15]. **evasion** [BBS18a, GL18a, Kar15, LBF13]. **even** [BC15]. **evenness** [DBD15]. **event** [ANMH11, BTR18, BJOS13, Lan17, MMH+12, SKD+10, ZLY+13]. **events** [BZA16, GMMGVD12, Gol10b, Höh15, LCJ16, SP16, SPCM18]. **Evidence**

[Di 17a, MPL16, RPGG+19, Di 10, GDB+19, Mor10b, PC17, RMRC+16, She11b]. **Evil** [GvVT14]. **evinces** [BHLH12]. **evo** [FtL18]. **evoked** [LSB10, LB11, LB12]. **Evolution** [AK15, Arc13, AS16, AK16, ACvKA10, Axe12, BBB18, COWA11, CHK16, CKNB19, FZW17, FM10, FM14a, FPD15, GT12, GTSP16, Hou13, HCW18, Jam13, KK17a, KGB13, Kit10, KWO19, KNT10, KI17, Len14, LG12, Mas14, MA11b, MAL+11, NH12, NF14b, NO18, Nak16c, Nei14, NOS17, NP13, ON14, OAV+16, PBYB18, RC11, Rog19, Rou14, SSM15, SC12, SLW18b, TP10a, TM12, UI13, WK15, WK17, YHI14, YTK10, dWV11, Abb10, AdVG15, AFM10, AH12a, AIY16, Akç12, AOR17, AB11, Ant13, AMFL10, Arc11, Arg12, AK11, AT10, BGKL17, Bau18, BM11, BJ17, BD12, CT14a, Cha17, CSBK15, CW15c, Cle16, CBP12, CAV16, CS15b, CzST+18, Cro17, CL13b, CKS15, Das13, DBD17, Déb17, DSLR18, DMCP14, Dun11, Edg19, ER12, Ell15, FB18b, FM15a, FH13a, FRG+13, FM18]. **evolution** [FOT+15, Gar10, GFH+18, GJ12, GG14, GN14, GJ10, GJ15a, GKPB13, GCvWE+14, GKW16, HNV+16, HJWC11, HM10a, HAP+16, HLI15, HT18, HTT19, HKM12, HMM11, HTK12, IIKT13, Ish16, ID14, ID19, IIVR10, Jan15, KG15, KMCH14, Kin18, Kor18, KW15, Kur14, KIT+16, Lai11, LBB+13, LGK+09, LGK+12, LvBJ16, LG19b, LSM17, LvdBP12, LGEM17, LSLL13, MTNM12, MB18a, MK16a, MYK17, Men12, MALAN17, MH18, MAA18, MH13, Mor16, MC15b, MM18, NF14a, NS11, Nak14, Nak19, NSKO18, NBS+13, NMS10, NP11, NPS17, NPS18, Oht12, Ots11, Pan11, PIPB10, POW18, PBR17a, PMD11, PKZ12, PPBT11, PN16, PN18, Pie12, PGH11, Pol12, PBD11, PM10b, PBA12, Rad16, RANO10, RBR18, RBRB15, RBRB16, Ros13, RRR15, RCD19, RD17, SW16, SC10a, Sal15, SPS11]. **evolution** [SPLP12, SSF15, Sch19b, SHBT14, SN16, Sel10, SGW17, SSS17, SN18, SP16, SB17, SA13, SP13b, TGLK19, TI12a, TF17, TALC16, TB15, UI10, VSLVB15, Vel17, VB19b, WCS19, WKB13, WZLW15, Wil11, WK18a, Wod18, Wol12, WFW19, XY14, XW17, YK11, YT12, YvBS18, YSH+14, Yan10b, YZX15, YG12, YX15, ZPdFJ19, ZCW13, ZADB15, ZLW16, ZMW10, ZMT11, tBdR18, vVE15, AM10]. **evolution-based** [HMM11]. **Evolutionarily** [BHBR12, KM12, BI12, DWL+14]. **Evolutionary** [AY15, AN12, Arc14, BL14, BM16, Bur10, CZN12, DM11, Ezo12, Fis16b, Fra19a, Fra19b, GCM17a, HI12, HWTN15, HIT18, HHN14, IMA16, ID14, IS16, IK16, Kři10, LLZ13, LW15, LCQ+18, MPNP12, NPB13, OGO19, PBR17a, PNL15, Rad16, RN12, RBB16b, Ros10a, SSPP15, Sek12, SGW17, SPCM18, SLO10, SG18, ŚKSRW16, TTN13, TEY16, WL12a, WL12b, WL14, WCW15, jWlGQ19, ZGWL14, ZWG10, Abr14, AH12a, AH12b, ATI12, ATTN12, AD13, AWRD15, AOR17, ATG12, AIB+19, BS15b, BID15, BS11, BD10b, Bon10, BBDB13, BR13, Bul12b, CVO+15, CSZT12, CK19, CB10c, DGMY18, DMO+17, DHS+15, DRCL12, DKR16, DI10a, DI10b, EHSR17, FL13, FLW16, Gal11a, GHBC14, GT11b, GC11, HBK12, HSM19, HFT+18, HBT13, HK10, HY10, Höh15, IMM16, IMA14, Iij12, KGB13, KDMK16]. **evolutionary** [KK13, KZ14, Kri16, Kri18, KC17, KGC18, Lai18, Lar16, LG19a, LL12, LGBT15, Lio16, LPKH15a, LPKH15b, LPH18, LH18, LIPD12,

Lun13, MP14a, MFMPS10, MRPN12, MDM16, Mon18, MB12b, MKPVH16, MSIR10, NMI18, Oht10, OBHS19, PBB+15a, POW17, PLN14, PGG+15, Pła10, RC11, RBB16a, RVP19, RSBB10, RM17d, SKAG18, SMS17, Sch17, Sch23, SMG18, SSSD17, STG19, Shi19, SKS15, SY17, SS15e, SM11a, SJK18, SC16, SS12b, TBM+13, TA10, TLCZ12, Tay13, TZY18, Tre19, USF+18, VGZS18, WSP14, WYX+17, WLY+17, WMN18, WCF12, Woo10, WK18b, WSVT14, XKCG15, YHZ14, YBT+17, ZZK14, ZYD15].
evolutionary-based [DHS+15]. **evolutionary-dynamical** [Lai18].
Evolvability [MH17, GJS+10, Gri15b, IMA14, PMP13, VFS+15, WB10].
evolvable [AIY16]. **evolved** [Bry13]. **Evolving**
[MBRRI19, Now12, SAZ+14, AH12b, CL14, CL19, De 17, EB15, FWW18, NR16, PSJ15, PW19, SB12, WLW19, WLW20]. **EvoStruct** [USF+18].
EvoStruct-Sub [USF+18]. **Exact**
[KFW12, NSK13, PHK15, Pie10, SW17, ZLW14, Gri15a, Ros10b, ZM10].
examination [TF16]. **Examining**
[BLS+17b, VAT18, AHW13, ER12, Gla13, GS17b]. **example**
[CR14, PKZ12, SGA+12]. **Examples** [TvMG16, MF15]. **excess** [AHKN10].
excessiveness [VM16]. **exchange** [Bal13, BTG+15, BP16, CC10, CZT+16, GT15, LMJ+16, PWC+15, POP12, REC10, XYZ15]. **Exchanges**
[Fer12, Sel13, Sel14b, Sel15b]. **exchanging** [Sel16, Sel17].
exchanging/deleting [Sel17]. **excision** [BKPV15]. **Excitability**
[OMO13, Eli17, OTTF11]. **excitable** [BHBH11]. **excitation**
[BZN17, CN12a, MTE15, SS14]. **excitation-contraction** [SS14].
excitation-energy [MTE15]. **excitatory** [CP14, KTH16]. **excludability**
[De 19]. **exclusion**
[CCA17, GP12, GA15, NvHM13, ØW16, PDW10, SLvdBMP10, XF13].
exclusion-principle [NvHM13]. **exclusive** [WKS14]. **executive** [RM17a].
exercise [BSR14, BS13, EJ17, EJ19, HLVR16, QF10, VM16]. **exert** [Cle18a].
exhaled [IMW15, KKU+10]. **exhibit** [Sat18]. **exhibiting** [Bro13, JB19a].
exist [AM10]. **Existence**
[Opr10, ADV+10, FT12, Hay16, HXL18b, MG14b, WKS14]. **existent**
[BB11b]. **existing** [EJK16, PVGA12]. **exit** [LCT11]. **exit-entry** [LCT11].
exocytosis [GU13, SWSLMJ19]. **exogenous** [CWP+18]. **exon**
[MSSM18, PBKR13, QYO10, ZLZ+15b]. **exon-coded** [PBKR13].
exon-junctions [MSSM18]. **exons** [dOGL10, dOGL13, ZLZ+15b].
exoskeleton [SKSO12]. **Exosomal** [LF17, Sha14]. **expand** [Dim17, RT19].
expanded [Sel17]. **Expanding** [CB10b, HL10, DBJ12]. **expansion**
[DZJR10, FNH10, GTB10, HM10a, Mil11, Ou19, RSR11, Sel15a, WMD16].
expansions [CKNB19]. **expectations** [ALH10]. **Expected** [BCK19].
experiment [AHD+18, LGR+12, MBS19, PWL+11, SYY17a, SYY17b, VBV10, WW12b, Zhe16]. **Experimental** [BPP+16, CW11c, LFW+18, WHWZ18, ASH15, AGC18, BMB+18b, CDM+14, DRW14, DDF+14, FKMP10, GDPPSS+11, GDB+19, JRB+16, LCSH14, LAG+14, MAMEA15, MBF+15, PMKS+15, RMRC+16, RGA+10, YA14, ZBA14]. **Experiments**

[JSP+16, MAH12, QMJW15, EUM+16, FS11a, HWPL12, JSK16, KP15, LSMP14, MSS10, PBB+15b, PMCS16, Ran12, SGGM11, SBR10, SBMH10].
explain
[BRB18, NMS10, PDL+17, RN12, SGGHS19, TWH+13, WR14, YY18].
explained [Fil15, Jen10, PVB+10, Sch19b, SW15]. **explaining**
[CMB+12, GDJC11]. **explains**
[Das18, DM10a, Eli17, EJK16, RG18, SSI+16, SWD16, SP14, WKS14].
explanation [BPF+19, FPdRdH10, MM15a, Sil16, UD10]. **explicit**
[BLS+17b, HDNB10, KF10, Nak16c, SSD12, SS11, TM15b, TKB+18].
explicitly [MAL+11]. **Exploitation**
[Das12, CFR13, HS14c, Oku15, YvBS18]. **exploiters** [KR19]. **Exploiting**
[NS19, RS14a, DAVS11]. **Exploration**
[CFR13, HAuR+18, LKAJ18, TF18, Gru18, HNR14, HAH19]. **explore**
[AA12, MCL19, MJV16, Pav19, RC16, TvMG16]. **explored**
[MDEKH13, XYZ15]. **Exploring**
[CVPCV+15, Edu16, HXL18b, LC17, MRPH17, TB16, WHH17, ZZ18].
explosion [GJ10]. **Exponential**
[Hor11b, AEM13, AEM14, CAV16, MN12, SZ15b, Tak17a]. **Exponentially**
[Gol10a, Gol16]. **exposed** [LCDH15]. **Exposing** [SAM17]. **exposure**
[BHH+14, DD10, KKGN16, RC16]. **expressed** [Sat19]. **expression**
[BRG+12, CB10b, Das18, Dil14, Eli17, Gol16, GMBK14, HVSZ10, HNA15, iHIM12, HgLL+10, HZL+13, IOK19, JP15, JOM16, LJM15, Lei09, Lei10, LXS15, LDH+14, MPP+15, PS13, PGLZ14, RLM+14, RT15, SRS+15, SLS17, Van17b, WOB15, WH14, WMT16, WC10, XGZ17, YXH+14, ZS10].
expressions [BF13, DHT16]. **Extended** [JMS18, JG14, Kee10, Kur17, LDHD14, LLP+19, MOSS15, Mic15a, OFT15, TI13, Zha10b]. **Extending**
[HP12, KDMK16, AH18, AHJ18b, GNB+13]. **extension**
[BRB18, CHH10, CSB15, HHF11, SKF16]. **Extensions** [GW13, RGP13].
extensive [Meh17]. **external** [Cle18a, VB19a, ZGWL14]. **externally**
[SGW17]. **extinct** [HMM17]. **Extinction**
[GDS11, GGM12, HBEW12, HY10, Höh15, KDS18, LW10a, LW10b, LSS+14, NdMLLBLC13, PDSP13, PD13, RT19, Sch18, Sch21, SIVH17, SSME10, SPCM18, SLJ+10, TMM10, TLS+13, TSS16, VB19b, WN19]. **extinctions**
[CCA17, SL10]. **Extra** [POP+19, TMS13]. **Extra-cellular** [POP+19].
Extracellular [AH16, AdSG14, CRGS18, CPS10, EG10, KPK+13, KSRN19, Lee16b, MÇ15a, SWSLMJ19, SBJ+18, ZSZM14, ZAL+19]. **extract**
[LlLYB13]. **extracted** [HZL+13, NSBL10, NK18]. **Extracting** [IA17].
Extraction [GAB14, NS16, AAJGCD15, CGRRGM+16, DLL+17, DM15, SLDP13, ZKHL16]. **extraocular** [GGC14]. **extravagant** [Bul12b].
extravascular [Kun16, MAM16]. **extreme** [IA17, ZZN+19]. **Extrinsic**
[OM10, KPS17, RLSN14]. **eye** [GGC14, Meh17, SSLB15].

fabp4 [BRA15]. **face** [ISB+11]. **face-to-face** [ISB+11]. **facemasks** [TDE12].
faces [CS14a, Mit14]. **facilitate** [UT17, WFW19, YI16]. **facilitated**

[KPEK14, LWY+16, PWC+15, Rad16, TM12]. **facilitates** [Kin18, Mun12, PCN17]. **Facilitation** [MBLC17, CH11, DP13b, HvLPdB15, LTHEK12, MR15, MGCL13, RK18, TCR13]. **facilities** [GA16]. **facing** [BWP10, Coh15b]. **factor** [AOR17, BFR14, EKvdKvFK13, FLM18, GJ10, GBC+16, HG18a, KHS13, KSvdH18, KPS17, MSND12, MHMM11, PSG+17, TBB14, TSP15, dEG11]. **factor-** [EKvdKvFK13]. **Factors** [LvdBP12, DCR18, HT18, JWTW17, LP19, LVLC18, MFN+18, MMFK10, MKBE17b, PHÁBAI+16, SY11, WLL+14, ZBA18]. **factory** [CEdLSG+16]. **facultative** [BW13]. **fade** [BBR16]. **fade-out** [BBR16]. **Fading** [AJD11]. **failed** [DH18, Har15]. **failure** [BC15, GB13]. **failures** [YY18]. **Fair** [WF17]. **fairness** [AB11, NOS17, SSPP15, SSM15, WCW15]. **faithful** [MFKS13]. **falciparum** [CDO17, CKZ+17, CMD+10, GDPPSS+11, KMLT14, KPLT14, RM19, SPMGR10, TEY10, TEW12, TAR16]. **fallacy** [BCK19]. **False** [LA12, KSP18, SN16]. **Familial** [LG18, MCL+11]. **families** [CDC18, HWW+14, Kin18]. **family** [Akç12, AEM13, AEM14, GHBC14, MKBE17b, Pav14, TT10a, Xie11]. **farming** [ABR19]. **fascicle** [KSM+15, RW15a]. **Fasciola** [VPGDP+14]. **Fast** [MB18b, SMC17, WZ15, Fue14, Fue15, Jia16, LM15, MSBB13, NdlPZA10, PB16, RKJ+11, SL19, VWF19, WHL13]. **fast-** [PB16]. **fast-folding** [RKJ+11]. **Fast-slow** [MB18b]. **fasted** [OABI12]. **faster** [RL15]. **fastidiosa** [AHD+18]. **fasting** [BAGG14, HMH14]. **fat** [LK19]. **fat-tailed** [LK19]. **fate** [AHAFA14, CSKF10, LLTP19, MBK+11, POP+19]. **fathead** [HCHI18]. **fatigue** [BSS11, FPR10, KCZ+19, PFPR11]. **fatty** [vLFM+19]. **favor** [Di 17a]. **favorable** [VDTF15]. **favoritism** [KM12, Mas12, MJI14]. **favour** [TMHM12, YvBS18]. **favoured** [DMCP14]. **favours** [PP17b]. **Fc** [OBK+11]. **FDG** [BDTR15]. **feasibility** [SRS18, VP18]. **feather** [PHH18]. **Feature** [AH15, AAJGCD15, KKD18, KHX+19, AH19, AH16, DLL+17, DDLW10, FP18, lGLLL14, HTK14, JSZ12, JD16b, JW18, KPK+13, LWW14, LTL+15, MS14a, MFZ18, NKM+12, RAF+19, SIK+18, SM18, SLDP13, WYL+19, ZKHL16]. **feature-based** [FP18]. **features** [ÅCHS19, AFS19, BCGD10, BRB18, BRK19, CCY+19, lDsWM+15, Dol19, HK11a, IA17, JR17a, KSA16, KHNM16, KFW12, LT14, LlLYB13, LXC15, MSK10, MZ18, NK18, NHSX14, PWH+13, STJG12, SSSD17, SLT+18, USF+18, YLC16, YGL+10, ZMS11, ZLY+13, ZZG+16, ZNC+15, ZNA+16]. **February** [Ano10-41, Ano10-46, Ano11-39, Ano11-43, Ano12-36, Ano12-38, Ano13-37, Ano13-32, Ano14y, Ano14-36, Ano15-28, Ano15-41, Ano16-31, Ano16z, Ano17-39, Ano17-32, Ano18-35, Ano18-40, Ano19-45, Ano19-37]. **Fecal** [JEA18]. **fecundity** [JB18b, POW17, POW18, TEW12, TEY16, WK15]. **fecundity-affecting** [POW18]. **fecundity-dispersal** [WK15]. **fecundity-longevity** [JB18b]. **fed** [OABI12]. **feed** [AGS18, RLM+14]. **feed-forward** [RLM+14]. **Feedback** [CMS16, GKMC10, UT17, ABIM10, AN13, BFJ+18, BGL+19, CMB+12, CPS10, CDGV10, Cza14, Fra19b, GI15, GSS19, HSM19, iHIM12, JB19b,

JRMS12, KHS13, KDFM14, LS16a, LKP+12, LCGMH12, LWvB+19, MK18a, MA13, MKMT14, MFKS13, Pag19, PRK13, Ram10, RW14a, RA18, SS15a, SXZY12, TWH+13, Wod18, YFB+12, YLLL12, Zab11, ZCSRG12, ZS10, dSKBS10]. **Feedback-control** [GKMC10]. **Feedbacks** [KMN16, NN18, AIB+19, BWB11]. **feedforward** [LL13b, Pat19]. **feedforward-loop** [LL13b]. **feeding** [MA10, PGS10, RVA+11, SCH+19a, SJK18, SKS+19, VGL16, ZWY15]. **feedstuffs** [TLL+12]. **feeling** [KM17]. **felid** [CW11a]. **female** [FKMG15, HCHI18, MS13, Nak16b, YY18, ZXS+19]. **females** [Gar14, Gra14, MG17, TT10b, YSST13]. **femur** [JTSG14]. **Fengxiao** [TXY+12]. **Fermentation** [SSJK18, MÇ16b]. **Fermi** [LPKH15a, LPKH15b]. **ferric** [Ber14]. **Fertility** [DBD17, BCBD19, KMH19]. **fertilization** [TEY10, TEW12, YD14, YD15]. **Fetal** [JPBM17, NNH+16]. **fetus** [BD10a]. **Fever** [LG18, PLF18, HTB+13, JWTW17, SKK+12, XSCS12]. **fiber** [ESGA15, Js12, KHH10, SP13a, SDKF12]. **fibers** [Giv10, Smi14]. **fibre** [CWB+17, Kro10, SSR+19]. **fibril** [SPG+18, ZGY11]. **Fibrillar** [MHH13]. **fibrillation** [LWB+15]. **fibrillogenesis** [SAGC12, VH11b]. **fibrils** [ZSW11]. **fibrin** [SNY+17]. **fibrinolytic** [GGG12]. **fibroblasts** [CLW12, NJP18]. **fibrosis** [BTK14, KBV+15, NPMM15, RCL16, WDL+17]. **fibrous** [WBMM18]. **ficus** [TVA18]. **ficus-indica** [TVA18]. **Fidelity** [Déb17, XKCG15]. **field** [ASL+18, BZ18, FLR14, FHR13, FR13b, FR14, GSCS11, HCK+11, IPS14, KTJ19, LL13b, Mor10b, MvAKR17, Pat19, Rob11, SOIO10, TKB+18, Tay16a, TAR16, YMW12, dlCGSA16]. **fields** [Pel18, PSD+18, PW14, SKGM19, Tay16a]. **Fifty** [Kir11]. **fighting** [GVGC15]. **filament** [DLEMP19, Don13, KSK+11, Kro11, MED12, MAH12, Por13, RG18, SK12a, Smi11, WGH+14, MOSS15]. **filament-mediated** [SK12a]. **filamentous** [GS13b, LTS+16]. **filaments** [KHNM16, Smi11, SH16]. **Filippov** [CLK18]. **filled** [AAJ15]. **filling** [CdPD11]. **filter** [DGM15, PJ13, SSS15]. **filtered** [AHR10, CRV16]. **filtering** [BF16, PP17a, PR18]. **filters** [NPMM15]. **fimbriae** [CB10a]. **fin** [Ios16]. **final** [BR15, NYSM12, Zhe16]. **find** [CLL18, KGB13]. **finding** [BBB18, GTC19, RKK+19]. **fine** [MDB12b]. **finger** [HMMSRSD15]. **finger-DNA** [HMMSRSD15]. **fingerprints** [XMWC13]. **fingers** [LCBO+12]. **Finite** [JTSG14, KHB+18, PWC+12, AY15, AM11, BTG+15, BDID+12, CTPB10, FZW17, FS11a, Gre15, HB12a, Han17, Has14, HI12, HHN14, KD16, MH14, RN12, Ros11, SS14, SKH11, Tay16b, TF15, WL12a, WL12b, WN19, YiTS19, ZLZ+11]. **finite-population** [KD16]. **finitely** [IM18]. **fire** [ADV+10, AC12, CP14, CLK18, DAVS11, HTK+18, Urs14]. **fire-blight** [CLK18]. **firing** [AANF16, BHBH11, TWTA+18]. **firmness** [vdSS12]. **First** [WCC13, CW14, Dol16, KMM18, KK18, Lai18, MJS11, Nah12, PGGvdB12, Rou14]. **first-order** [CW14]. **First-spike** [WCC13]. **Fish** [LYK12, BPG+18, CT16, DHP11, FSA15, GS13a, GSL13, GS14, HPW+13, Ios16, ICG16, NR14, NTY16, NBA+18, OGA16, PLF19, gSxFH+12, SPH12, Str13, TIY+11, VDH+15, WBM+15]. **Fisher** [CS18, LPH19, PBYB18, SW17,

TT10b, jWlGQ19, Wax11b, ZLW14, ZGW16, vV18]. **Fisheries** [LHD15, MA13, MNH+12]. **Fisheries-induced** [LHD15]. **fishery** [TB16]. **fishes** [SYI17, Yam16a]. **fishing** [TM14]. **Fission** [KOS13, LSY+10, SDPC11, Wu14]. **Fission-fusion** [KOS13]. **Fit** [PBRW11, Bal13, TMF17]. **Fitness** [CBBO16, CS18, WSW10, AH12b, AIY16, Arc13, CAV16, CMM19, CGB13, FSW+16, FGLS10, FLA+19, Gra15, Han17, HTN14, KS14, LSM17, LS16b, LCG+15, LPH19, LPF11, Mar11, Miy17, MPNP12, NvD17, NSK13, OWB14, PNK16, PBB+15b, PTNKT11, SY17, Tay13, TGL15, TDKJ15, WMD+11, WSP14, vVGSE12, vVLS14]. **fitness-based** [LPH19]. **fittest** [SBJ13, ZZC10]. **Fitting** [RRRTR10, BPC15, TZ13]. **Fitzhugh** [CHL+19]. **five** [KF15, ZNA+16]. **fix** [DDRP13]. **Fixation** [AM11, CW15c, DS18, HT10, JJ17, JLH15a, LPKH15a, LPKH15b, BCF+16a, Gre15, Jam16a, KII19, Mon18, SW17, Wax11a]. **fixed** [ARB13, MB18a, WSW10]. **flagella** [Ish16]. **flagellar** [NS18, OSF11]. **flagellum** [CL10]. **flap** [MHSH12, Sac15, Ush16]. **flap-gliding** [MHSH12, Sac15, Ush16]. **flapping** [DS12, FH14, LS18, SW13a, Ush16]. **flare** [vdBD10]. **flare-ups** [vdBD10]. **Flat** [BFGAGA16, HTM16, RW14b]. **flatness** [SW15]. **flavin** [LT14]. **flavin-containing** [LT14]. **flavonoid** [MR18, MR19]. **flavor** [dLMD+11]. **flavour** [DDF+14, dLMV+10]. **Fleeing** [Coo16]. **flexibility** [Cza14, GRCdL16, TED10, TvMG16, WZWY11, YX15]. **flexible** [BUC14, FCS18, Ios16, WGH+14]. **flexural** [THBM10]. **flies** [GWCA14]. **Flight** [SW18, FH10a, FH10b, FH14, GAL11b, LS14a, LS19, MHSH12, Sac13, Sac15, SW13a, TB11, Ush16, XS13]. **flights** [EPP19, Han12, RPCW18, TA15]. **FLN** [JAM18]. **floating** [RDD14, STI13]. **floating-leaved** [STI13]. **flock** [ZVMB10]. **flora** [ISM+11, YSI18]. **floral** [CPPLAB18, FH13a, TGB+18]. **Florida** [CBC+18]. **Florigen** [SSI+16]. **Flow** [FRTP13, LMdL11, STKE12, AV19, ABR11, Cab18, CPS19, CR19, CKD11, Don17, EBP15, GDF17, GDF18, GSF13, HWM+16, HT13, JBSFB12, KSBvL+12, KTT+19, LMM+13, LLK14, LCJ18, LDB+14, MYK17, Mig16, OBK+11, PIT12, SM16, Str13, TKTB18, TAB+13, VF12, Zad11, ZG19]. **flow-assistance** [KSBvL+12]. **Flow-induced** [LMdL11]. **flower** [Abb10, SCÁBM10, SCÁBM11]. **flowering** [MYN+13, MYN+15, MBLC17, PPT+16, TIS10]. **flows** [MGML10, PCT11, PCT19, Pan19, SAGAGB17]. **flu** [LC17]. **flu-like** [LC17]. **Fluctuating** [RRÚJ19, DS18, Del12, FB18b, HD11, LCDH15, Mar19, NR14, PEW18, SMG18, SM10b]. **Fluctuation** [BGL10, AC12, Lei09, Lei10, Zhe16]. **fluctuations** [DDP12, HMM16, JRG14a, JRG14b, JRG14c, KMM16, MLCH11, MK17, NS18, PPBD10, STA15, SGD12, TP10c, TLR14, VDD12, WTC16, YST14]. **Fluid** [WO11, ASH15, AABS16, ABR11, BJWL15, DS16, DFG+18b, GTB10, HWM+16, KMZR18, KTT+19, LS15c, LS16c, MPJH13, MN12, MH13, OB15, RS12, SCS15, SOCF14, TKTB18, WTC10]. **fluid-biochemical** [SOCF14]. **fluid-tissue** [BJWL15]. **fluid-to-solid** [MH13]. **fluids** [Bur10, PCT11, PCT19, Pan19, RL15]. **fluke** [BHO+18]. **fluorescence**

[GT14, GZT15, Laz13, MTE15, TKK14, TP10c]. **fluorescens** [FE10]. **flux** [BUC14, KJSS10, KdSUS10, LRL+16, MDB12a, MT14, MRS14, Ou19, Vaz10, XW17]. **fluxes** [FMS+12, FVTS16, HWGT15a, KLN+12, LD18, MAA+17]. **fly** [GAL11b]. **flying** [JLH+15b, LA15, MPJH13]. **flytrap** [Leh18]. **FMN** [MPY14]. **FMN-binding** [MPY14]. **Fn14** [KB19]. **Fn14-NF-** [KB19]. **focused** [HRHAAA15]. **focusing** [CFSB16]. **fog** [BFM10]. **fog-dependent** [BFM10]. **fold** [AC15, Bry13, IA17, KB10a, LBS+14, LPD+16, RSD+16, SRS+15, SLDP13, She11b]. **foldability** [Miy17]. **Folding** [XYZ15, BB13, CL17b, CdPD11, Gin10, HH13, HWHL15, Kin18, Kri18, LYM+19, MWSM13, Miy17, NGL+10, RA10, RKJ+11, RBMPP+13, RBMPP+15, SV14, TI12b, TP17, Wal10, XLL+10, ZGZ+10]. **folding-upon-binding** [LYM+19]. **folds** [APW10, GNB+13, Mas18, SV14]. **foliaceus** [MNH+12]. **Follicle** [BSR+11, PVGV19]. **follicular** [LAH+16]. **follow** [ZL18b]. **followers** [KW15]. **following** [BRG+12, CDM+14, CDK11, CS14b, FD11b, JKF19, VZB+15]. **follows** [MH13]. **Food** [HAB11, ZEJA11, ACT12, AD13, AWRD15, ASF+15, BV13, BEK10, CAG13, DDF+14, DKF17, GK13, HSR12, HY10, HB13a, KDG13, KPG19, Kři14, cLCJ+10, MGML10, MB15, MD16, MEJ18, MA10, MW13, PBRW11, PDG12, RPD14, RBB16a, RBB16b, RM13, SGS15, SVA18, SI10b, TBM+13, TD17, TD18, VL11, WPPD16, WBM+15, XDC+11, ZG10a, ZG10b, dLMD+11]. **food-borne** [MW13]. **food-mediated** [MA10]. **food-web** [MD16, PDG12, RPD14]. **food-webs** [MD16]. **foodweb** [Kla10]. **foot** [RB14, ZJY19]. **foot-and-mouth** [RB14]. **forager** [EM11, RPCW18, SP11]. **Foragers** [EM11]. **Foraging** [BC15, Mor19, ACT12, Amo15, AMFL10, BPFR16, BEK10, Cza14, GVCG12, GSL13, HH10, HS14c, Kři10, KR19, LTHEK12, MK14b, PRMH14, QJR+16, RRBM12, SK16a, STN+19b, SH17, TED10, TD17, UPWK15, VPFV13, ZMT11]. **foraging-related** [ZMT11]. **Force** [CHH10, HMM16, TS17a, ITN+11, IS12, JLH+15b, LL17b, RG18, SCF+12, WC10]. **Force-driven** [TS17a]. **Force-extension** [CHH10]. **force-length** [RG18, WC10]. **forced** [GP12, GA15, Ros10b, TGZF11]. **forces** [AHP+19, KG12, LS18, SCF+12, Smi14, WBB+18, ZLB+18]. **forcing** [BM10, DFM+14, HBVP15, LKK13, PM11a, RVP19, TWS15, VR17]. **forecast** [SIVH17]. **forecasting** [HYSG19, Jab15]. **forecasts** [PM15]. **Forest** [FBAPMD13, AEZR+16, Cam11, Dra19, GDS11, JM12, JLX+16, KCM+11, KPK+13, Kär11, LCMC14, MS14a, MZ17, Oka15, PAA11, SS15a, SAB17, ZL18b]. **Forests** [WZM19, GZ14a, GZ14b]. **forgotten** [TF17]. **forked** [SKSO12]. **form** [AH19, CS11b, CL13a, FL12, FL13, HYA14, JAK19, JD16b, KZL14, MGC15, SRS+15, Uit11, WMK13, ZZK14, ZZCZ17]. **formal** [DWG+19]. **formalism** [LN13]. **Formalizing** [WDN+19]. **Formation** [GCB17, TCYY+12, Amo15, BB11a, BFM10, BC13, BPF+19, Bue15, BFGAGA16, CRC15, CLPZ14, CMB+12, Che19, CGRRGM+16, CPPLAB18, CAA11, DNB12, ESGA15, FKMP10, FGAM12, FK13, GKMC10, Gal10, GA13, GWW+10, HTM16, HKS15, Hir16, iITIM15, KRR14, KS16, Kon17,

KLHS17, Kun16, LFM14, LS15b, Lee16a, Lee16b, LCQ+18, LRA+13, MTdS+16, MEKK11, MKMT14, MGGGA11, MBC+12b, MN14, NOS17, PHH18, PHA+17, PW19, SRK+12, SNY+17, SBP13, SHK14, SYSM11, SM16, SYSF17, SSKK17, SCS14, TGB+18, WH11, WRH+16, WZ18, WDL+17, WBMM18, WMT15, YWP13, YG18, YKO+16, ZW16, ZKTK10, vDVFH+18].
formation/resorption [FGAM12]. **formations** [MN14, Mit17]. **formed** [HZW+14, MSSM18, NHTS14]. **forming** [JSWY19, KB11, SPG+18]. **forms** [BL15a, Jam15, TT10a]. **formula** [BGD+13, CHH10, JHE15a, JHE15b]. **formulae** [FVC15]. **Formulas** [IU10]. **formulate** [AH18]. **formulation** [Mei12a, Mei12b, Mei13a, Mei13b, MKF+14, RGA+10]. **formulations** [CPGF+16, KBV11]. **formylation** [NMZ19]. **Fortune** [PP17b]. **forward** [AGS18, BSKV18, RLM+14, XS13]. **fossil** [DRCL12]. **fossilized** [SGW+18]. **fossils** [Dai12]. **fosters** [Nik15]. **foundation** [BB15, Di 16, Voe18]. **foundational** [Sza15b]. **founded** [Bec14]. **Founder** [Sza15b]. **Four** [ZADB15, DBD15, Di 18, III17, JYZ18, LRGA13, Mas18, MSSM18, NHTS14, PGGvL+19, SSS13]. **four-body** [Mas18]. **four-species** [DBD15]. **four-taxon** [SSS13]. **Fourier** [CL17b, GT14, HYZ+15, YCY14, YY15, ZDY11]. **fourth** [Che10]. **Fractal** [Kea16, LC10, PNP+16, SHM+18, BVK10, DS10b, LHH12, NAK+11, NHSX14, PHTP+12, PDB+15, RBSD10, SKK+11, Su16, Wei12, ZKP15]. **fraction** [JSK16, RJSC18]. **Fractional** [KSKS13, DG11, HSD11, MKBE17b, PD16]. **fractional-order** [HSD11]. **fracture** [CGvG+15, LBB+13, SAB10, Van16b]. **fractured** [Zad11]. **fragment** [PBKR13, SRP16]. **fragmentation** [BJPP12]. **fragmented** [GWBG14]. **fragments** [VHS17]. **frame** [CS15b, CMJD11, Mic14, Mic15a, SSCJ16]. **Frameshifted** [Wil13, Sel12b]. **frameshifting** [Xie13a]. **framework** [ASH15, AHD+18, ANK10, AC15, BW13, BR12b, CdPD11, CG11, DG10a, DHK13, FWLW11, GXFF13, GGL+16, HAB11, HB18, HMM11, KFG15, LX10, LTS+16, Luo14, MK16b, OGE10, PBB+15a, PGT+19, RBF15, SMS17, Shu13, SLT+18, SH15, TT19, ZGZ+10, dSKBS10]. **Frankenhaeuser** [MAS15b]. **FRAP** [HL10]. **fraternity** [SS12b, SSC13]. **Free** [BRP+18, BPS19, BFJ+18, BC15, BDR10, BMB+18b, CFCM13, FS16b, Fok12, FYZ15, GJS+10, GAB14, HLHY17, HZLX11, ITR+18, KSKS13, LKSM14, LL13a, LKL13, LWL+11, LAJC19, MPBS17, Miy17, RBMPP+13, TMS13, TP17, XGZ17, XLSF19, YZZ12, YZZ13]. **free-boundary** [CFCM13]. **Free-energy** [BRP+18, LAJC19]. **freedom** [WL13]. **freezing** [KSRN19]. **frequencies** [AIY16, AGM11, AEM13, AEM14, DLYZ11, MKE15, MKF+14, SGW17, Sin15]. **Frequency** [OAJK10, CNDK15, HCK+11, HM15, HSG+18, HT10, JSZ10, JJ15, KM18, KGC18, SKK+11, SM11a, WMK13, ZLY14, ZW16, ZAL+19]. **frequency-dependent** [ZW16]. **frequent** [CDC18]. **fresh** [Kři11, MFM16, Ros15]. **freshwater** [PLF19]. **Friction** [WL13, HB16a, KC13, MLMG+15]. **Friction-based** [WL13]. **friend**

[TCW14]. **frigatebirds** [SW18]. **frog** [LO15, RP18]. **frogs** [JB11]. **Front** [Fra16, HSD11, Han12, dRFI15, ZUFM17]. **fronts** [MSM+14, MLCH11]. **FRS** [Ano19-50]. **fructose** [Bar19]. **fruit** [AKdV+14, GAL11b]. **Fruiting** [SSS17]. **frustration** [HKH18]. **FtsZ** [Sht17]. **Fu** [WZM19]. **Fu-SulfPred** [WZM19]. **fuel** [KK15]. **Full** [Kae17, TAORS10, BMM+14, RN12]. **function** [Aya12, ASF+15, BKR14, CST19, CLC11, DL15b, Don17, ESW13, FKB+12, For14, GJ15b, GS17b, HRC+12, IMH15, JK12, Kin18, LRA+13, MKBE17a, MS14b, MIH16, OBK+11, RMSTG13, RBMPP+13, SS19, SS17b, TT17, TF15, VBV10, WTQL10, ZHC10, dBB14b]. **function-driven** [Kin18]. **function-oriented** [SS19]. **function-specific** [JK12]. **Functional** [ABJ12, CW11c, GVGC15, AF10, ASRM15, BRA15, CCY+19, CNM+13, DS13, DOC17, FB12, FWLW11, GTS15, GG12, GG14, GBC+16, HH14, III17, JAM18, KDFM14, Kha10, LDH+12, LCL14, LMJ+18, Mor10b, PC17, PRV+14, SL10, SFMS16, SK11a, SGDL12, SVA18, TWB16, WMK16, ZOG14, ZLW+19, ZSS10, vLBJ+13]. **Functionality** [LT11, PJL14]. **functionally** [SHN12]. **functioning** [AOT+11]. **functions** [AGB+14, AFM10, ARD14, DGMY18, DHT19, DBG18, MR15, MP16, PLF19, SKSO12, UK17, WSRG18, YSI17, ZSCL16a, ZSCL16b]. **Fundamental** [Gra18, HTT19, LLG16, LE19, OGE10, Di 18, Di 19c, Esc11, vV18]. **fundamentals** [TF16]. **funds** [SU11]. **Fungal** [NC15, Bos12, CWM11, CTB18, DEK15, DTP19, EBSW17, VBVD17, WCM15, YLY15]. **fungi** [BMN16, DQY+15, LTS+16]. **fungi-warming** [KTO+14]. **fungus** [APS+13, APBS15, GS13b, KCMF11]. **Further** [BD10b, HFD17, Jam11, FLM18, JV14]. **Fusarium** [WMD16]. **Fusing** [WZM19, HK11a, TWC+19, YGL+10]. **Fusion** [LCTG15, DFG+18a, EBSW17, GPD18, KOS13, LS11a, Pel18, Rad16, SW13b, YMW12, YC15, ZMS11]. **fusions** [MK16a]. **Fussy** [Cro19]. **futile** [OABI12]. **futile-cycle-associated** [OABI12]. **future** [BM12, IS10, Kir11]. **fuzzy** [BKR14, GKNT10, GJ15b, HZWH10, JCG16, JW18, MGM13b].

G [BMF+18, BPLM12, CHN+15, HPML18, PBBB10, ZLM12, DHB15, Dol19, Ken19, KB10a]. **G-CSF** [BPLM12, CHN+15, ZLM12]. **G-Protein** [Ken19]. **G-protein-coupled** [HPML18, PBBB10]. **G-Protein/Receptor** [Ken19]. **G-quadruplex** [DHB15, Dol19]. **G1661A** [ACM16]. **G2** [KBE+13]. **G2019S** [ADS+19]. **G4Catchall** [Dol19]. **G6PD** [CB13a]. **GA** [DCL18]. **GABA** [MBE11]. **Gaia** [AN17, Doo17, NWWL18]. **gain** [ASH15, BCK19, LvdBP12, SW18]. **Gains** [PLN14]. **gait** [STJG12, WHHS15]. **gaits** [Ush16]. **GAL** [AM12]. **galactolipid** [MB14]. **galactose** [MMK16]. **galectin** [GBN14]. **galls** [Yam16b]. **galvanotaxis** [SKGM19]. **Game** [AS12, DB19, HHS+10, TWB16, Abb10, AOR17, Ayd18, BBR12, BMdA17, BB10, CZN12, Che12, CWW18, CSZT12, CK19, CB10c, DH16, DMO+17, DN18, HFT+18, HS14b, IMM16, IRS11, IK16, JLQ+19, JC16, KNT10, Kon11c, LLZ13, LPH18, LPvSP11, LPvSP12, MI19, MGS16, NIiT18b, NiTI18, NIiT19, OO17b, PEW18, QMJW15, Ram10, RN12, ROF17,

RSH19, RC11, Ros10a, RM17d, SMS17, SSM15, Shi19, SGA+12, SN18, SCS10, TT19, TGL15, TR17, jWlGQ19, WL19, WHYMG17, XSLZ16, ZMAM19, ZGWL14, ZKHL16, ZLY+17, ZWG10, dMP11, PS12]. **game-theoretic** [DH16, MGS16, WHYMG17, ZMAM19]. **game-theoretical** [SMS17]. **Games** [AN15, Fis16b, KVN16, LSDI15, LJI17, ŚKSRW16, ATTN12, ATG12, Arc16, AS16, BR12b, CLA17, CZ14, CK19, DDRP13, DHK13, FTS15, FNH10, Gal11a, GCM17a, GT11b, GC11, Has14, Hau10, HI12, HSM19, HWTN15, IM18, IOY15, Jan15, JOAN14, JSF+11, JR17b, KC17, KGC18, Kur19, Lai18, LGBT15, LPKH15a, LPKH15b, LRGA13, Mob10, MV18, MB19, NOS17, NCN13, Oht10, PIPB10, PLN14, PGG+15, Pła10, SHN12, SPSP12, SU11, Shu13, SS12b, Tay13, TR12, UI10, VNS18, XWZ10, YHZ14, ZZC10, ZCW13, ZWC+13, ZZCZ17, vVN12]. **gametocyte** [TEY10, TEW12, TEY16]. **gamma** [Gol16, HYN19]. **gangliogenesis** [HJLNZ11]. **Gánti** [HS16, CB15, Gri15a, Sza15b]. **Gántian** [GJ15a]. **gap** [For10, JCG15, KPD18, MAA+17, PAA11, SGGM11]. **garden** [KCMF11]. **gas** [GT15, REC10]. **gaster** [MAW12]. **gastric** [OSV+16, PRN10]. **gastrocnemius** [CSB15, ZPM+15]. **gastrointestinal** [PPC+17, PBS+12]. **gastropod** [Nos14, NSS16]. **gastropods** [IUK14]. **gastrulation** [YM14]. **gate** [Zha10b]. **gated** [Bec14, PDG17]. **gating** [FIS11, FIS16a, LdLK11, ZCA+14]. **Gause** [Kři11, KP15, LJ18]. **Gaussian** [BMI19, CKF17, Gol10a, LCG+15, MKBE17a, MKRE18, PPT+16, ZMS17]. **Gaussian-distributed** [LCG+15]. **GC** [KB11]. **GC-rich** [KB11]. **GCPII** [NRS+16]. **gDNA** [pZWZ+16]. **gDNA-Prot** [pZWZ+16]. **GED** [LJM15]. **geese** [MPJH13]. **gel** [FKMP10, HHA17, RVZ14]. **gels** [Kro10, SNY+17, SABB15]. **gender** [DBBM11, FS12]. **gender-specific** [DBBM11]. **Gene** [Hua12, OHWS18, YLF+17, ZT16, ACM16, AD15, AKR+18, ABIM10, AGS18, BRA15, BRG+12, BPP+16, Bar18, BSB+13, bCR19, DTGD19, Dil14, DTY12, EA17, EA19, FXML18, GG16, Gin10, GHBC14, Gol16, GMBK14, Gri15b, GGCJ16, HNV+16, HTM16, HL14, HXL16, HXL18a, HG18a, HNA15, HgLL+10, HZL+11, HK16, HT13, IOK19, III17, JP15, JOM16, JYY+18, JSF+11, JK12, KSP18, KF11, KII19, LJM15, LWH+11, Lei09, Lei10, LXS15, LLL+17, LDH+14, MTKY11, MC16a, MMC19a, MH11, MBE10, MPP+16a, MH12, MYK17, MHD18, NMS10, Orr19, Ots11, PAOMV17, PPBD10, PWH+13, PS13, PPM12, PMP13, PGLZ14, Pol12, PKH11, PSK10, RMM+16b, RLM+14, RT15, RRÚJ19, Sak10, SCÁBM10, SCÁBM11, SSS13, SMC17, SLHS13, SLS17, Van17b, WOB15, WMK13, WH14, WM17, XSKA17, XGZ17, YXH+14, YGMT12, YBH+19, YCR+15, ZS10]. **gene** [ZTWL12]. **gene-attenuation** [JYY+18]. **gene-based** [PKH11]. **gene-regulatory** [RLM+14]. **genealogical** [LG18, Mul11, Mul12]. **genealogies** [PPTC19]. **General** [MA11a, WZM19, AFS19, AH19, BMN16, BDR10, BR12b, CL13a, CCY+19, CXC18, CT18b, CdPD11, DHS+15, FL12, FL13, FLW16, FM10, GML10, HN19, HYA14, HKR+19, JLQ+12, JYZ18, JD16b, JD17, JCG15, JCG16, KFB18, KHKI17, KZL14, Kri16, Kri18, LZ18, MFZ18, MZ18,

MDM$^+$10, MK16b, NBL14, Non10, QLC$^+$18, RSS$^+$18, RPCW18, SRS$^+$15, SM17a, SM18, SR10, SRV11, STG19, SKK18, WMK13, XSLZ16, YG12, YFB$^+$12, ZCAB17, ZZK14, ZD18, ZNA$^+$16]. **generalised** [BSB14]. **Generalising** [BLS17a]. **generalist** [FKV19, SK16b]. **generality** [MN14, THM10]. **generalization** [AW12, BM11]. **Generalized** [Est10, KC14, CGD13, Hal12, HYW11, IEN15, KHX$^+$19, MvAKR17, PDG12, RRRTR10, WMT10, WGH$^+$14, ZWC$^+$13, vLBJ$^+$13]. **generalizes** [BKR14]. **generate** [AD13, TM15a, VDH$^+$15, ZSO16]. **generated** [Mul11, Mul12, Sat10, SWG$^+$15, YvBS18]. **generates** [OS11]. **generating** [LLC15, Ots11, WXC10]. **Generation** [LSM17, PKH11, Bue15, CRLH$^+$19, DHBS19, FJR19, ITN$^+$11, LWW14, MMFK10, MDM$^+$10, Pat19]. **generations** [CNL14, Oht12]. **generative** [BBP13, Hal16]. **generator** [PRK13]. **generic** [JMZ13]. **generosity** [FZW17]. **genes** [ADCG14, All17, AGM11, BRA15, BKC$^+$16, Di 12, Di 14b, FP18, GXFF13, GLZ$^+$11, GRR$^+$14, HZL$^+$11, KB10a, KB11, LG17, LZG$^+$19, Mic15b, Ots11, Sek12, Sel12b, Sel12a, Sel13, SL12, TDZ$^+$18, TR12, YLC16, YC15, YCR$^+$15, Zab11, ZLZ$^+$16, ZLB13, ZSW$^+$14, ZXS$^+$19]. **genesis** [PBYB18]. **Genetic** [DXW$^+$16, GWW$^+$18, HLTR19, LS13b, ZZX$^+$16, ABA11, AK16, BMdA17, BM11, BWM$^+$19, Boz15, CRLH$^+$19, CC10, COG19, CL11, CKF17, CVO$^+$15, DKP$^+$18, DS19b, Deu18, Di 13a, Di 14a, DMCP14, Di 16, Di 17a, Di 17b, FD18, FRP14, FDS13, FGLS10, Fra19b, GKNT10, GE18, Gon13, GJS$^+$10, Gri15b, HL14, HG18b, HCS$^+$19, Ish16, IU10, Kam11, KA17, LR16, Len14, LMW$^+$10, LT14, LPTR14, wLW10, Mas16, Mic14, Mic15a, Nem17, NMI18, NdORC11, pNMK$^+$10, OM10, OCHHZ12, PMYHR12, Rog19, Rou14, SM10a, Sel12b, SLL18, Tal12, UT17, Voh17, WPA17, Wax11b, WZY14, Woh15, ZW16]. **genetic-metabolic** [COG19]. **genetically** [DROC11, GRB$^+$13]. **genetics** [AM14, BSKV18, CM14, Mau15, NGS$^+$16, SL12, ZLW16]. **Genome** [ABP$^+$11, CW11b, HHJR11, MZWC10, TDZ$^+$18, ABG$^+$13, BYY$^+$11, BLZ$^+$19, BKC$^+$16, FMS$^+$12, HZLX11, HMM11, KEHK17, Li11, LZL$^+$17, MKBE17a, MKBE17b, MKRE18, MSIR10, QLZQ11, TLY$^+$19, WRWX19, YT12, YZFY16, YY15, YHY14, Zha15]. **genome-scale** [FMS$^+$12]. **Genome-wide** [TDZ$^+$18, MKBE17a, MKBE17b, MKRE18]. **genomes** [EM16, FS15a, FS16a, GRRG16, HTT19, KEHK17, LLW15, LY14, QW11, SM11b, YCR$^+$15]. **genomewide** [ZK10]. **Genomic** [Sel15b, SSCJ16, AD16, CL17b, DCS14, dOGL10, dOGL13, JYZ18, MPS$^+$11, SVSP15, TLY$^+$19]. **genomics** [GTS15, SPSM15]. **genotype** [AGM11, Bec14, IMA14, IMA16, LP12a, MHKA16, NvD17, NNK$^+$15, VPGDP$^+$14]. **genotype-phenotype** [Bec14, IMA14, IMA16]. **genotype-to-fitness** [NvD17]. **genotypes** [MKBE17a, MKBE17b, Mou12b, SS11, TTP17]. **genus** [NNK$^+$15, WSTL16]. **geodesic** [VPFV13]. **Geographic** [SSD11b, SOIO10]. **Geographical** [IST11]. **geological** [DLSD15, FGGT15]. **Geometric** [NSS16, Tou14, GZY12, Nos14, PWC$^+$12, PW11, RG18, SGB12, TKKE19, Ush16, WY13]. **geometric-mechanistic** [RG18]. **Geometrical** [KDMK16, FKK14, LWB$^+$15]. **geometries** [CL14, CL19]. **Geometry**

[FJ10, WXmH10, AP19, CW11a, CF11, CGB13, DI13, GL18b, KBS+19, Lee16a, LS10b, Mar12, MPT19, Sum13, TC11, TSMB14, KBS+20]. **germ** [SFMS16, TIMI+15]. **germination** [BI12, LHD+17]. **get** [Cza14, vVGA10]. **Giant** [DDP12, TDT16]. **Giardia** [GDPPSS+11]. **gibberellic** [OFB10]. **gibberellin** [AP17, BP18]. **gills** [Str13]. **Ginzburg** [MROS15]. **giraffes** [HN10]. **give** [Rey13]. **gives** [SAB17]. **giving** [lDsWM+15]. **GJB1** [AKR+18]. **glaciation** [BTK14]. **gland** [CFR+14]. **Glazier** [SMS19]. **GlcNAcylation** [ZNC+15]. **Glia** [ZAL+19, IBB+15, Sat19]. **Glia-mediated** [ZAL+19]. **glia-neuron** [IBB+15]. **glial** [BTO15, EG10, PD16]. **gliding** [AABS16, MHSH12, Sac15, Ush16]. **gliobastoma** [CRC15]. **glioblastoma** [Mal10]. **glioma** [Mal18, PH13, SHSR15, THC+11]. **Global** [BMI19, CW15b, KLHS17, LP12b, MBBV14, RBMPP+13, SSZB15, UI10, WW19, WGO+15, XLL+10, ZCT18, Arg12, BBI14, CJKR10, CT18b, DLSD15, DDSDW13, JZL13, MGM13b, PM11b, Pie10, QQL10, VK10]. **globins** [IK15]. **glomerular** [AMM16]. **glomerulonephritis** [AN13]. **glomerulus** [ML11a]. **glossal** [ZWY15]. **glucocorticoid** [BSC+18, MZMM+14]. **glucocorticoid-induced** [MZMM+14]. **Glucose** [BD10a, MKMG+14, RBSD10, BAGG14, CTW10, GdGL17, HBA17, KSU+18, KTI18, LPGTBMA19, LLB+18, QF10, SW13b, SW19, WCHC11]. **glucose-dependent** [SW13b]. **glucose-dose** [SW19]. **glucose-insulin** [CTW10, GdGL17, HBA17, WCHC11]. **Glucose-lactate** [MKMG+14]. **glutamate** [MPS+11, ML11a, NRS+16, Pav14]. **glutamatergic** [CS11a]. **glutathione** [BRN15, KIH16]. **glutathionylation** [ZNA+16]. **glycerol** [GZFX14]. **glycine** [Sat19]. **glycocalyx** [LFD11, VSW10]. **Glycocodon** [Nah12]. **glycocodons** [Nah12]. **GlycoGAIT** [OSV+16]. **glycogenes** [OSV+16]. **glycol** [SABB15]. **Glycolysis** [Arc14, GHJ14, YLWZ10]. **glycolytic** [STNT17]. **glycoprotein** [DLM+19, JB19a]. **glycosaminoglycan** [FS11a, XLLF17]. **glycosylation** [GHBI16]. **GM** [SER+12]. **GM-CSF** [SER+12]. **Gneg** [SC10b]. **Gneg-mPLoc** [SC10b]. **GnRH** [DLHS11, RSD+13]. **go** [DS10a, RA17, vIK11, LWW14]. **goals** [MI11b]. **GOASVM** [WMK13]. **goat** [VCF+19]. **goldfish** [CPS10]. **Golgi** [AH19, JD16a, JD16b, TWH+13, ZLW+19]. **Golgi-resident** [JD16a, JD16b]. **Gompertz** [AGRR+15, BM16, JKF19, RRRRSPTR16, TMF17]. **Gompertzian** [AGRRTR11]. **gondii** [JSSZ12]. **gonorrhea** [MMRCCC10]. **gonorrhoeae** [JSC+16]. **good** [LvBJ16, MBLC17, OAP14, SYI17]. **goods** [AS12, AS13, Arc16, AS16, CWW18, CSZT12, CB10c, DDRP13, Hau10, KNT10, MV18, ON14, OO17b, ROF17, SU11, WL19, XWZ10, ZCW13, ZWC+13]. **goodsgames** [WH11]. **gossip** [LLSO13, SN16]. **gossip-mediated** [SN16]. **govern** [GL18b]. **governance** [Dra19]. **governed** [ASH15, BC13]. **governing** [BMB+18a, ZSW+14]. **gp120** [VBHM+13]. **GPI** [SMJS14]. **graded** [AMM16, MBM11]. **graded-size** [AMM16]. **gradient** [Che19, DNB12, FGGT15, KAN11, Lio18, Lio24, MR15, MFL+18, NSS16, Pel18, PSD+18, RG10, SA17, XXD+17, ZZN+19, Zhu11]. **gradients** [AGPK13, DM10a, GS13a, GS14, HWMT17, MBM11, Mal15, PMD11].

Graduated [IL13]. **graft** [GB13]. **grained** [KSK+11, KG15]. **gram** [AAJGCD15, BC19, HTK14, LTL+15, SLDP13, CXC18, DHS+15, HLS+12, LZ18, SRD+15, SC10b, USF+18]. **Gram-negative** [CXC18, DHS+15, LZ18, SC10b]. **gram-positive** [BC19, DHS+15, HLS+12, USF+18]. **graminearum** [WMD16]. **grams** [HY16]. **Grandmothering** [KMCH14, CHK16, Sek12, KMH19]. **Graner** [SMS19]. **granularity** [LlLYB13]. **granules** [SW13b]. **Granuloma** [SYSF17, MEKK11, WDL+17]. **granuloma-associated** [WDL+17]. **granulomas** [GSV16]. **graph** [DB11, DMSW10, FBAPMD13, FLCS+15, HNO18, MP14a, Mac14, MKRE18, QLZQ11, TP17, WY13, WZ17]. **graph-based** [WZ17]. **graph-structured** [Mac14]. **graph-theoretic** [DMSW10]. **graphene** [ACH15]. **graphic** [WXC10]. **Graphical** [BFS18, KZ14, aHLZ+12, KDMK16, XM11]. **graphs** [ATTN12, JOAN14, Mon18, NIiT18a, NRKE18, OBHS19, Tay13, WCW15, ZGWL14]. **grass** [ADV+10, DAVS11]. **grasses** [DDS13]. **grasslands** [LJW+16]. **grave** [Sat18]. **gravitational** [Thu15]. **gravitropic** [CMJD11]. **gravity** [TSdL14]. **Gray** [aHLZ+12, PNP+16, PDNP16]. **grazing** [AZOLVH18, KO18, Sie18]. **greater** [Di 14a, Di 18, NPB13]. **Greedy** [PNK16]. **Green** [Lai11, DM15, GvVT14, GPD18, JG14]. **Green-beard** [Lai11]. **grey** [PDB+15]. **grid** [TWP16]. **grooming** [SDPC11]. **Grounded** [ARB13]. **groundwater** [BDLR12]. **groundwater-dependent** [BDLR12]. **Group** [PN18, Sal10, SP16, SDPC11, vVGSE12, BJOS13, CMBP19, CFF11, CDD12, CB10c, GSRR17, HB10, KM12, KW15, KF11, KI17, LTHEK12, LW15, LSSG10, MJS11, MSN14, Mas12, MJI14, MPNP12, NF14b, NO18, PN16, PRMH14, PTB12, SSPP15, SN18, Sim14, SRCF11, YK11, YBH+19, ZGZ+10, ZLW18, vVLS14]. **Group-level** [SP16]. **group-living** [NO18]. **group-mass** [CDD12]. **group-structured** [PTB12]. **group-targeted** [CFF11]. **group-wise** [KI17]. **grouped** [DS10a]. **grouping** [SL19, vVGA10]. **groupings** [dSMP+11]. **Groups** [TP10a, Cro19, Eft13, HKB10, KDFM14, LA15, MBC+12a, NTOI16, PCB14, Sue12, TZY18]. **growing** [CKD11, DFC+12, GMBK14, Hir16, KBF18, LFM14, MSK10, RR16, SGKCP19, SK12b, ZTK12]. **grown** [PP18, PP19]. **Growth** [DCR18, ISZ18, PPW16, Ren13, ATI12, AGRRTR11, AR17, ABD+11, ASGG17, BCGD10, BPC15, BSV+10, BDE+14, BP16, BAM+11, CXWL11, CFCM13, CKZ+17, CTJ10, CAGM+17, CS11b, CWB+17, CCB11b, CL14, CFL+15, CL19, CL18, Chu17, CLCH10, CCAdS13, CCdS15, DFG+18a, DHHP14, DTGC14, DTP19, DV12, EdKM11, EBE14, FHLM10, Fil10, Fra16, FJC+10, GCSP17, Ghu18, GS13b, GBC+16, GAPK10, GLF+15, GPT17, GDB+19, HWMT17, HB13b, IGL+12, JAK19, JD13, JKF19, JMS18, Jus11, KHP+12, KBV12, KBKK14, KTN+10, LG10a, LL14, LTS+16, LDdA+13, LCGMH12, LXLF14, LGPS17, Mit16, MBCM12, Mol18, Mor13, MGC12, MP19, MHMM11, MJV16, NR14, NF17, NNH+16, Nij11, NHS+16, NHM10, NSS16, OBE+17, OYA14, OT13, OB10, PH13, PBYB18, Pie10, PBR17b, PSG+17, PLD+17, PLF19, PM13, RRRTR10, RRTR12, RRRRSPTR16].

growth
[Sal15, Sch18, Sch21, SZ15b, SAB17, SSLB15, SZ18, Spe15, SHSR15, SER+12, Tak17a, TGB+18, TS17a, TRM+14, TTB+18, TP14, TT10a, TAB+13, VBV10, VZ19, Veg10, VBVD17, VDD+17, WGS10, WSRG18, WBMH12, WGO+15, WFM+13, XY14, YZY+16, Yat14, YBT+17, ZS12, ZZS19]. **growth-II** [FJC+10]. **growths** [VLFF12]. **GRP78** [ÁTC+14]. **GRP78-NF-** [ÁTC+14]. **Guangdong** [HJR12, TXTW16]. **Guangzhou** [JWTW17]. **guanidine** [PRM11]. **guanine** [KB10a]. **Guaranteed** [PP12]. **Guerin** [BMGC11a, BMGC11b]. **guidance** [BHP17, KTN+10]. **guide** [GM19]. **guided** [TXWW12, TXCW15]. **guideline** [SRS18]. **guides** [BSP18, CHN+15, LSMC18]. **guild** [Ezo19, IEN15]. **guises** [CD16]. **gut** [EzMMH18, KDFM14]. **GWAS** [LZG+19]. **Gymnema** [RAA+16]. **gymnemagenin** [RAA+16]. **gynodioecy** [PM10b, VSLVB15]. **gyrotactic** [CFSB16, ZG19].

H [AHW13, GTS15, LDB+14]. **H1** [KGM15b]. **H1-S2** [KGM15b]. **H1N1** [NI11, TDE12, KLJ17, KJ19, LJ15, LCJ18, PMKS+15, SY11, TXY+12]. **H1N1-2009** [NI11]. **H1N1/09** [SY11]. **H37Rv** [MG14a]. **H3N2** [MAA18]. **H7N9** [CW15b, XSTW14]. **Habitat** [BJPP12, HD17, HMWB13, HH16, YLH12, BORA10, CA18, GWE11, LLH+13, PC10a, VZ19, YLW+14]. **habitat-preference** [PC10a]. **habitats** [AGPK13, GPR+16, Kis16, VIBC12]. **habitual** [Mil16]. **haematopoiesis** [MMJB17]. **haematopoietic** [EUM+16]. **Haemophilus** [DMM+14, KM15]. **hair** [ANGPB12]. **hairpin** [TI12b]. **hairs** [ZWY15]. **hairy** [PMKM10, PS12]. **half** [HLI15, KKGN16, TSB10]. **half-believer** [HLI15]. **half-sarcomere** [TSB10]. **halide** [RCL+10]. **hallmarks** [PBP15]. **hallucinations** [HRDL14, HRD14]. **halophilic** [GZ14a, GZ14b]. **halves** [Di 12]. **Hamilton** [AW12, SFD12, Tay16b, WWB14, vVAH+17]. **hamster** [TKK14]. **hamstrings** [CSB15, Cle18a]. **Han** [PP19, PP18]. **hand** [CT14b, Gra18, HXL18b, LE19, PVCEC18]. **handed** [She11b]. **handedness** [Kam11]. **handicap** [Chu10]. **handling** [GBM18, LLB+18]. **hands** [HXL18b]. **haplodiploidy** [Gar14]. **haploid** [BID15, LS16b, TT10b]. **haplotype** [AEM13, AEM14, CPH+14, Das13, Mou12b, MKF+14, TDZ+18, ZMNd+10]. **harbor** [SH17]. **Hard** [GW15]. **hardwood** [dBB14b]. **haremic** [SYI17]. **harmonic** [ARR14, FJR19]. **Harsh** [De 19]. **harsher** [DH16]. **Harvest** [PBD11, TM15b]. **Harvest-induced** [PBD11]. **harvested** [KPG19]. **harvesting** [BI19, CK18, DHP11, GW15, KJ15, LJ18, LP12b, PRMH14, PBD11, SHF16, ZZ14b]. **harveyi** [FBK11, HK14]. **hash** [ZLY+13]. **Hatze** [RG17]. **Hausdorff** [YHY14]. **having** [Di 12, SSZB15]. **Hawk** [Ayd18, DN18]. **hawk-dove** [DN18]. **HbA** [BAGG14]. **HbA1c** [KTI18]. **HBV** [Nak16a, GM17, LLDW14, LZY+15]. **HCO** [CZT+16]. **HCV** [PBSM19, Nak12, SSST19, VZB+15]. **HDV** [GM17]. **head** [MB12a, MM19]. **heal** [RS14c]. **Healing** [FKDW15, CGvG+15, CSDR15, FBFM12, GBJ18, MHMM11, NCLB16, PC10b, Van16b, VG13]. **health**

[BYM+18, EME+16, Kea16, LCCK12, SPRF13, ZARK19]. **healthier** [ADC19]. **healthy** [BRK16, LSS+14, SCT12]. **Heart** [MKMT14, PW18b, BZN17, CST19, FPdRdH10, KAZ11, KAZ13, KCS+15]. **heat** [DWG+19, MG10b, RZIR16]. **heating** [RBB+12]. **heavy** [GW12]. **Hebbian** [RA13]. **hedging** [MGT17, MHF+13, Uit11, YY18]. **heel** [JH12]. **heel-region** [JH12]. **heels** [ZPM+15]. **height** [AdSG14, BNG16, GDS11, JCLS+11, JCLS+21]. **Helical** [KI15, EG12, dSMP+11]. **helicases** [Xie15]. **Helicobacter** [LAH+16]. **Helix** [Kur10, KC11b, LZMM15, She11b]. **Helix-helix** [Kur10, KC11b]. **help** [Ezo19, FXML18, PFB10, Ran12]. **helper** [GML10, LAH+16, RW12]. **helping** [Bar11, CT14b, MW14, WK17, YG12]. **hematological** [MPC12]. **hematopoiesis** [LM11, ZCT18]. **hemodialysis** [dlRVFK+16]. **hemodynamic** [ARD14, CPS19, DHRA10, SSD11a, SKF16]. **hemodynamics** [OB15, RPGG+19, SKF16]. **hemoglobin** [Kri16]. **hemoglobins** [Oko15, Oko16]. **hemorrhage** [GCYL18]. **hepatic** [DLL+18, SWG+15, SBMH10]. **hepatica** [VPGDP+14]. **Hepatitis** [DK13a, ZZR13, dTKDV15, CM12, CKB18, GM16a, GN10, Jam11, KNA+18, LHW14, LMYL15, LZY+15, MR11b, MVH11, MLT10, MG15, MSL+16, NS11, Nak12, Nak16a, PaCZ10, PBSM19, RDSD+12, RCL16, ZZR10, ZRZ15, GC18]. **hepatocellular** [CM12]. **hepatocyte** [GWW+10]. **hepatocyte-stellate** [GWW+10]. **hepatocytes** [CPS10, DL12a, SAKG13]. **hepatotoxicity** [CTSL11, SBMH10]. **HER2** [GBC+16]. **herbicide** [EJ16, GT14, RDMP11]. **Herbivore** [IC11, LH18]. **Herbivore-induced** [IC11]. **herbivores** [DAVS11, HSR12, Yam16b]. **herbivores-fire** [DAVS11]. **herbivory** [YLY15, vVE15]. **herd** [AMSSG16, ASS19, CMN+11, GKG+18, OO17a]. **herd-specific** [GKG+18]. **herds** [GKG+18, KO18, LSSG10]. **hermaphrodite** [KFB18]. **hermaphrodites** [BHBR12, XY14, YSYI13]. **hermaphroditic** [KMHdlP10]. **herpes** [BYY+11, OA11]. **Herpestes** [TF15]. **herpesviral** [FS15a, FS16a]. **Hes1** [BF13, STX+11]. **hetero** [WLD+11]. **hetero-dimer** [WLD+11]. **heterocyst** [iITIM15]. **heterodimer** [GY19]. **Heterogeneity** [GWE11, HTN14, MCC+17, ABV19, BPR15, CP11, CG14, CMN+11, Don17, EBX17, FHSG15, GGG19, GLF+15, HD17, HR14, IOK19, JYY+18, KFG15, LVLC18, NiTI18, NJP18, POW18, PGHC12, PRM12, RD17, RAMS11, SS15d, SZ10, VZ19, Wei12, YSI18]. **Heterogeneous** [CPF+13, GW19, KMM16, Moo14, AGPK13, AK16, BZCS10, BI19, CCW16, CNM+13, CGW18, DGJ14, FR17, GA16, HMWB13, HH16, HHD+16, HLTR19, IM10, IL13, JMS18, KD16, Kle14, LS10c, LW18, MKKS14, MBS19, MG10a, OBE+17, SBK16, SR12, Soz13, SB17, VIBC12, WMT16, WLY+17, ZSH+16, dWV11, dlCGSA16]. **heterologous** [BLP10]. **heteromorphic** [BI10]. **heteroscedasticity** [Mal17]. **heterosexuals** [MHMM18]. **heterospecific** [SBSE14]. **heterothermy** [BW13]. **heterotrophs** [CG10]. **heterozygosity** [Gin10]. **heterozygote** [BTK14]. **Heuristic** [Gri15a, MMCZM12, WZ17]. **heuristics** [RPCW18]. **hexameric** [Xie15]. **hexaploid** [ASRM15]. **hexapods** [GW12]. **HGF** [KL18]. **HGF/c**

[KL18]. **HGF/c-Met** [KL18]. **Hidden** [Syi14, TS17b, BPC15, SG15b, Woh15]. **Hierarchical** [JSC+16, Mic11, OS11, HASM17, HCW18, JAM18, MKBE17a, MKBE17b, YCY14]. **hierarchies** [MP16]. **Hierarchy** [LMJ+18, FS15b]. **Hierarchy-Based** [LMJ+18]. **High** [HCK+11, HMM17, Jam15, MAA18, NBL10, Wal16, ASL+18, CT14b, CA17, CZPC+18, DMM+14, GP11b, GAB14, HWW+14, HPvdB17, IKHL16, IGG+18, IMD16, Jam14, JR17b, KSA16, KFA12, LSMP14, LG18, LJ10, LFD11, MHMM18, Mon18, NC15, PDW11, SKK+11, Str17, ZPM+15, ZEJA11]. **high-accuracy** [LJ10]. **high-dimensional** [IMD16, Mon18]. **High-frequency** [HCK+11]. **high-performance** [CA17]. **Higher** [MBLV10, RBHK14, KB10a, KB11, THBM10, vV18, KB10a]. **Higher-order** [RBHK14]. **highlighting** [SS19]. **highlights** [CRGS18, PW19, SGD+16]. **Highly** [BTW11, ZCAB17, AKR+18, DS15b, FCS18, HII+19, JRR+12, KB11, NP15, TDM14]. **Higuchi** [SKK+11]. **Hill** [AS16, GS10, LYW11, RG17]. **hinder** [GWNW15]. **hinoeuma** [HLI15, TI12a]. **hints** [IK15]. **hip** [BAM+15, SNCM12]. **hippocampal** [CW11c]. **hippocampus** [OABB18, PDB+15]. **Hippos** [BCF16b]. **Hipposideridae** [AK11]. **Histone** [JK12, LLY15]. **histopathological** [KCJ+11]. **Historical** [SS19, TIY+11, BCPM+16, LP17]. **histories** [GS13a, GS14, SSD12]. **history** [BWB11, BJOS13, BZA16, BDE+14, BHLH12, Chu10, DBB14a, Fil10, HIT18, JMZ13, Kři11, MP13a, NNK10, PBD11, SMG18, TRJD19, YYST13, dMP11, tBdR18]. **hitting** [JRR+12]. **HIV** [LGK+12, ARG14, ARG19, BFH+15, CLPZ14, CH16, CDK11, DK13a, DBBM11, DCR18, DL16, FHG15, GKPB13, HVM13, HTK12, IGL+12, ITR+18, KK12a, LLW15, LGK+09, LS11a, MR11a, MHMM18, MPM10, MFP+14, MR19, NTC+11, NM11, OMO13, PT10, PDW11, RVZ14, RW12, STA15, SW11, SPG+18, SH15, TXWW12, TXCW15, TCB13, VGZS18, VBHM+13, WW12b, WR14, WML+17, WDH+11, XTZ+13, Yan10a]. **HIV-** [STA15]. **HIV-1** [LGK+12, CH16, FHG15, GKPB13, IGL+12, ITR+18, LLW15, LGK+09, MR19, NTC+11, SW11, SPG+18, SH15, TXCW15, VBHM+13]. **HIV-specific** [RW12]. **HIV/AIDS** [DCR18, NM11, PT10, XTZ+13, Yan10a]. **hive** [EM11]. **Hjort** [SPH12]. **HLA** [BYY+11, JB19a, SSRA16]. **HLA-A*0201-restricted** [BYY+11]. **HMM** [LPD+16, SBT+18]. **HMM-HMM** [LPD+16]. **HMW** [DMM+14]. **Hodgkin** [CPGF+16, GL12b, MZM+16, WCC13, WSLC14]. **Hogeweg** [SMS19]. **Hohenberg** [MROS15]. **hold** [HH10, Tra16]. **Holling** [CNM+13, DS13, Mor10b]. **hollow** [CWB+17, SSR+19]. **holobionts** [O'M17]. **holometabolous** [iHM17]. **Holotestoid** [CS11b]. **home** [HAH19, WW12a]. **Homeostasis** [AGS18, BGL+19, BLW11, CN12a, CKN+12, GT11a, KSK+16, LKP+12, LLB+18, LC16, MPP+15]. **homeostatic** [TM16]. **homeothermy** [Kur14]. **homing** [SBW11]. **Homo** [KHH+17]. **homochirality** [Tox18]. **homogeneous** [AR11, CFT11, CK16, FHSG15, JAHKH12, Kis10, LX10, MB18a, NdlPZA10, Oht12, PB16, Ros11, SS12a, VDD+17]. **homogenization**

[ASH15, EBP15, NP15, SAD17]. **homogenize** [FB12]. **homolog** [Mei12b, Mei13b]. **Homologous** [NSS+11, KB11, LC11, MG14a, SM11b]. **Homology** [GTS15, KHH+17, SRP16, BMSEE14, GNB+13, RMM+16b]. **homophily** [RMB15]. **homoplasy** [Cut15]. **homotopy** [WcW14]. **honest** [SHBT14]. **Honesty** [RZ16, Bul12b]. **honey** [BIMC17, MKJS13, NPS10]. **honeybee** [Gal10, LTSTD15, LWY+16, SK16a, ZWY15]. **honeybees** [STKE12]. **Hong** [HHE19, ZLCH18]. **Hooke** [RBMPP+15]. **Hopf** [BA10, SGKCP19]. **hopping** [RS14a]. **Horizon** [OO17a]. **Horizontal** [FXML18, BCF+16a]. **Hormonal** [Yam16a, YI18a]. **hormone** [CTJ10, CFF12, CLA+16, HBA10, MS13, MLL+16, NH19, PHC12]. **hormone-agonist** [PHC12]. **hormone-induced** [CFF12]. **hormone-releasing** [CTJ10]. **hormones** [ZP11]. **horses** [ACR+17, CS14b]. **hospital** [CL17a, HLTW14, PDW10, WXWL12, YTGW16]. **hospital-acquired** [PDW10]. **Host** [CCW16, DMS+16, JB18b, RFME+12, WDH+11, AIB+19, Ber14, BPR15, Bon10, BYM+18, CR14, CL17a, CFZ14, CSBK15, CB10a, CS14b, CP11, DMM+14, DFS11, DL15a, DRPM17, FB18b, FIJJ11, GCG14, GRBL13, HBEW12, HYQ+16, Hur12, JCW13, Kor18, LM14, LMCW18, LvdBP12, MRPH17, MBBV14, MFG+13, MGC13, MB12b, NS11, NBBCC18, NGS+16, OMO13, PRC15, PKZ12, PVB+10, PBB+15b, PCL+15, PSL+10, RMF+18, RC16, SR12, TWS15, TB15, VDD12, VB19b, WW19, WBMH12, WK18a, YT12, YCH+17a, YCH+17b]. **Host-jumping** [CCW16]. **host-macroparasite** [TWS15]. **host-parasite** [AIB+19, CR14, CSBK15, GCG14]. **host-parasitoid** [HYQ+16, PSL+10]. **Host-pathogen** [JB18b, Bon10, FIJJ11, HBEW12, OMO13]. **host-phage** [JCW13]. **host-population** [PVB+10]. **hosts** [BPFR16, DMM+14, HASM17, JB18b, JH11]. **hot** [CZW+11]. **hotspots** [LLCC12, LXC15, NK18]. **house** [Cro19]. **house-hunting** [Cro19]. **Household** [Ada16]. **households** [KN11]. **hover** [FH10a, FH10b]. **hoverflies** [DS12]. **hovering** [DS12, GAL11b, LBS+10, LBS+11, LS14a, LS19, NC16, XS13]. **Hox** [GG16]. **HRCT** [LMM+13]. **HRCT-derived** [LMM+13]. **Hsp70** [DWG+19]. **HSR** [RZIR16]. **HTLV** [LM14]. **HTLV-I** [LM14]. **hull** [TZY18]. **Hum** [WMK15]. **Human** [CzST+18, EME+16, HW11, IGG+18, LLSO13, MMB14, PJL14, PTC13, YLL+14, ABG+13, ACM16, ANGPB12, Ant13, BCPL10, BFGAGA16, CPF+13, CW15b, CZT+16, CVPCV+15, DBBW09, DBBW11, DMM+14, DGD+11, DTY12, EBP15, EMM10, FLM18, FS15a, FS16a, GGC14, GSGV11, GBC+16, GMM15, GM16b, HHJR11, HLI15, HII+19, HWW+14, HKB10, HXL18b, HKH18, Jam12, KSA16, KKUM10, KLM14, KDFM14, KCJ+11, LPGTBMA19, Li11, LXZQ14, LZL+17, LZG+19, LTP19, LTZ19, LT14, LGR+12, LDF11b, MIJ16, MV10, MS16, MA11a, Meh17, MPS+11, MTLW+10, NH12, NTED+19, NNH+16, NI19, PRSC11, PVGV19, PRM12, RLW+14, RKMG12, RS14a, RSD+13, Ros10a, SGL10, Sel13, Sel15b, SSFG15, SSB+15, SCF+18, SDK11, Sue12, SCT12, TKK14, TI12a, WMK15, Zha11, Zha15, ZJSC16]. **human-dominated** [SCF+18]. **human-protein**

[WMK15]. **Humans**
[Flo11, AOR17, BD10b, BVK10, LWLM18, Sch14, TR17, WVO+15].
humidity [AK11, KMM18, UD10]. **humile** [vTMW15]. **hummingbirds**
[SYR11]. **hunted** [HF17]. **Hunting** [AH17, CR14, Cro19, HH10, RW15b].
Huxley [CPGF+16, GL12b, MZM+16, MAS15b, WSLC14]. **huxleyi**
[HWGT15a, HWGT15b, HWGT17]. **Hybrid**
[CLCH10, FKV19, GE18, TZ13, AV19, AMBH+13, AH16, BCPG18, BCS+16,
FKB+12, GZFX14, HTK14, IGL+12, JL16, KMMS17, KRR14, Kri16, LHH12,
MEKK11, MK14d, NHSX14, PHA+17, PGHC12, RBKW19, ZZG+16].
hybridization [BJOS13, Sel16]. **hybridizing** [HK12]. **Hydra**
[Cor16, DKS15]. **hydrating** [MHH13]. **Hydration** [LCG12, ØW16].
hydration-dependent [ØW16]. **Hydraulic** [Che16, KFG+14, KC14, LS15c].
hydraulics [RHS14b, RHS14a]. **hydrocarbons** [KK15]. **hydrocephalic**
[MA11a]. **hydrocephalus** [MAMEA15]. **hydrochloride** [PRM11].
hydrochloride-induced [PRM11]. **Hydrodynamic**
[CMBP19, GI10, Ish16, SKSO12, WWIG19]. **Hydrodynamics**
[DS16, TTW13, ICG16, NAK+11, OSF11, RVA+11]. **Hydrogen**
[GY19, GZY12, Kun16, LF10, WJL+16, vLFM+19]. **hydrogen-methanogen**
[WJL+16]. **hydrogenotrophic** [LWvB+19]. **hydrolase** [KJM17]. **hydrology**
[Urs14]. **hydromechanical** [KC14, MAMEA15]. **hydrophobic** [FWSG17].
hydrophobicity [BKR14]. **hydrostatic** [NHE+16]. **hydrothermal** [Dai12].
hyemale [KSRN19]. **hyper** [AY15, AANF16, PDT+10, QF10]. **hyper-**
[QF10]. **hyper-responsiveness** [PDT+10]. **hyper-synchronized** [AANF16].
hyperactivated [OSF11, SOCF14]. **hyperactivation** [CKBCG12].
hyperarcs [MT14]. **Hyperchaos** [BA19]. **hypercycles** [GFS15].
hyperemia [WHS+13]. **hyperglycemia** [SAI14]. **hyperglycinemia** [Sat18].
hypergraph [CPH+14]. **hypernetwork** [PCC16]. **hyperpredation** [BH12].
hypersecretion [Goe15]. **hypersensitive** [ZZC+17]. **hypertension**
[JSK16]. **hypertrophic** [MCL+11]. **hypertrophy** [CAGM+17].
hypervariability [VBHM+13]. **hyphae** [DEK15, YLY15]. **Hypodicranotus**
[SKSO12]. **hypofractionated** [MM19]. **hypoglycemic** [QF10].
Hypopredation [BH12]. **hypostome** [SKSO12]. **Hypotheses**
[Jam12, CS11b, JZZK11]. **Hypothesis** [BC15, BTK14, Fre10, GK16, Jam15,
Kur14, All17, GA13, GU13, HD17, Jam11, Jam14, Mal15, Mal10, PRH+11,
RGL+17, Rou14, SAG19, SDJ+15, SPH12, TIMI+15, WZ12, ZP11]. **hypoxia**
[BB19, HLVR16, KK18, SH17]. **hypoxia-regulated** [BB19]. **hysteresis**
[PDG17, PHC12].

I30M [AD15]. **I30T** [AD15]. **iCDI** [XMWC13]. **iCDI-PseFpt** [XMWC13].
Icelandic [EBS11]. **idea** [AH18]. **ideal** [ZL18b]. **Identical**
[Ell15, FS15a, FS16a, MAFK12]. **Identifiability**
[AHR10, CK15, ERT13, FM18, EJ17, EJ19, LCSH14, RSV10]. **identifiable**
[HSMCCR19]. **Identification**
[AH18, FLW16, HA15a, IHNS16, JSC+16, LFW+15, LLY15, SBT+18,

SSSD17, STG19, SCKL15, SSRA16, THC+11, WDH+16, WZM19, Yin17, ZNA+16, ZXS+19, CMN+11, DQS+15, DDTL19, GZFX14, GRB+13, HW11, HGM+16, JSZ12, KHK+17, KS10, LZL+17, LLL+17, MPZK16, PRSC11, RRG+12, SPSM15, SBR16, VBV10, YWW+14, YC15, YZ19, ZNCM15].
identified [MG14a]. **identifies** [MBBV14, TDZ+18]. **Identify** [JLQ+19, KHKI17, KF15, LZ18, TTC19, XMWC13, ZK18, ACdlRMR+11, GGL+16, NRS+16, NKM+12, YLC16]. **Identifying** [CA17, CG11, GYWJ10, GZ14a, GZ14b, HMMSRSD15, HPvdB17, LP19, LLW+18, PGLZ14, PBEI12, SIK+18, SFMS16, SLHS13, UPWK15, WDL+17, YGL+10, ZZC14, ZZN+19, ZSO16, CLC11, Di 19b, HKR+19, JLX+15, JCG15, LTS+16, NLB14, QZ14, WMK16, XWC11]. **identity** [SLW18b].
ideologies [DBD17]. **idiotypic** [LPB17, LPB18, MBF+15]. **if** [Bal13, IL13, YSYI13, vV11b]. **IFN** [Gün12, Gün13, VZB+15, ZXC+10]. **IFS** [MS14a]. **IG** [Goe15, LZL+19]. **IgM** [OBK+11]. **II** [BPF15b, AOM19, Akç12, BPF15a, CCB11a, Das18, DS13, Fra19b, FJC+10, HWMT17, HRD14, HH16, KGP+15, KDL16, LW10b, MKBE17b, MTE15, MFKS13, NRS+16, OAJK10, RHS14b, RBRB16, XYZ15]. **III** [BTF19, SAKG13, ACdlRMR+11, CNM+13, DS13, Mor10b, SVA18]. **IL-10** [MMFK10]. **IL-2** [GML10, Lab16]. **illegal** [LSDI15]. **illness** [EAN14, vNÁBG12]. **illumination** [DM15, PP18, PP19].
illumination-invariant [DM15]. **illusion** [SSF15]. **illustrate** [DBBW09, DBBW11]. **illustrated** [UI10]. **iLM** [JCG15]. **iLM-2L** [JCG15].
iLoc [XWC11]. **iLoc-Virus** [XWC11]. **image** [BMI19, CLL18, CZPC+18, MAR+17c, NSBL10, Nos14]. **images** [KKOM18, KSM+15, LYK12, RMM+16a, TKK14]. **Imaging** [PH13, KKO+18]. **imbalanced** [SM17a]. **iMem** [AHJ18b]. **iMem-2LSAAC** [AHJ18b]. **iMethyl** [AH18]. **iMethyl-STTNC** [AH18]. **imitate** [CCNT19].
Imitation [Gal11a, WYKT17, Mas14, dMP11]. **imitation-game** [dMP11].
Immature [BBM+97, BBM+13a, BBM+13b, BBM+13c]. **immigration** [EAN14, GKW16, Wei17]. **immobile** [KGM+15a]. **immortal** [Wal12].
Immune [GBM18, Kar15, Kor18, yTRSC13, RDTHSM13, WBRHE10, AK13, ABGM11, ARG14, ABV19, AN10, AHAFA14, BBS18a, BAM+11, CWM11, CdMB10, CKB18, CP11, CTL+15, DFM+14, FMLM12, FHS+14, GLR+18, GL18a, HI19, HL19, LHFM16, LW17, LMYL15, LBF13, wLW10, MCL19, ME15, MOEdP16, MRF19, MGM13a, NKB16b, OAS10, PVB+10, PEZ+13, RH19, RTEKG12, RTEKG19a, SBSR13, SR12, SMA11, SOF16, TXCW15, VAG16, WDH+11, WCM15, YCH+17a, YCH+17b, d'O12].
immune-mediated [RH19]. **Immunetworks** [DEN+11]. **immunity** [CST16, CMD+10, DMM+14, EBE10, FGH+14, HTB+13, LKO+17, LHFM16, LM14, LG12, MMLK11, Moo14, PVB+10, PCL+15, PRM14, RTEKG15, RTEKG19b, SDT17, STN19a, WKB13]. **Immunization** [SMC+13, CW15a, LDJW16, NW10, dMP11]. **Immuno** [BFH+15].
Immuno-modulatory [BFH+15]. **immunodeficiency** [HII+19, SBCR10].
immunodominance [CP11]. **immunodynamic** [RKK+19].

immunoediting [KB15]. **immunogenic** [BBT+15, KB11, SSRA16]. **immunogenicity** [CRH+15]. **Immunoinformatics** [TWR+18]. **immunological** [MYC12]. **immunopathology** [VC15]. **immunoprecipitation** [FKMP10]. **immunoprophylaxis** [WW12b]. **immunostimulation** [RKK+19]. **immunostimulation/immunodynamic** [RKK+19]. **immunosuppression** [SSM+18]. **immunosuppressive** [LHL+14]. **immunotherapies** [EH17]. **immunotherapy** [BMGC11a, BMGC11b, GMB11, HI17, JO13, LX16]. **immunotoxicants** [BYM+18]. **Impact** [AD15, BAR14, FZL18, GL12a, HLTW14, HvLPdB15, JWTW17, PIT12, PT10, PBvdG10, PTC13, RVZ14, SSG+19, TD18, TC12, TRG16, VR17, AKR+18, ADB+13, BM12, BTG+15, Bon10, BKPV15, CH18, DBD15, DBBM11, DKF17, HWGW18, HB16a, HAH19, HJR12, HPW+13, HWL15, JP19, Kle14, KJ11a, KM15, Kur10, LTZ17, LZY+15, LNH13, LYZ+18, MHMM18, MPP+16a, MB18a, MS12a, MBC+12a, MS16, MB19, NDZMA14, NGS+16, PAS10, PSJ15, PNVN18, Rao12, SEK+10, SCC11, SW11, SH17, SB17, STLJ18, WHYMG17, YSH+14, YTGW16, YCR+15, dMP11]. **Impacts** [TB18, WCSA12, AB16, GK13, MSZW19, NIiT18b, ZADB15]. **impaired** [HBA17]. **impairment** [RTR+13]. **impairments** [ML12b]. **Impasses** [VFS+15]. **imperfect** [AM10, Gha16, MLMG+15]. **Imperialist** [KKGN16]. **implant** [PVGA12]. **implantation** [NPMM15]. **implementation** [CA17]. **Implications** [BZJP18, BGCB12, BYM+18, CWM11, DTGC14, GTC19, HMJB15, LG13, LMCW18, LH18, MKKS14, OO18, QA15, SSM+18, TF15, ZARK19, ABKS11, BJWL15, BDE+14, BAM+11, Cro17, FBFM12, GL14, Gin10, Gol16, GK10, KSBvL+12, LCGMH12, MGO+15, MKMG+14, NMAZP16, PG18b, PMCS16, RCH14, RGBR17, TEY10, TEY16, VH11b, WK17, dM10b, MFP+14]. **imply** [RWH16]. **import** [ABKS11]. **Importance** [BRG+12, EUM+16, BUL12a, CB10b, FB12, JMS12, KBF18, LHW14, cLCJ+10, LD18, MvdDW13, PW19, SSP15, SPL14, TZ11, WD12, vVE15]. **important** [Cle18a, EKvdKvFK13, IK15, SHN12, Sos18, TAR16]. **importation** [CBC+18, NI11]. **imported** [EAN14, NI11]. **improve** [CR14, CLP11, IA17, MAW12, NS19, SS15c, WHL13]. **Improved** [HM13, IMH15, Mou12b, SVCS10, CW15a, MB12a, MSRW16, YY15]. **improves** [Mar19, MP14b]. **Improving** [FW15, MHC16, RSD+16, WSTL16, ZLY14]. **impulse** [RAR19]. **Impulsive** [BRK16, Yan10a, LY11, LZT12, LLL13, LZT13, ML10]. **imputation** [MHKA16]. **in-frame** [SSCJ16]. **in-group** [KM12, MJI14]. **in-host** [CL17a]. **in-mouth** [DDF+14]. **In-silico** [JSC+16, MÇ15a, RAA+16, GHJ14, LKAJ18, LZL+19, MÇ16b]. **In-situ** [KFG+14]. **inactivation** [KAKK19, Pie12]. **inbreeding** [Cam15, YK11]. **Incentives** [Akç12, Arc11, CSZT12, TLW18]. **incidence** [KMCJ17, PGGvdB12]. **incisions** [KHB+18]. **inclination** [TSdL14]. **inclined** [PC17]. **include** [CK19, FHSG15, HP12]. **including**

[AAJ15, CN10, FIS11, FIS16a, GCSMMG+12, MP13a, MP13c]. **inclusion** [KDMD13, TWH+13]. **Inclusive** [OWB14, Tay13, Arc13, Mar11, TGL15, vVGSE12, vVLS14]. **incoherent** [YS14]. **incompatibility** [Cut15, VSLVB15, YI16]. **Incomplete** [BLNR15, bCRS17, TEY10, TEW12]. **incompletely** [KSP12]. **incompressible** [LZWK11]. **inconsistency** [SN11, SN14]. **incorporates** [ZGW16]. **Incorporating** [CG14, OABI12, BRK19, CTJ10, CMS+19, CL13a, CCY+19, CT18b, DHS+15, EG10, FL12, FL13, FLW16, HYA14, JLX+15, JLQ+19, JD17, JCG15, JCG16, KHKI17, KZL14, Kri16, LZ18, NBL14, QLC+18, SM18, WMK13, WTC16, XDD+15, XSLZ16, ZCAB17, ZK18, ZNA+16]. **Incorporation** [BUC14, PFPR11, APW10]. **incorrect** [RMB15]. **increase** [OO11, RT19, TSB10, VMZK+19, WMT10]. **Increased** [HBEW12, PVCEC18, ZZL19, Gri15b, LNH13, ZGW16]. **increases** [Bar11, CNDK15, Fra19b, GSSBF18, HPvdB17, yTRSC13, ML11a]. **increasing** [AK15]. **increasingly** [RW14b]. **incubation** [GMS+13, KN11, NI11]. **Independence** [Gal10, TSB10]. **Independent** [FD17, Ell15, LZY+15, Mun12]. **indeterminate** [PLD+17]. **Index** [WF17, CXT19, PCB14, SNY+13]. **indexes** [Su16]. **India** [MFP+14]. **Indian** [MCCC+10]. **indica** [TVA18]. **indicate** [ARB13]. **indicates** [SN17, YM14]. **indicator** [GT14]. **indicators** [DSTD19, Dol16]. **indicaxanthin** [TVA18]. **indices** [ACdlRMR+11, FBAPMD13, WF17]. **Indirect** [BBD18, GN15, MJI14, NO14a, NO14b, TSM13a, TSM13b, CB16, DLM+19, FB12, KDG13, MHC16, Mas12, OSN18, Pan11, Sig12, US10]. **INDISIM** [GGGM16]. **INDISIM-Paracoccus** [GGGM16]. **indispensable** [LPS+14]. **Individual** [BBWS+13, DBG18, GW13, HS14b, IMD16, STI13, SH17, AMSSG16, BGD+13, BC13, BLS+17b, DB19, Dim10, DDF+14, EPP19, Fil10, FGLS10, FM15b, GCM17b, GGGM16, HFT+18, HMM16, JB11, KKO+18, KAKK19, LP14, MCL19, MFG14, MPNP12, NNH+16, QMJW15, SMG18, Sek12, TKKE19, YS11, Zuc14, vLSBBD11]. **Individual-based** [GW13, IMD16, SH17, GGGM16, MCL19, SMG18, YS11]. **individual-cell** [MFG14]. **individuality** [KC13]. **individualized** [RD14]. **individuals** [CWM11, FS16c, HSMCCR19, HR12, Mas14, MP13a, PGH11, TA15, VHM+17, WCM15]. **individuated** [Vel17]. **indivisible** [KNT10]. **induce** [ESG+16, MGT17, TIS10, ZYD15]. **induced** [ASH15, AGC18, AP13a, BCKS13, BKL+15, BGD+13, BKPV15, CKZ+17, CFF12, CXT19, CL18, FBK11, FPG11, GKMC10, GMNY14, GL12b, HKH18, IC11, Kar16, KKWA18, KTT+19, KK18, LHD15, LWRE14, Lee16a, LXZQ14, LMM18, LMdL11, LL17b, MB17, MNH+12, MPP+18, MZMM+14, MSA+16, PRM11, PHTP+12, PDNP16, PJ18, PRN10, PBD11, RBSD10, SSM+18, SXZY12, Ste12, SLD+17, TST+13, ZLL17, ZMS17]. **induces** [Has14, MMC19b, NS18, SSS17, SY12]. **Inducing** [CWP+18, NS19]. **induction** [CKB19, DWG+19, GJ15b, LF16, MTE15, Mic13]. **Industry** [RFME+12]. **inertial** [RS12, VDH+15]. **inevitable** [TLPH11]. **infancy**

[BFGAGA16, PR17]. **infanticide** [LPvSP11, LPvSP12]. **infants** [SEK+10]. **infected** [CLK18, Gru18, HII+19, LFB+16, LLD+17, MB12b, STA15, SPMGR10, VG13, ZLT+19]. **Infection** [RW12, AWK15, CWM11, CKZ+17, CL17a, CM12, CXT19, CH16, CDK11, CS14b, DJD10, DL16, FCC+10, FGH+14, FHS+14, GKPB13, GM16a, GC18, GN10, HT19, HYN19, HN19, HHA+13, HAH19, HVM13, HTK12, ITR+18, JMH+19, JEA18, JCW13, KMN+15, KOS13, KNA+18, LAH+16, LGK+09, LGK+12, Lev14, LLDW14, LMYL15, LM14, LMCW18, LCT11, LBZ18, MRPH17, MK19, MMLK11, MSE+14, MMP13, MG15, NBBCC18, OMO13, PDRC16, PRN10, PCC15, PSL+10, RVZ14, RMF+18, RM10, RW14a, RS14c, STN19a, SBCR10, SW11, SPRF13, SMA11, SAM17, SLJ+10, TB18, VDD12, WW12b, WWY12, WDL+17, WCM15, XSTW14, Yan10a, YCH+17a, YCH+17b, ZZL19]. **infection-induced** [PRN10]. **Infections** [TGC+17, ABKS11, BN15, BMB+18a, CMD+10, CH18, Gru18, GKG+18, HE16, Hur12, LH14, MBC+12a, Nås12, Ric17, SDT17, SCC11, TB18, VAG16, Voe18, WXWL12, WBMH12]. **infectious** [AL17, BB10, CT18a, GGL+16, GMR16, HHN14, IMW15, JH11, RSH19, RSD12, Ros11, SBK16, TXY+12, TDW16, WW12a, ZZL19]. **infectivity** [HR14, KN11]. **infer** [BTF19]. **Inference** [AIY16, BSKV18, Bac15, BP18, BSB+13, DN18, GK16, GMR16, IS12, JB11, LKO+17, MS14c, NdMLLBLC13, OGE10, SMD+16, SSP15, SS15d, Ste13, WS10, XSKA17, ZT16, ZSSM14]. **inferences** [Ell15, TF15]. **inferior** [NPMM15]. **Inferring** [AGRRTR11, AMRRI10, BMB+18b, bCRS17, DRPM17, KDS18, LBB+13, PHPM18, RRTR12, RNN15, TLS+13, SLT+18]. **infiltration** [KF10]. **infiltrative** [DTGC14]. **infinitely** [Hay16]. **inflammasome** [VLPH17]. **inflammation** [AN10, AES+13, BFJ+18, MBBV14, OPS+19, SCA13, WBRHE10, ZFWK17]. **inflammatory** [CSDR15, LHW14, OSV+16, PYG+19, PMKS+15, RZRSC19, REC10, SCLA10, WBRHE10, WLL+14]. **inflated** [Mog15]. **inflorescence** [SSI+16]. **Influence** [BGM19, CCB11b, CZT+16, FKK14, Gau11, JOM16, Kro11, PCBMM12, SLJ+10, WW12a, WSLC14, WML+17, ZCSRG12, BKR14, BHBH11, CBBO16, CTB18, DI13, DCR18, DvDBD15, Edu16, GDF17, GPR+16, GY18, IPS14, MBPS17, MBK+11, NHE+16, NDG14, NZZ19, PPM12, PMP13, PB18, RM10, RS14a, RRB10, SCLA10, SP13a, SS15d, SLS17, WGS10, ZW16, dLMD+11]. **Influences** [SHvHB16, HR14, Ing16, MM18, PGH11]. **influencing** [DDF+14, MJV16, ØW16]. **influenza** [BTW11, CW15b, DD18, DGD+11, HHE19, KLJ17, KJ19, Lan16, LCCC10, LCCK12, LKK13, LJ15, LCJ18, LFB+16, MDE11, MZAI19, MAA18, MMP13, NI11, OAS10, OS13, PGGvL+19, PBB+15b, PMKS+15, SY11, TLT+15, TGZF11, TC12, UD10, YCH+17a, YCH+17b, vNÁBG12, FHS+14, XSTW14]. **influenza-infected** [LFB+16]. **influenza-like** [vNÁBG12]. **influenzae** [DMM+14, KM15]. **influx** [SOBC12]. **Information** [Bar18, MBE10, MWSM13, Mau15, PEW18, Wal16, ACT12, BORA10,

BBD18, BP16, CC11b, CWW18, CDM+14, CB16, FL13, FLW16, FRP14, GSF13, GGX+10, KOS13, KZL14, Kri16, KRSD11, KST17, KA17, Kuz19, LLSO13, LTSTD15, LL12, LLW+18, LJ10, LLJ18, LPH18, MK14b, MS12a, MRPLAS15, MP12, Mit14, Nem17, NDG14, NHM10, Pia19, RMB15, SN16, SSCJ16, STG19, SLO10, TP10b, WSH+10, WYX+17, WHT17, WZ12, WLY+17, Wol11, XLL+10, XNJ+13, YZ19, ZP11, ZCAB17, ZZK14].
Information-theoretic [Bar18, MWSM13]. **informational** [DPRSS11, ZLW16]. **informed** [BGLR+19, JWTW17]. **ingredient** [MSIR10]. **ingredients** [CCAdS13]. **Ingroup** [Mas12, Jan15]. **inhalation** [DFS11]. **inhalational** [GMS+13]. **inheritance** [ASP13, BCF+16a, Gar11, Sha14]. **inhibit** [KJM17, POP12]. **inhibition** [HAuR+18, JP13, Kar15, Lee16a, LL14, MPZK16, PJ13, PMK15, SZ18, SBB18, SER+12, TTB+18, TSB+17, VACGF17, ZXC+10].
inhibition-induced [Lee16a]. **Inhibitor** [DS15b, GPD18, LF19, LS11a, RAR19]. **inhibitors** [ARG19, CCB11b, DGD+11, GBC+16, IHNS16, Ken19, KRR14, MFZ18, MR18, MR19, NRS+16, SBR16, TMS13, TA16]. **Inhibitory** [KTH16, BB11b, FHG15, Hor11b, Pat16, PJ18]. **inhibits** [GDB+19].
inhomogeneous [STA15]. **Initial** [GGC14, DBD15, EBX17, JSP+16, KAKK19, Pan11, PL14a, PL14b, PW11, WDH+11]. **initiate** [MYN+15].
Initiation [LWB+15, BST14, Coh15a, GYWJ10, GRRG16, KDMD13, KSvdH18, SLM17, SGD+16, WKS14]. **initiator** [ZS12]. **initio** [Cle16, Kue16]. **inject** [PBSM19, RCL16]. **injecting** [DK13a, MVH11, RDSD+12]. **injection** [ABN15, ARM18]. **injections** [SAI14]. **injunctive** [SAB17]. **injuries** [ÁTC+14, MYK+11]. **injury** [PNP+16, POP+19]. **innate** [ARG14, FHS+14, LW17, SMA11]. **inner** [MB14]. **innovate** [CCNT19]. **Innovation** [PSK10]. **inoculum** [LH14].
inorganic [Bur10, HWGT15b, HWGT17]. **input** [LLL13, NK18, RA13].
Insect [DM15, DPRSS11, FH10a, FH10b, GT15, GSF13, IH17, IS17, KA11, LBS+10, LBS+11, LBGW13, LS18, NC15, WPA17]. **insecticide** [HPvdB17, HS14b, NMAZP16]. **insecticide-treated** [HS14b, NMAZP16].
Insects [BBM+97, ABA11, BBM+13a, BBM+13b, BBM+13c, iHM17, JLH+15b, TT10b, WBMH12]. **insert** [Sel12b]. **inserted** [TKTB18].
insertions [HTT19]. **Insight** [NBA+18, SMJS14, dBB14b, HP16, RZIR16].
Insights [ALM+19, BCPL10, BTW11, BCPG18, CJRR11, Dai12, DHB15, GBJ+11, LFZN11, LC10, MKMG+14, MZMM+14, NS16, PDF18, PMCS16, SK19, SG15a, SLD+17, Tal12, VKKA12, ADS+19, ASRM15, ÁTC+14, DQY+15, HNP18, HAuR+18, KHH+17, PBSM19, PGHC12, Zho11, AKNP18]. **Insilico** [MNSZ16]. **inspired** [AANF16, LA15, LDJW16]. **Instabilities** [GGG12, NvHM13]. **instability** [AK16, ACvKA10, CST+12, EJK16, GF11, KGM+15a, SA17, SAG19, SYR11, TIMI+15, Van15, WHH17].
instantaneous [UJLG14]. **institution** [Gha16]. **institutional** [CSZT12].
institutions [Ant13, SHBT14]. **instrument** [Gha16]. **insufficiency** [Sim14].

insufficient [KI17]. **Insulin** [Goe15, BSR14, CTW10, GdGL17, GA14, GS17b, HWD+14, HBA17, LLB+18, SW13b, SW19, SAI14, WCHC11]. **insulin-dependent** [LLB+18]. **insulin-mediated** [GS17b]. **insurance** [SDJ+15, TLW18, ZCW13]. **intake** [LLK14, WSRG18]. **integral** [ABIM10, BGL+19]. **integrase** [WHZ+17]. **Integrate** [HTK+18, CP14, LLW15]. **Integrated** [FTPN10, MB18b, SW19, ACH18, DKP+18, FP18, HWPL12, IHNS16, MVGGB18, PGS10, RPGG+19, SAKG13, TTC10, WBB+18]. **Integrating** [APBS15, CLA+16, YYST13, CRGS18, LLW+18, PCL+15, STG19, SZ10, YLWZ10, ZL18a]. **Integration** [BS13, KSA16, Ben14, Che14, CV15, GC18, Jen10, KJH+19, LNL+11, PWC+12, PPM12, RB15, VC10, VM12]. **integrative** [Kuz19, SMHB10, SBR16, SLT+18]. **Integrin** [CML11, BZJP18]. **integrin-binding** [BZJP18]. **integrity** [SW19]. **integro** [Zad11]. **integro-partial** [Zad11]. **intelligence** [HL19, MFM16]. **Intelligent** [EM11, KHK+17]. **intensification** [CLPZ14, WML+17]. **intensities** [jWlGQ19]. **intensity** [AM11, CWW18, HWGT15b, MM18, Tay16a, VM16]. **intensive** [BAGG14]. **Inter** [Don17, HH13, RG18, TCR13, CL17a, LP14, LF10, LLL+17, STLJ18]. **Inter-airway** [Don17]. **inter-annual** [STLJ18]. **inter-base-pair** [LF10]. **Inter-filament** [RG18]. **inter-host** [CL17a]. **inter-individual** [LP14]. **inter-nucleotide** [LLL+17]. **Inter-residue** [HH13]. **Inter-species** [TCR13]. **interact** [HPM+17]. **interacting** [BGKL17, FS16c, HBSF11, JSB15, Lab16, MPY14, MK19, PDM17, Thu15, WCSA12]. **Interaction** [JC10, KC17, LS14b, PJL14, XLSF19, ARG14, AEZR+16, ALM+19, BZJP18, Boc12, BLS+12, CZW+11, CK19, DS15b, DK13b, DSPM14, EBE14, ER18, GI10, GCG14, HNL+11, HVSZ10, HYZS14, HH13, JB19a, JR17a, KSK+17, KS10, LS15a, LWB+15, LX10, LL12, cLCJ+10, LYZ+18, LMJ+18, LSLL13, MMY+12, Mal18, MG14a, MR12, MGM13a, MMCZM12, MA11b, ML11b, Nak14, NLB14, NC15, PRC15, PL14a, PL14b, PM17, PSAA13, QW12, QZY17, QJR+16, RAF+19, RAR19, SW15, SAB+19, SN14, Smi11, SF15, SAZ+14, TIMI+15, TG10, TRJD19, UI13, UPWK15, VL11, WD11, XMWC13, YWW+14, ZMAM19, ZJSC16, ZT16, ZLB13, Zho11]. **interaction-based** [UPWK15]. **Interactions** [ADV+10, BBM+97, BYM+18, KCMF11, Mal17, XSMF12, APBS15, AP17, AES+13, ÁTC+14, BPC15, BST14, BS19a, BH11, BSR+11, BBM+13a, BBM+13b, BBM+13c, Bon10, BR12b, CVH+10, CW13, CCS18, CMCS18, CB10a, DBG18, FLM18, FGPR10, FIJJ11, GWBL12, GSRR17, GMZM15, GAGP+14, GL14, GN15, GMB11, Gün12, Gün13, HMMSRSD15, HB13a, HYQ+16, IBB+15, Ing16, JB18a, JLX+15, JLQ+19, JA13, KA11, Kur10, Lai18, LDH+12, LW15, LCL14, MCL19, MRF19, MGGM10b, MALAN17, MMB14, NKB16a, NTOI16, ØW16, OMO13, PCN17, RZ16, RTEKG12, RTEKG19a, RR12, RM13, SK19, SMS17, SFMS16, SLO10, TBQG14, Tay16b, TWC+19, WRZ+12, WYX+17, WYL+19, WLY+17, WGC13, WHL13, WFW19, YYC19, YLW+14, YC13, ZJS11, ZCAB17, ZPHS11, ZZ18,

ZRGW19, ZLW18, ZK10, vLSBBD11]. **interactions-in** [Lai18]. **interactive** [SLW18b]. **Interactome** [LPS+14, MGO+15, KSA16]. **interacts** [Don17, ZSCL16a]. **interbreeding** [HT13]. **intercellular** [BSP18, EG10, PRV+14, PC10b, TS17a]. **interceptor** [BE14]. **interconnected** [PGKZ17]. **intercourse** [MHMM18]. **interdependence** [Gal10]. **interdependent** [VNS18]. **interface** [DI13, JR17a, NTOI16, YG18]. **interfaces** [BBWS+13, KC11b, MMY+12, ZJS11]. **Interference** [ACMK12, GP11b, NKB16a, ZADB15]. **interferon** [HYN19]. **interferon-gamma** [HYN19]. **intergenerational** [CL13b, SN14]. **intergroup** [KM12, Mas12]. **interior** [dSMP+11]. **interleukin** [BMGC11a, BMGC11b, JO13, MBBV14]. **interleukin-** [JO13]. **interleukin-6** [MBBV14]. **interlocked** [UT17]. **intermediate** [DLEMP19, Por13, RKJ+11, Wax11b, ZYD15]. **Intermittent** [DD18, SNCM12, DDTL19, HHSA15, HA15b, MSIR10, PP18, PP19, SSN+14, WR14, YZY+16]. **intermolecular** [DMP15, SK19]. **Internal** [HBW+11, Cle18a, DTY12, Gal11a, MHC16, WZ18]. **internal/external** [Cle18a]. **Internet** [HASM17]. **interneurons** [GMK18]. **interphase** [AA16, Fer12]. **Interplay** [BMB+18a, NMAZP16, SYY17a, SYY17b, WHT17, AHW13, AWRD15, BI19, DAA17, GML10, GN10, HB16b, KFL12, MS12a, MD16, MLL+16]. **interpolar** [DL15b]. **interpolation** [RP18, SRD+15]. **interpretability** [RG17]. **interpretable** [WMK15]. **interpretation** [KDST15, MR10, Mun12, SPMGR10]. **interpretations** [ACM16]. **Interpreting** [SBCR10]. **Interrogating** [WRZ+12]. **interrupt** [ZXH19]. **interscan** [BR16]. **intersecting** [DEN+11]. **Interspecies** [SB12, FSA15, MC15b]. **interspecific** [AS13, Cam11, Edu16, PS12, Shi19]. **Interstitial** [HWM+16, LS15c, LCA+15, LS16c, MS10a, WFM+13, WFC+14]. **Interval** [AH15, CLC11, CR16, DLYW13, MDM+10, ZZ14b]. **Interval-based** [CLC11]. **intervality** [CAG13, ZEJA11]. **intervals** [KK17b, NSO15]. **intervention** [AB16, CJL15, DK13a, HS15, KdlRJ18, LJ15, LSSG10]. **interventions** [BSR14, HAH19, LCCK12, LCJ16, POK+12]. **intestinal** [BZL17, DOC17, HI19, PCT11, PCT19, Pan19, SBSR13]. **intestine** [ISM+11, SDK11, TLL+12, YSI17, YSI18]. **intimal** [Fok12]. **Intra** [Sek12, CMJD11, Ezo19, FRP14, IEN15, PDF18]. **intra-annual** [CMJD11]. **intra-cellular** [FRP14]. **intra-guild** [Ezo19, IEN15]. **Intra-individual** [Sek12]. **intra-tumoral** [PDF18]. **intracellular** [AHW13, BTO14, CCF+14, CKN+12, DCN13, GN10, GDB+19, LXZQ14, MDEKH13, MLT10, MK18b, NS11, Nak16a, Pel18, SBJ+18, STX+11, SPL14, TC11, WTC10]. **intracellular-to-extracellular** [SBJ+18]. **intragenomic** [Sak10]. **intraguild** [AF10, SvK12, VA10]. **intrahost** [MSE+14]. **intraluminal** [VF12]. **intramammary** [GKG+18]. **intramembranous** [CGRRGM+16]. **Intransitivity** [LRGA13, LS15a]. **intraplaque** [GCYL18]. **intraspecific** [Edu16]. **intratumour** [LVLC18]. **intrauterine** [Jam14]. **intricate** [MK16a].

Intrinsic [DCS14, LYW11, GLF+15, HFT15, IU10, KFW12, Lei09, Lei10, MPM10, PR18, PMD+18, RCL+10, RSC14, THC+11]. **introduce** [SPA18]. **introduced** [BGM19]. **introducing** [SGCD14]. **Introduction** [GKK13]. **intron** [NHTS14, ZGZ+10]. **intron-positions** [NHTS14]. **introns** [BLZ+19, ZLZ+15b, ZLZ+16, ZLB13]. **Intruder** [CK19]. **intrusion** [HK10]. **inundative** [BAR14]. **invader** [DG16]. **invades** [Bar11]. **invading** [ASGG17]. **invadopodia** [SRK+12]. **invagination** [TIMI+15]. **invariable** [CK15]. **invariance** [BP15]. **invariant** [DM15, GGL+16]. **invariants** [KMD+12]. **invasibility** [PC10a]. **Invasion** [AP19, BV12, BWY+17, BSL+17, BDR10, FNH10, MMG+16, NP15, Ros11, ACMK12, BCF+16a, BPR15, CC11a, CNL14, DE17, DTGC14, ESG10, FJC+10, GCSP17, GFM+19, GRBL13, GP12, HPM+17, KPEK14, MKKS14, MGGM10b, MLCH11, PAS10, PH13, PM11a, SMS17, SSZB15, SP13a, THC+11, WB19]. **Invasions** [Bal10, VIBC12, BBWS+13, LK19, PR13]. **invasive** [AP19, BJPP12, CPV16, Dra19, MSP19, MJV16]. **invented** [KK12b]. **Inverse** [RBB+12, Dol16]. **Inversion** [RMRC+16, WcW14]. **invertase** [Sel12a]. **inverted** [BRB18, SNCM12]. **investigate** [APBS15, ACM16, LPP+19, SH15]. **investigated** [KGM15b]. **Investigating** [AHD+18, AGC18, KGM+15a, MH14, PMK15, TK10c, HPB+14, HWGT15a]. **Investigation** [AHJ+18a, HL14, SCLC13, YIS+17, EH17, FKMP10, HBA17, KMM18, KAN11, LBS+10, LBS+11, LBW+13, MFMB12, PZS+10, PDW11, SEK+10, SVA18, SSRA16, TDT16]. **investigations** [GAY+15]. **investment** [AOR17, BHR10, ER12, FPD15, LvBJ16, MG17, TD17, WRC+19]. **investments** [VSP11]. **invicta** [AC12]. **involution** [MZMM+14]. **involved** [ADCG14, CL10, GRR+14, HBW+11, ZXS+19]. **Involvement** [KHS13]. **involving** [AN13, KSU+18, KIT+16, SVA18]. **iodine** [KSM+15]. **iodine-enhanced** [KSM+15]. **ion** [Bec14, CPGF+16, CN12a, HZC+10, LSP13, LD11, LD18, MFZ18, MSC10, PDG17, ZZG+16]. **ionizing** [LHD+17]. **ions** [Bur10, FM14b]. **IP** [HP12]. **IPF** [CPF+13]. **iPHLoc** [SSSD17]. **iPHLoc-ES** [SSSD17]. **iPPI** [JLX+15, JLQ+19]. **iPPI-Esml** [JLX+15]. **iPPI-PseAAC** [JLQ+19]. **iRNA** [TTC19]. **iRNA-PseKNC** [TTC19]. **iron** [Ber14, CKN+12, DWM15, FE10, FE11, MBC+12b]. **iron-starvation** [MBC+12b]. **irradiated** [TRM+14]. **irradiation** [AP13a, KTO+14]. **irradiation-induced** [AP13a]. **irrespective** [BMSEE14]. **Irreversible** [ML09, ML12a, Jia16]. **irritable** [YXH+14]. **IRS** [HWD+14]. **iRSpot** [ZK18]. **iRSpot-ADPM** [ZK18]. **ischemic** [SXZY12]. **ISDTool** [LHL+14]. **island** [HA15a, TLY+19]. **Islands** [SFT14, CM14, FKB+12, LPS+14]. **islet** [SW19]. **isocline** [KP15]. **isoforms** [SG15a]. **isolate** [SPG+18]. **isolated** [BC19, FRH15, Kur14]. **isolates** [AHMA+19]. **isolating** [MYN+13]. **isolation** [BdABY13, HAH19, KK15, LCCC10, PMD11, SPCM18]. **isometric** [DGNT17]. **isomorphic** [BI10]. **Isoniazid** [LBMG16, LGMV14]. **isoprene** [KKU+10]. **isothermal** [LDdA+13]. **isotonic** [DGNT17]. **isotope** [CFR+14, CMR+18, HWGT17, Rem15]. **Israeli** [LG18]. **ISSR** [CMPS17]. **issue** [GKK13, TBB14, TK19]. **issues** [DBM+18, KLHS17, RBF15].

Iterated [CZ14, GCS12, MN11, QMJW15]. **iterative** [OO18, QQJW13, ZNCM15]. **Iturin** [KSK+17]. **Ixodes** [DB11, WDL+13, DDSDW13].

J [AEM14, BPF15b, BBM+13a, BBM+13b, BPGS12a, BMGC11a, CLG+11, CNG+12, DBBW11, EPJ+11, FIS16a, FS16a, GZ14b, GS14, dOGL13, Gün13, JN14, JRG14a, JRG14b, JCLS+21, KDK14a, KMLT14, LBS+11, LGK+12, Lei10, Lio24, LZT13, LHPF18, LPvSP12, ML12a, Mei13a, Mei13b, MLBA13, Mul12, NO14a, PSS+13, PL14a, RRC+11, SCÁBM11, Sch21, Sch23, SZ16, SSKS20, SC13a, SRAL12, TSM13a, Van16b, WL12a, ZG10a, ZSCL16a, ZZR13]. **J.Theor** [YCH+17a]. **JAK** [RG12]. **JAK-STAT** [RG12]. **JAK2** [ZFWK17]. **January** [Ano10-28, Ano10-35, Ano11-35, Ano11-48, Ano12z, Ano12-43, Ano13-29, Ano13-41, Ano14-42, Ano14-31, Ano15-43, Ano15-44, Ano16-29, Ano16-45, Ano17-35, Ano17-44, Ano18-30, Ano18-44, Ano19-42, Ano19-44]. **Japan** [HYN19, HN19, SFT14, TI12a]. **Japanese** [ZLCH18]. **jasmonate** [BB11a]. **javanicus** [TF15]. **jellyfish** [HM11a, HM15]. **jeopardize** [EVRE14]. **jet** [DB18, HM11a, LG13]. **jigsaw** [SSP15]. **Jinha** [JAHKH12]. **JNK** [KHH10]. **job** [SMM+13]. **Johne** [LSSG10]. **Joining** [RM17c, LC11]. **Joint** [BPC15, MKBE17a, MKBE17b, NP11, NPS18, SQZZ17, YK11, BRP+18, Edu16, ID19, KS16, MSZW19, MFMS+18, MPT19, SCF+12, VSLVB15, ZLZ+15b]. **jointly** [GLZ+13]. **joker** [ACCR11]. **Journal** [DHK13, EJ19, GHS20, JS18, LPB18, PCT19, Pan19, PP19, RTEKG19b, RTEKG19a, SYY17a, WLW20]. **journey** [NGND12, TK19]. **JTB** [Kir11, TK19]. **jubatus** [LLLV11]. **judging** [PBRW11]. **July** [Ano10-30, Ano10-48, Ano11-40, Ano11-33, Ano12-45, Ano12-27, Ano13-28, Ano13y, Ano14-27, Ano14-34, Ano15-30, Ano15-27, Ano16-30, Ano16-27, Ano17z, Ano17-27, Ano18-32, Ano18-27, Ano19-33, Ano19-47]. **Jumping** [SMHB10, CCW16, Cle18a, Cle18b, RP18]. **junction** [For10, JSK16, MAA+17]. **junctions** [KDMD13, KPD18, MSSM18, TS17a]. **June** [Ano10-47, Ano10-31, Ano11-32, Ano11-37, Ano12-47, Ano12-32, Ano13-42, Ano13-46, Ano14-29, Ano14-46, Ano15-36, Ano16-36, Ano16-34, Ano17-46, Ano17-43, Ano18-41, Ano18-38, Ano19-31, Ano19-32]. **jurisdictional** [HF17]. **just** [Di 12, JV14, WGO+15]. **juvenile** [Gar14, RVA+11]. **juveniles** [Gar10].

K-gap [JCG15]. **k-spaced** [JCG16]. **K-tuple** [LFW+15]. **Kala** [MCCC+10]. **Kala-azar** [MCCC+10]. **Kalman** [SSS15]. **Kanazawa** [BD10b]. **Kauffman** [WMT10]. **Kawasaki** [YLH12]. **KEGG** [HgLL+10]. **keratinocyte** [NCLB16, PSG+17]. **Kerkhoff** [Bal13]. **Kernel** [KOF+14, Kon17, Mei12a, Mei13a, XWW+14]. **kernel-based** [Kon17]. **kernelized** [LBS+14]. **kernels** [FPD15, LSDD13]. **Key** [LL13a, MPZK16, AFS19, ALM+19, CRGS18, CMN+11, EBSW17, GLR+18, GRB+13, HMMSRSD15, Höh15, LPP+19, LP19, Luo14, MSIR10, RPGG+19, SSRA16]. **key-role** [Höh15]. **kidney** [CRV16, HHA17, PNP+16, WLL+14, ZCS+15].

kill [HNP18]. **Killer** [WF18, FM15a, SR14]. **Killers** [CT18a]. **killing** [NC15, Unc11, ZMS17]. **Kimura** [RLFS18]. **Kin** [Gar11, Soz13, LvBJ16, Sim14, Uit11]. **kinase** [ADS+19, DQY+15, HKH18, SG15a]. **kinase-1** [SG15a]. **kinds** [Di 18, KF15]. **kinematic** [GP11a, KHH10]. **kinematics** [RP18, SW13a]. **kinematics-energetics** [SW13a]. **kinesin** [GWX17, HHF11, SSZR17]. **kinesin-1** [SSZR17]. **Kinetic** [HPML18, JLQ+12, LDB+14, Mic13, PRM11, RA17, BHBH11, FTPN10, KKO+18, KIH16, Lei09, Lei10, MC19, MRS14, SSJK18, VACGF17, YIS+17]. **kinetic-order** [YIS+17]. **Kinetics** [SAGC12, TSP15, AdSG14, BB13, Bur19, DGW+18, Das18, Dim10, DFMR19, DBJ12, ESS19, FT12, HH13, JSWY19, KMN+15, MBM11, MTE15, MCL+11, Nij11, OBK+11, PAK11, SGGHS19, Sar10, ST17b, TF18, UAL10, VBV10, Van17b, VBD10]. **kinetics-on-demand** [SGGHS19]. **kinetochore** [SK10]. **king** [WHHS15]. **kingdom** [STG17]. **kinship** [DBD17]. **KISS** [dSdS13]. **kleptoparasitism** [BBR12, BCFR10]. **Kmer** [LFW+15]. **knifefish** [ISZ18]. **KNN** [NMZ19]. **knock** [MdSPBL16]. **knock-outs** [MdSPBL16]. **knockout** [MJC+11]. **know** [ZSSM14]. **Knowledge** [BYY+11, MV10, PM14, Lar16, LWLM18, Mas18, Mei12b, Mei13b, SNS17]. **Knowledge-based** [BYY+11, MV10, Mas18]. **known** [KMA10, PMW12]. **Kohonen** [GMK18]. **koi** [OA11]. **Kolkata** [SSG+19]. **Kolokotrones** [Mac11]. **Kong** [HHE19, ZLCH18]. **Korea** [AHJ+18a, EN15, KLJ17, KJ19, LJ15, LCJ16, LCJ18, SKPK17, WCJ11]. **KRAS** [SBM+16]. **Kullback** [LZ18]. **Kuramoto** [MGB17].

L [Edg19, KP15]. **L-ascorbic** [Edg19]. **L-shaped** [KP15]. **L.** [JRR+12, MFM16, RMF+18, RZIR16]. **L1** [DSPM14]. **L1-logreg** [DSPM14]. **label** [Mei12b, Mei13b, WMK14, WMK16, WLY+17, XWC11]. **labelling** [KCD11a]. **labor** [CL13b, HHG14, NF14b, NSKO18, Ran12, RC13, RSBB10]. **laboratory** [SYY17a, SYY17b]. **labyrinth** [BA19, OBE+17]. **labyrinths** [VPFV13]. **lack** [Di 16]. **lactamase** [KSKK15, SKK18]. **lactate** [AHW13, MKMG+14]. **lactating** [CFR+14, CMR+18]. **Lactobacillus** [LDdA+13, RZIR16]. **lactose** [Mic13]. **lacunarity** [PHTP+12]. **laevis** [SSKK17]. **Lag** [Ber14, Chu17, DB18, LG13, WYL+18]. **lag-phase** [Chu17]. **Lake** [BCF16b]. **lakes** [SM17b]. **Lambda** [Voh17]. **lamblia** [GDPPSS+11]. **Lamellipodia** [SW15]. **Lamellipodium** [MOSS15, Kun16]. **Landau** [MROS15]. **landing** [MS14b]. **landing-take** [MS14b]. **Landmark** [LKSM14]. **Landmark-free** [LKSM14]. **landscape** [AH12b, AP19, Alv18, CVPCV+15, CA17, KS14, LWLM18, PNK16]. **landscapes** [CBBO16, CGB13, FSW+16, FLA+19, FRG+13, GGBW14, GWBG14, HMWB13, HH16, HHD+16, LCG+15, LLH+13, LS10c, LAJC19, NSK13, NP15, PTNKT11, XW17]. **Langevin** [APW10]. **Langstroth** [STKE12]. **language** [CB17a, KL10, Nak19, SFS13]. **languages** [PMR11]. **lanuginosus** [KGP+15]. **Laplace** [AEM14, AEM13]. **Large** [CL17b, CDC18,

Ing16, SN18, tBdR18, BJB18, Fue16, FOT+15, HXL16, HMM17, ITO16, JJ17, Mei14, MAA+17, MP13c, MH14, Ots11, RA10, Ram10, TZ11, WZ17]. **Large-amplitude** [tBdR18]. **Large-scale** [CL17b, CDC18, Ing16, HXL16, ITO16, Mei14, MP13c, Ots11, RA10, WZ17]. **larger** [CW11a, RW14b]. **larger-bodied** [RW14b]. **larvae** [BPG+18, SPH12, YSI17, YSI18]. **larval** [YHI14]. **Lasso** [KHX+19, WMK15]. **LASSO-based** [WMK15]. **last** [BTK14, CHK16, KMH19, NdMLLBLC13]. **latency** [ARG14, ARG19, VGZS18, WCC13]. **latent** [BL14, CK16, MM12, TC12, WR14]. **Lateral** [KDG13, Lee16a, XS13, BGCB12, KKS+14, SSS13, SLHS13, TSB+17, ZBA18, FH10b]. **Lateral-directional** [FH10b]. **lateralization** [MPL16]. **laterally** [MDS16]. **latitudes** [Kur14]. **Lattice** [MAR+17c, BMB+18b, EI13, FNH10, HM11b, Kar12, MPBS17, MFG14, PM10b, ST17a, Smi14, WGH+14, YLW+14]. **lattice-Boltzmann** [WGH+14]. **lattice-free** [BMB+18b, MPBS17]. **lattice-spring** [WGH+14]. **lattice-structured** [YLW+14]. **Launching** [Axe12]. **Law** [DPCM16, CdPD11, GVCG12, HB10, JKF19, KMN+15, KHRS10, KK15, LCBO+12, PCT11, PCT19, Pan19, PR17, PWHW16, RBMPP+15, TLCZ12, ZL18b, KMM16]. **law-based** [RBMPP+15]. **laws** [GMMGVD12, LLTP19, MC19]. **LAX3** [MPP+15]. **layer** [AABS16, AC15, CWB+17, DD10, DK13b, FK13, HGB+13, LCA+15, LFD11, OFB10, PWHW16, RRB10, VSW10, WMK16]. **layer-specific** [LCA+15]. **Layered** [PP14, ZHC10]. **layers** [EPJ+09, EPJ+11, PDB+15]. **laying** [RRBM12, ZVMB10]. **LCRs** [VBHM+13]. **LDL** [LFD11]. **leaching** [RAAS15]. **lead** [ANY14, BEK10, PGPD19, Sal15]. **Leader** [CDD12]. **Leader-based** [CDD12]. **leaderless** [CB16, SGD+16]. **leaderless-dependent** [SGD+16]. **leaders** [KW15]. **leadership** [HKB10]. **leading** [MFN+18, NBW10, NBW11, RRC+11]. **leads** [CCA17, Eft13, FPD15, ITO16, LCTG15, SK16a, STN+19b, ZLY+17]. **Leaf** [RHS14b, RHS14a, CdPD11, HTM16, KCMF11, LFM14, TSdL14, WCF12]. **leaf-cutter** [KCMF11]. **leaking** [SJK18]. **Leaky** [MGGM10a, JSK16, KDMD13]. **learned** [LDA13]. **learners** [CZN12, KMMS17, Mar19]. **Learning** [BSC+18, FLCS+15, AH16, AMFL10, BBP13, DHT19, EHSR17, EL12, Fer11, GJ10, IA17, Kea16, KMMS17, MN11, Mei12a, Mei12b, Mei13a, Mei13b, Mei14, MHKA16, Mor19, NS19, SMG18, SLT+18, TM12, TBA14, XWC11, ZPHS11, ZNCM15]. **leave** [IIVR10]. **leaved** [STI13]. **leaves** [KHB+18, LKSM14, LL17b, Mit16, TDT16]. **Leaving** [GT12, Jia16, PMW12]. **lectins** [OSV+16]. **left** [DPCM16, Gra18, LE19, She11b, SWSLMJ19]. **left-hand** [LE19]. **left-handed** [She11b]. **left-right** [SWSLMJ19]. **leg** [BAM+15, BBJDS11, SS15b, SS15c, SS18]. **legacy** [O'M17]. **Legal** [RFME+12]. **legged** [MS14b]. **legs** [ARB13]. **Leibler** [LZ18]. **Leishmania** [DJD10, SMJS14, WWIG19]. **leishmaniasis** [SYSF17]. **Lempel** [YHY14, ZLY14]. **lend** [CT14b]. **Length** [SH16, AJC12, ABD+11, Don13, EBX17, GSV11, IST11, Kee10, LSC+18,

MZWC10, MR10, Pon12, Por13, RG18, SCLC13, TSB10, THBM10, WC10]. **length-biomass** [MR10]. **length-dependent** [GSV11, THBM10]. **lengths** [CS15a, JB18a, POLT12, SS12a, TSB10, YW13a]. **lens** [SSLB15]. **lentiviruses** [VCF+19]. **leptin** [CVPCV+15, KSU+18]. **lesion** [KDMD13]. **less** [HII+19, MG17]. **Lessons** [TXY+12, Tjø10, AK15, CEdLSG+16, PGGvL+19]. **lethal** [Bon10]. **lethality** [TMM10]. **Letter** [ARD12, JN14, JAHKH12, Kir11, gSxFH+12]. **leukaemia** [CMS16, SBM+19]. **leukemia** [KEG17, NSH+10, ZCT18]. **leukocyte** [GMMN18]. **level** [AHJ18b, ANY14, BB13, GBRS19, HBW+11, JCG15, KB10a, Kon12, MN11, NBBCC18, NWZ15, NBW10, NBW11, PDB+15, PNP+16, PDNP16, RRC+11, SC10a, SL10, SCC11, SFD12, SP16, SBSE14, WSTL16, XGZ17, YG18, vLSBBD11]. **levels** [FGLS10, Jam14, Jam15, TM12, YST14]. **Levy** [EPP19, BC15, CHL+19, Han12, HS14c, Rey13, RSC14, RPCW18, TA15]. **LGT** [SMC17]. **L'Homme** [LCCB11]. **Lie** [SFSJ12, Sum13]. **Liebig** [GVCG12]. **Life** [BWB11, BDE+14, CBC17, DBB14a, SSD12, Tox19, Bau18, BZA16, BI10, BBDB13, BHLH12, CLG+10, CLG+11, Chu10, Coo16, Dai12, Di 19b, Di 19c, Dol16, DMSW10, Fil10, GS13a, GS14, Gri15a, Han10, HIT18, JMZ13, KMH19, LCCB11, LG12, MCN10, MP13a, Mau15, MLT10, NNH+16, Nik15, NNK10, OT13, Pia19, PBD11, RBRB15, RVP19, RRR15, Sat10, SMG18, Tox17, TRJD19, VW10, WSK+19, XSMF12, YYST13, tBdR18]. **life-course** [BBDB13]. **life-cycle** [LG12, MLT10, XSMF12]. **Life-history** [BDE+14, PBD11, SMG18, TRJD19]. **life-Symmetry** [RVP19]. **Lifelong** [BCPL10, MS13]. **lifespan** [KTI18, KS15, Nei14, RRR15, SKK+12]. **lifespan-shortening** [SKK+12]. **lifespans** [HZW+14, KBV12]. **lifetime** [PAA11]. **lifetimes** [PC13]. **Lift** [JLH+15b]. **ligament** [SGAM12]. **ligand** [ÅCHS19, CML11, FCS18, HWW+14, KG12, KC11b, QQJW13]. **ligand-binding** [ÅCHS19]. **ligands** [AH12b, GDPPSS+11, WB15, YNY+10]. **ligase** [PRH+11]. **Light** [Jen10, ÅCHS19, CFL+15, HWGT15b, KSP12, LRL+16, LL17b, MZ17, MSC10, MCL+11, OFT15, PKL12, SM17b, dBJ11]. **Light-dependent** [Jen10]. **light-induced** [LL17b]. **light/dark** [LRL+16]. **lignin** [BMN16]. **like** [AES+13, AOT+11, ABK+12, CHH10, DQY+15, DZE11, FPG11, KFG15, KS14, LC17, LFM11, Mas14, RGP13, SSKK17, VPGDP+14, vNÁBG12]. **like-minded** [Mas14]. **likelihood** [BFLS17, HC17, LSC+18, MKF+14, SENS+17, SC10c, UAL10, WZ15]. **likelihoods** [HS11]. **likely** [Ber14, CHL+19]. **limb** [CSB15, GBN14, Pon12]. **limbs** [GP11a]. **limit** [GF11, MGCL13, Uit11]. **Limitations** [GSCS11, BH12, FE11, GMMGVD12, LHD+17, MP16]. **Limited** [Chu17, CNDK15, HKM12, IH17, BBD18, HWGW18, Jab10, KFA12, KST17, Lar16, LCCC10, MS14c, SSvdM10, SI19, SYSM11, TGB+18, YSYI13]. **Limiter** [SSD13, FH13b]. **Limiting** [AGM11, LSDD13, MPS16, SY17, DK13a, RC11, Sch14]. **limits** [BL15a, Chu18, HM11a, Par19, Sch18, Sch21, TDW16, Zab11]. **line**

[OOY16, cSGFB17, Voe18, ZBA18]. **line-associated** [Voe18]. **lineage** [bCRS17, CNL14, Di 14b, LWH+11, SSKS18, SSKS20, WML16]. **lineages** [RJSC18, SS15d, YAK17, YLLL12]. **Linear** [CCF+14, YW13a, ACdlRMR+11, BCF16b, COG19, CZW+11, Das18, JAHKH12, JRG14a, JRG14b, JRG14c, KMD+12, KCJ+11, LCSH14, LT14, MI19, MPT19, NSKO18, Pav14, PHPM18, SRD+15, SKF16, SG15b, TGB+18, Van17b, VLFF12, WRH+16]. **linearized** [LZWK11]. **Linepithema** [vTMW15]. **lines** [DBBW09, DBBW11, DKP+18, FLM18, TKK14, TW13]. **linguistic** [MPS+11]. **Link** [DPCM16, EB15, BC13, CNL14, FKK14, RBRB15, RBRB16, TK10c]. **linkage** [Gar14, Has14, ITO16, JAM18, RRÚJ19, SKH17]. **linked** [AKR+18, AGM11, BUC14, BTK14, FKK14, GGM12, Sek12]. **linker** [HHF11]. **Linking** [CML11, Mor16, PMD+18, GHS18, GHS20, HS14a, LHD+17, PVB+10]. **links** [CZJQ14, WSP14]. **lion** [LLLV11]. **lipid** [BMSEE14, FBM19, She11a, ZWvG10]. **lipid-structured** [FBM19]. **lipids** [MK18b]. **lipograms** [LCF17]. **lipoic** [KHH+17]. **lipopeptide** [KSK+17]. **lipophilicity** [Mar12]. **lipoprotein** [JSK16, VSW10]. **Liquid** [LLK14, AdSG14, WBB+18]. **Liquid-intake** [LLK14]. **liquoring** [SSST19]. **Lispro** [SAI14]. **listeners** [SN16]. **Lite** [LDWW14]. **Lite-based** [LDWW14]. **Literal** [TWP16]. **literature** [PBSM19]. **litura** [KSK+17]. **live** [ZM10]. **liver** [BDTR15, BRN15, BHO+18, CLHB11, CMR+18, LHW14, LLB+18, OBAI11, SSR+19, ZXS+19]. **livers** [OABI12]. **livestock** [Cha18]. **living** [BL15a, BCPM+16, GKWG17, NO18, SA17]. **load** [MSP19, OMO13, VMZK+19, WML+17]. **loaded** [She10, SGB12]. **loading** [JBSFB12, KTT+19, LCA+15, MYK+11, Mil16, RS12, TKTB18, WYL+18]. **loads** [DPRSS11]. **lobule** [DLL+18]. **Loc** [WMK14]. **Local** [AT10, CJKR10, MKJS13, NT14, OO17a, TGL15, ATRR10, BBM+97, BBM+13a, BBM+13b, BBM+13c, BJPP12, CBC+18, CT18b, DL15a, FGJ10, GWBL12, Gal11a, GWW+10, HB16a, IU18, LTP19, LPH18, LPH19, MH12, MGCL13, MMAS13, MDEKH13, PGLZ14, Soz13, Str11, TKK14, UI10, WSH+10, WGO+15, XLL+10, YK11, YZFY16, dBJ11]. **localised** [ABR11]. **localization** [ABD+11, CXC18, DHS+15, DTY12, FKB13, iHIM12, HLS+12, LLW+18, LZG+19, Mei12a, Mei12b, Mei13a, Mei13b, SRD+15, SC10b, STG19, Sht17, SBJ+18, TKK14, USF+18, WMK14, WMK15, XWC11, ZL18a, ZD18]. **localizations** [AAJGCD15, YLL+14]. **localized** [MYC12]. **Locally** [HH16, HHD+16]. **location** [BSB+13, BCPG18, GC16, LWW14, LTL+15, WMK13]. **locations** [FL12, HY13, JD17, QLC+18, SSSD17, SOIO10, ZMS11, ZLW+19]. **Loci** [HG18b, LZG+19, Mog15, YI16]. **locked** [Opr10]. **Locking** [XWW+19, LV17, WSLC14]. **Locomotion** [Ios16, HFT15, IUK14, MS14b, OYIM10, SS15b, SS15c, WL13]. **locomotor** [Pon12]. **locus** [HT13, Wax11a, XW17, PR17]. **lodging** [BSB14]. **Log**

[Gla13]. **Log-transformation** [Gla13]. **logarithmic** [Bal13]. **logging** [LSDI15]. **logic** [PPM12, SCS14]. **logical** [AJM19, TK19]. **logistic** [Fra16, GAGP+14, GW13, JMS18, KKD18, LLL13, Sch18, Sch21]. **logistics** [KBKK14]. **logreg** [DSPM14]. **loners** [GT12]. **Long** [BS19b, BD12, GA14, MK18a, MBP16, MI11b, OYIM10, AGGME18, ABLH18, BHLH12, BHSB11, BvLH14, FLM18, FHM18, HKS15, HKS16, JP19, MPP+16a, MS12a, MSL+16, NS11, RRR15, SKSO12, SBB14, VZB+15, WGS15]. **Long-distance** [BS19b, BHSB11, BvLH14]. **long-range** [AGGME18, JP19]. **Long-tail** [OYIM10]. **Long-term** [GA14, MBP16, MI11b, ABLH18, MPP+16a, MSL+16, SBB14, VZB+15, WGS15]. **longevity** [CHK16, JB18b, KMCH14]. **Longitudinal** [JB18a, NNH+16, FH10a]. **look** [AA12, Kři11, RVP19, Ros15, Zhe16]. **look-and-run** [AA12]. **Looking** [Bro13, NGND12, SLL18]. **Loop** [DB11, ACT12, AGS18, DD13, GI15, JB19b, KHS13, KGM15b, LL13b, MK18a, MB17, RLM+14]. **Loop5** [HNL+11]. **loops** [AN13, iHIM12, MB14, RA18, Sel14a, UT17, ZCSRG12]. **loser** [SYI17]. **losers** [MG17]. **loss** [BV13, LS13a, LKO+17, Mal10, RT19, SRH19, SPCM18, WGS10, ZPM+15]. **losses** [bCRS17]. **Lost** [BLS17a]. **Lotka** [DG11, DZJR10, Mil11, THM10]. **lottery** [AR17]. **Love** [AW12]. **Low** [JSK16, LHD+17, VBHM+13, BTW11, DGJ15, DPCM16, GGBW14, GMS+13, GAY+11, MGO+15, MAA18, OTTF11, PR13, SV14, SSV+15, UBP12, VSW10, ZZK14]. **low-complexity** [MGO+15]. **Low-density** [JSK16]. **Low-dose** [LHD+17, GMS+13]. **low-similarity** [ZZK14]. **lower** [CSB15, Lev14]. **lower-bounds** [Lev14]. **lowers** [HBSF11, IH17]. **LRRK2** [ADS+19]. **LT2** [SPSM15]. **LTB4** [PDRC16]. **LTD** [HKS16]. **LTP** [HKS16, SBB18]. **LTR** [CLPZ14, WML+17]. **lubrication** [dLMV+10]. **LUCA** [CBC17]. **lumbricoides** [CH18]. **lumen** [GTB10]. **luminal** [DvDBD15]. **luminescence** [FBK11]. **lumped** [BSMK11]. **Lumping** [IMM16]. **lung** [BJWL15, BSB+13, CPF+13, CvBF18, Don17, GL18b, GY19, HWMT17, HHMT19, HGB+13, LFB+16, LTZ17, LTZ19, MMFK10, RS14b, SCS15, SMA11, SCKL15, TDZ+18, TLPH11]. **lunge** [PGS10]. **lungs** [Don17, KBV+15, SCT12]. **Lupus** [LZL+19]. **Luria** [Zhe15]. **LVQ** [YC13]. **LXA4** [PDRC16]. **Lyme** [WDL+13]. **lymph** [CZPC+18, GMM+13, MMFK10, MMLK11]. **lymphangiogenesis** [BPS15]. **lymphatic** [WFM+13, WFC+14]. **lymphoblastic** [NSH+10]. **lymphocyte** [DP13a, LG12, PDNP16]. **lymphocyte-mediated** [LG12]. **lymphocytes** [ABD+15, WMHH10]. **lymphoguanylin** [PPC+17]. **Lynn** [CB17b, LP17, Sat17]. **Lys** [JLX+16]. **lysine** [CCY+19, JLX+16, JCG15, JCG16, SQS+12, XDD+15, XWD+10]. **lysis** [BL14]. **LysRS** [NTC+11]. **LZ** [DYS+13]. **LZ-word** [DYS+13]. **LZCC** [Zho11].

M [Pan19]. **M.** [PCC15, SCC11]. **M1** [dBE16]. **M2** [dBE16]. **macaque** [HII+19]. **macaques** [WVO+15]. **Machine** [AH16, FLCS+15, GYWJ10, IA17, JW18, KHX+19, KSKK15, LYF+15,

MHKA16, MBE11, Nic19, NHSX14, PWG16, SMG18, SLT+18, XWD+10, pZWZ+16, ZZC+17, LCCB11]. **machine-learning** [SLT+18]. **machinery** [GHS18, GHS20]. **machines** [LRA+13, ZDG+10]. **MacKay** [DSF11]. **Macro** [KPD18]. **macroalgae** [BI10]. **macrocysts** [SSS17]. **macroecological** [TKKE19]. **macromolecular** [DS16, MPCTGJ+15, ØW16, Rou14, Vaz10]. **macromolecules** [SKGM19]. **macroparasite** [TWS15]. **macrophage** [CHD+10, FKB+12, FBM19, KPEK14]. **macrophage-facilitated** [KPEK14]. **Macrophages** [EH17, AHMA+19, BB19, HHS+10, NJP18, PL14a, PL14b, dBE16]. **macrophytes** [STI13]. **macroscopic** [GS10, GHS18, GHS20, KDMD13, METC12]. **Madin** [HHA17]. **Magnesium** [KBK16, CZT+16]. **magnetic** [FR13b, MPL16, Tay16a]. **Magnetohydrodynamic** [ZG19]. **Magnitude** [PCC15, Oko15]. **Magnus** [WRWX19]. **Mahalanobis** [QZY17]. **Main** [DDF+14]. **Maini** [Ano19-50, Bur19]. **mainland** [XTZ+13, XSTW14, ZJY19]. **maintain** [Ezo19, FXML18, LCHMP16, XKCG15]. **maintainable** [HK16]. **maintained** [Bon12, DEG+14]. **maintaining** [LHW14, Miy16]. **maintains** [Cza14]. **Maintenance** [Lar10, XDC+11, DBD15, GWE11, NSH+10, PCBMM12, PRM14, SBB18, SLvdBMP10, TR17, VSLVB15]. **major** [BKL+15, DJD10, Jam15, MMFK10, SMJS14, SZ10]. **Majority** [MS14d]. **make** [HNP18, MG17, Pan11]. **Making** [BFW10, LLSO13, AOT+11, LTSTD15, LNL+11, RLK10, SYI17, Sue12]. **malaria** [ADB+13, BAR14, CSS+18, DROC11, EN15, GM19, GWCA14, KMCJ17, LP19, MS16, NKL10, NT14, NDZMA14, NMAZP16, NTED+19, OL19, PNVN18, PEZ+13, PRM12, PRM14, TEY16]. **malariae** [CMD+10]. **malarial** [EN15]. **Male** [FKMG15, TEW12, BWB11, DEG+14, HIT18, MG17, Nak16b, RQB17, Unc11, YSYI13, YYB+19, YY18, ZLT+19, ZXS+19]. **male-caused** [YY18]. **male-killing** [Unc11]. **male-male** [Nak16b]. **male-sterility** [YYB+19]. **males** [Gar14, Gra14, TT10b, YSYI13, YYST13]. **malignancies** [MPC12]. **malignancy** [SGGY10]. **malignant** [RTRRS+17, SHvHB16]. **Mallotus** [EBS11]. **mammal** [Sil16]. **Mammalia** [TF15]. **mammalian** [ASK17, AA16, BZN17, Bec14, CLHB11, CKBCG12, DTGD19, GGG19, Jam13, LF16, LW12, VB19a, Xie11]. **mammals** [FPdRdH10, NNK10, PC17, PEZ+13, SPO+10, VAT18]. **mammary** [BCS+16, CFR+14]. **manage** [YTGW16]. **management** [ACH18, ABR19, GL14, HYSG19, HF17, IL13, KKUM10, MM19, MA13, NNvdB17, NBA+18, PGF11, RDMP11, TB16, TTC10, TSL12, VCF+19]. **Managing** [KPG19, MGB17]. **manganese** [KBK16]. **mange** [BCF19]. **manifold** [Bro13, BBP13, TMF17]. **manipulation** [AK13, Fer11, HXL18b, SK15]. **manipulations** [KMM18]. **Many** [BWM+19, Bur19, CBBO16, CD16, Ezo12, GT11b, Hay16, HG18b, LCHMP16]. **many-player** [GT11b]. **map** [Gau11, HGM15, IMA14, MGM13a, NvD17, OABB18, TWP16, WDL+13]. **map-based** [MGM13a]. **MAP1B** [KK17b]. **MAPK** [KFL12, ZG10c].

Mapping [BJJR10, DRC11, FK18, FWLW11, KSM+15, Mog15, SQZZ17]. **maps** [Bec14, FH13b, GMK18, RNVP10]. **MAPT** [HRHAAA15]. **March** [Ano10z, Ano10-33, Ano11-41, Ano11-45, Ano12y, Ano12-37, Ano13-33, Ano13z, Ano14-45, Ano14-28, Ano15-31, Ano15y, Ano16-28, Ano16-41, Ano17-36, Ano17-29, Ano18-29, Ano18-48, Ano19-40, Ano19-35]. **margin** [IS17]. **marginal** [Di 17a]. **marginalis** [Whi11]. **marginally** [Bro13]. **margins** [HBT13]. **Margulis** [CB17b, LP17, Sat17]. **Marie** [AKR+18]. **Marie-tooth** [AKR+18]. **marine** [KG13, MP13a, MROS15, NNK10, TM14, Tak16, VAT18, YSYI13]. **marital** [MMC19b, ZSW+14]. **marker** [MKBE17a, MKBE17b, MKRE18, TF18]. **markers** [DQS+15, FMS+10, Mor11, PHTP+12, Tal12, WCC14]. **market** [Ant13]. **markets** [Bar11, MLMG+15, Ran12]. **Markov** [BCFR10, CJKR10, CPGF+16, CSM+14, FLGGD+14, HM11b, Jia16, LYF+15, MC15b, RFME+12, RLFS18, SG15b, SFSJ12, Sum13, TSS16, UBP12, ZLW16]. **Markovian** [LZT13, ACT12, BBR16, LZT12, PHK15, Veg10]. **marriage** [Arc13]. **marrow** [AOM19]. **Marshall** [vV11b]. **Martingales** [Mon18]. **Maspin** [AMFR+16, AMBH+13]. **Mass** [FT12, Mac11, CDD12, Cro18, DBD17, EN15, HPP10, Höh15, Hor11a, LLG16, LS18, MKBE17a, MK14c, PIPB10, POP12, SSME10, WSRG18, Woh15]. **mass-extinction** [Höh15]. **mass-recruiting** [Cro18]. **mast** [TI13]. **master** [ZS10]. **masticated** [DDF+14]. **masting** [AM10]. **Mastomys** [GRBL13]. **masu** [HIT18]. **matching** [AdVG15, ESS19, MBBD13, ZLZ+15b, ZLZ+16]. **Mate** [MM18, WSW10, BBB18, CC11b, HLI15, NT14, SLL18, TI12a, YK11]. **mate-finding** [BBB18]. **material** [CW11a, Fil15, GSF13]. **Maternal** [FPD15, FGH+14, Fil15, Jam14, Jam15]. **mates** [SBJ13]. **Mathematical** [ASC15, AOM19, AP17, AM12, ADR+11b, BCPM+16, BB19, BHO+18, BJ18, CWM11, CDO17, CSBK15, CWB+17, CKB18, CSS+18, CSKZ19, CSKF10, CHN+15, CDGV10, DGNT17, DBM+18, DPC15, DTGC14, FBC12, Fok12, FM13, FIJJ11, GT11a, GE18, GBJ+11, GSS19, GMB11, GCYL18, HTM15, Hir16, HHE19, HBA17, IBB+15, IvLP12, iITIM15, KCMF11, KMZR18, KSSM11, KLJ17, KdlRJ18, KPEK14, KSK+16, LF19, LBMG16, LSMP14, LMHF13, MOEdP16, MRF19, MVH11, MFL+18, MMK16, MSA+16, MTLW+10, NKB16a, NPMM15, NTOI16, PH13, Pai19, PRC15, PBSM19, PVGV19, PLD+17, RMM+16a, RZRSC19, RKMG12, RGL+17, RBB+12, SRK+12, SBM+16, SNY+17, SDT17, SBW11, SSM+18, Sht17, SD16, SMA11, SSR+19, SRH19, SW13b, SPL14, TLL+12, TRM+14, UK17, VHM+17, WVO+15, WCM15, YCL+17, ZARK19, ZLZ15a, ATK10, AHW13, ANGPB12, ABR19]. **mathematical** [ANK10, ABH+11, AHMA+19, ABV19, Ano19-27, AHAFA14, ALH16, ARM18, BRK16, BTR18, BCPL10, BPP+16, BBJ+10, BTH+13, BSM+14, BPS15, BTF19, BGD+13, BSR+11, BCF16b, Bue15, BMGC11a, BMGC11b, Bur19, CFS+19, CVH+10, CPW16, CPF+13, CCG+18, Che12, CWP+18, CKN+12, CTB18, CCAdS13, DG11, DL12a, DMP15, DLHS11, DHT16, DFG+18b, EPJ+09, EPJ+11, FBFM12, FKDW15, FBU11, FWLW11,

GKMC10, GLR+18, GA13, Ger16, GTC19, HL11, HI19, HHSA15, HLVR16, HBA10, HGO+18, HGM+16, JMH+19, JSDEK14, KSU+18, KSP+14, KBE+13, KJ19, KHNM16, KFW12, KCS+15, KS16, KK18, LPP+19, LF17, LSP+17, LZA+19, LA12, LF16, Leh18, LHW14, LSY+10, LX16, LZY+15, LLB+18, LDdA+13, LXLF14, LNRK11, MZ17, MM12, MT14, MGGM10b, MYC12, MBBV14, MKMG+14, MBC+12b, MS12b, MSE+14, MF19, Mor10b]. **mathematical** [Mor16, NS11, NH19, NS13, OFT15, OO11, PCT11, PCT19, Pan19, PDRC16, PMK15, PL14a, PL14b, PDF18, PCS+18, PC10b, PMKS+15, POK+12, QJR+16, RM17a, RVZ14, RTR+13, RRBM12, RWW+15, REC10, RAF+14, RH19, RTEKG12, RTEKG19a, RSD+13, RB15, RBG+17, SGAM12, SBSR13, SBP13, SHK14, SPO+10, SK12a, SYSF17, SY11, SZ10, SW19, SHSR15, SH15, Tac10, TWTA+18, TDHC+18, TEY10, TAL19, TT17, TDM14, TK10c, VKKA12, WXWL12, Wod18, WBB+18, XYN15, YKO+16, ZCS+15, dSKBS10]. **MATHT** [SLW+18a]. **Mating** [LPvSP11, LPvSP12, Ant13, BWB11, BM14, BAR14, CC11b, FH13a, GGM12, HT16, LG18, LF13, MO12, NH12, ZKTK10]. **matrices** [RLFS18, Sum13]. **Matrix** [AH16, Bue15, DLL+17, ESGA15, GCM17a, HSMCCR19, HHF11, KPK+13, KHH10, KHK+17, KC17, PDB+15, PNP+16, PDNP16, PLN14, POP+19, PSAA13, QLC+18, SLDP13, WYX+17, WZY14, ZSZM14]. **matters** [Das12, Gau11, PCBMM12]. **Maturation** [BT17, BI12, LZTD18, PBD11, WSRG18]. **mature** [BLZ+19, DKR16]. **maturity** [ZZS19]. **max** [BBRT12, MKF+14]. **max-plus** [BBRT12]. **Max-SAT** [MKF+14]. **maxima** [RG18]. **Maximal** [FS16b, HK16, MPP16b, CHL+19, JD16b, LYF+15, Mic15b, SSB+15]. **Maximization** [BCBD19, Arc13, LPF11, OWB14]. **maximize** [SWR11]. **Maximizing** [ARZ15, KOS13]. **Maximum** [BH13c, LSC+18, MKF+14, SENS+17, TM15b, UAL10, BR14, BFLS17, Fue16, GL12a, GK13, HC17, KPK+13, PMKM10, TP14, WZ15]. **Maximum-likelihood** [LSC+18]. **May** [Ano10-27, Ano10-34, Ano11-47, Ano11-30, Ano12-46, Ano12-35, Ano13-30, Ano13-27, Ano14-30, Ano14-33, Ano15-39, Ano15-29, Ano16-39, Ano16-38, Ano17-41, Ano17-34, Ano18-28, Ano18-37, Ano19-46, Ano19-41, CR14, CW11a, DI13, Di 12, EVRE14, GL18b, GBM18, HNP18, MJI14, POP+19, SS15b, SS15c, TGC+17, VGZS18, WR14, YY18]. **MCF** [OOY16]. **MCF-7** [OOY16]. **MCF7** [DLM+19]. **McGehee** [XF13]. **MDCK** [HHA17]. **Mdm2** [Eli17, OAJK10, STX+11]. **meal** [BSR14]. **mean** [FLGGD+14, GSCS11, KTJ19, PDSP13, STLJ18, dlCGSA16]. **mean-field** [GSCS11, KTJ19, dlCGSA16]. **meaning** [LDB+14, ZDF+12]. **meaningful** [WMT10]. **means** [AGRR+15, JM12, QF10, RRRRSPTR16, SM10a, WMD+11]. **Measles** [SGA+12, KN11, Lan16]. **measure** [DLYZ11, FHW+10, HY16, Hua16, LXJ15, MK11, Mar17b, PBD13, YW13b, YCY14]. **measured** [PW18a]. **measurement** [Han17, LLB+18]. **measurements**

[ADMR16, BPP+16, KBF18, METC12, SPMGR10]. **Measures** [Orr19, ALH16, DZW10, Est10, Gia13, HMM11, WSK+19]. **Measuring** [DPRSS11, FSW+16, XTZ+13]. **Mechanical** [LH13, MS18, MGC12, WHWZ18, AA12, BSP18, BZL17, CPF+13, Cle18b, Fue14, Fue15, GHS18, GHS20, HGGCR13, IS17, Js12, KSSM11, Kue16, LHPF18, MBPS17, MGC15, PDL+17, RHJ11, SGAM12, SAB10, TSdL14, TIMI+15, WBB+18, XWW+19, ZR16, Ran12]. **Mechanics** [vDVFH+18, ABD+15, ATG12, BK19, DCL18, FPG11, Ing16, KBL15, Kro10, MN12, RS14a, SHB+17, SAGAGB17, ST17b, WO11]. **mechanism** [ADC19, BZJP18, BL15b, CSKZ19, CW14, DGJ15, Di 16, DZE11, FD11b, GWW+18, HTM15, HMM16, HDZ+19, IK15, JLQ+12, Kee10, KFS+13, KPS17, LCG12, MSN14, Mor10a, PJ13, Pat16, RG12, Sht17, SWSLMJ19, TGB+18, TB11, TWH+13, TSB10, TCYY+12, WK18b, XF13, XKCG15, YG18, ZWY15, Zho11]. **Mechanisms** [HK14, JCW13, SYSM11, AGB+14, CCB11b, CMS16, Deu18, DTP19, Eft13, GZFX14, GT11a, GTSP16, HS14a, JLH+15b, KMA10, KEG17, Kon17, LKO+17, MMLK11, MZMM+14, NWWL18, PHÁBAI+16, Pat19, RDD14, SBMH10, SZ15a, SZ16, SGD+16, SH17, THC+11, TSP15, WDL+17, WBRHE10]. **Mechanistic** [DDF+14, AR17, BSR14, BGF+14, CKZ+17, EHBC10, GCSMMG+12, GG12, JG14, KB19, NWB+10, OCN10, RG18, SL10, SAKG13, TW12, WJL+16, YCB16, vLFM+19]. **mechano** [MDD13].
mechano-chemo-thermo-electrotaxis [MDD13]. **mechanobiological** [CAA11]. **mechanobiology** [ZTK12]. **mechanochemical** [HGB+13, MROS15, MHMM11, MAH12, SKH11]. **mechanomolecular** [SK10]. **mechanosensation** [KBL15]. **mechanosensitivity** [KLN+12]. **Media** [YTGW16, CFT11, CFGRB17, LLD+17, MBPS17, MBCM12]. **median** [VACGF17]. **mediate** [DHBS19]. **mediated** [ATI12, ABV19, AN10, AES+13, AC12, BWB11, BIMC17, CB10a, DHV19, EBSW17, FMLM12, GS17b, Gri11, HWD+14, KR19, LW12, LG12, Mal10, MGGM10b, Mic11, MK17, MH18, MA10, NF14a, NKB16a, Pie12, RC11, RK18, RH19, SDT17, STN19a, SN16, SK12a, TSB+17, UAL10, VM12, WFW19, ZAL+19]. **mediates** [Gar10, RG18, TK10a]. **mediating** [LVLC18]. **mediators** [CSDR15, GU13]. **medical** [HWGW18, RCH14]. **Mediterranean** [LG18]. **medium** [FKMP10, Gou16, MDVT10, RTFP+17]. **medulla** [PNP+16]. **medulloblastoma** [KSP+14]. **meets** [Ros10a]. **MEG** [KA16]. **meiosis** [SM11b, WKS14]. **meiotic** [TR12]. **Melanoblast** [ALD+11]. **melanogaster** [GAL11b]. **melanoma** [CCB11b, EBE10, EH17, HPM+17, HLTR19]. **melioidosis** [SSRA16]. **mellifera** [EM11, MKJS13]. **Melophorus** [RSC14]. **Mem** [WMK16]. **Mem-ADSVM** [WMK16]. **members** [ACdlRMR+11, NF14b]. **membrane** [AH15, AHJ18b, BC19, CRH+15, CN12a, CKD11, CL13a, DK13b, DTY12, DFC+12, GTS15, HYA14, HK11a, HK12, HMM16, KHK+17, KHKI17, KPS17, LSMP14, LL17b, MJ11, MB14, Mei14, MSA+16, PGT+19, PWC+15, RD12, RFdL15, SM17a, SM18, Sar10, SW15, SHB+17, SS17b, WMK16, WXmH10].

membrane-associated [RFdL15]. **membrane-penetrating** [BC19]. **membrane-substrate** [Sar10]. **membranes** [KMZR18, MPK+12]. **membranous** [GA13]. **MemHyb** [HK12]. **memorizing** [Tac10]. **Memory** [DHT19, Gau11, ME15, RLSN14, AJD11, DN18, HKS15, HKM12, KLHS17, Nak16c, OABB18, PAA11, RLK10, RA17, SI12, SXZY12, TK19, UK17, WMT15, YCH+17a, YCH+17b]. **men** [MFP+14]. **meningitis** [EKvdKvFK13]. **menopause** [CL13b, MS13, TR17]. **menstrual** [HS14a, RSD+13]. **Menten** [LJ18, OM10, Van17a]. **mer** [HA15a, Hua16, WZY14]. **merged** [Di 14b]. **merging** [Di 12]. **meristem** [MLL+16]. **meristematic** [GRB+13]. **merit** [Tak17b]. **merit-based** [Tak17b]. **Merkel** [KC13]. **MERS** [EAN14, AHJ+18a, SKPK17]. **MERS-CoV** [SKPK17]. **mesenchymal** [CMHM19, TK10c]. **mesendoderm** [BKL14]. **meshes** [MKKS14]. **Meshwork** [SCsMzX18, SNY+17]. **mesic** [MGCL13]. **mesoderm** [BKL14, JAK19]. **Mesoscopic** [CSM+14, SHG16]. **messenger** [FZL18, JWS+10]. **Messor** [PRMH14]. **meta** [LWH+11, TD18, XSCS12]. **meta-Boolean** [LWH+11]. **meta-food** [TD18]. **meta-population** [XSCS12]. **Metabolic** [OABI12, BRG+12, CPW16, COG19, DSF11, HHG14, HB10, IvdSW16, KB15, KJSS10, KdSUS10, LCCB11, Mac11, MDB12a, MT14, MKMG+14, MJC+11, MMK16, MF15, MRS14, NKM+12, OA15, ONO15, PYG+19, PMK15, PCBMM12, RS10, RBB+12, SHN12, SI19, SSD12, SK16b, WOB15, Wal16, WcW14, YIS+17]. **Metabolically** [CKS15]. **metabolism** [AEE19, BRK16, BDTR15, BRN15, CCS15, CRGS18, DQY+15, FTPN10, GLOC10, KSU+18, KK18, LRL+16, LPGTBMA19, LWvB+19, OBAI11, OCHHZ12, PCC16, RPGG+19, RWW+15, Tox18, ZXS+19]. **metabolism-associated** [ZXS+19]. **metabolizable** [LT14]. **metabotropic** [MPS+11]. **metacommunities** [AR11, BWL12, FGPR10, HD17, HGHL10, MSZW19, MAL+11, RHT18, RAMS11, SCF+18]. **metagenome** [DCS14]. **metagraph** [LT11]. **metamorphosis** [DPRSS11, iHM17]. **metaphase** [DL15b]. **metaplasticity** [FR14]. **Metapopulation** [LCJ18, NIiT18b, NiTI18, NIiT19, YiTS19, BGL10, CV19, GB12, Kis10, KJ11a, KKYV18, LLN+19, LS10a, MP13c, NIiT18a, NdlPZA10, NG17, NGS+16, NPS18, TL15, Tak16, TSS16, WHT17]. **metapopulations** [Ayd18, DGJ14, HBEW12, HvLPdB15, JH11, NP11, SSD13, TRG16]. **metastases** [HM10a]. **metastasis** [CLA+16, LD18, RH19, SS17a]. **metastatic** [BH13c, CBGS18, HP16, WMN18]. **methane** [BGF+14, vLFM+19]. **methanogen** [WJL+16]. **methanogens** [LWvB+19]. **methicillin** [PDW10]. **methicillin-resistant** [PDW10]. **methionine** [VHM+17]. **method** [BPM+12, BTK15, CJ12b, CTPB10, DLYW13, DYQ+14, lDsWM+15, FHW+10, FYZ15, GJ15b, lGLLL14, GGCJ16, HYA14, HLHY17, HYZ+15, HZWH10, JZZK11, Kha10, KGB13, Kon12, KK17b, LZL+17, LMJ+18, MMG+16, MAR+17c, Opr10, Ou19, PAK11, PNP+16, PRSC11, PWHW16, QQL10, QQJW13, QLWC19, RBMS17, RP18, SDRA+15, SMS19, SQS+12, SQZ+16, TLY+19, TAB+13, TP17, VACGF17,

WTQL10, WYL+19, WZ17, Wu14, WGH+14, XGZ17, YG18, YC13, YC15, YDC+13, ZTWL12, ZKHL16, ZZC+17, ZDY11, ZK10]. **methodological** [JPDP10]. **Methods** [GLR+18, OBHS19, Boc12, DGW+18, DEK15, Jab15, KOF+14, KCD11a, LYZ+18, MSM+14, MNH+12, MHKA16, MSS10, PDB+15, PWC+12, Ros10b, RCD16, SCF+12, SBB14, TMD14, WH14, WP17, XWW+14, dlCGSA16]. **methyladenosine** [AH18, ZZN+19]. **methylation** [BSB+13, JCG15, KKD18, LZA+19, MPC12, PRN10, SQS+12, TTC19, ZARK19]. **methylcytosine** [SIK+18]. **metric** [GKNT10]. **metrics** [CA17]. **metronomic** [BH13c, HL18]. **mevalonate** [DGW+18, PCS+18]. **mexicana** [WWIG19]. **Mexico** [OL19]. **MFSC** [AH19]. **MGMT** [BSB+13]. **mGneg** [CXC18]. **MH** [WXC10]. **MIA-QSAR** [MR18]. **mica** [Han10]. **mice** [AGC18, BTF19, LBW+13, SNY+13, TTB+18]. **Michaelis** [LJ18, OM10, Van17a]. **Micro** [PMSY17, GWE11, MAM16, SK15]. **micro-habitat** [GWE11]. **Micro-scale** [PMSY17, MAM16]. **micro/nanoparticles** [SK15]. **microalgae** [AK15, BBS10, FGLS10, GCSMMG+12, MMB18, NHS+16, PBR17b, PP18, PP19]. **microarray** [GGCJ16, KHX+19, OGE10, PS13, XSKA17]. **microbe** [GW19]. **microbes** [BID15]. **Microbial** [Aya12, SKS+19, Ber14, BSL+17, BWL12, CG10, DG12, DDP12, ESE15, FXML18, FE11, ISM+11, Jus11, KFA12, MB18a, SCH+19a, SI11b, SYY17a, SYY17b, SBS17, VBV10, WPPD16, WSTL16, XDC+11]. **microbicides** [DBBM11]. **microbiome** [HI19]. **microbiota** [LPP+19, MTLW+10]. **microchannels** [SP13a]. **microcircuits** [RNN15]. **microcirculation** [LHW14]. **microcrack** [POLT12]. **microCT** [KSM+15]. **microdamage** [SAB10]. **microenvironment** [CMHM19, CLA+16, KL18]. **microenvironmental** [CL14, CL19]. **microevolutionary** [SBJ+18]. **microfibril** [HB12a]. **microhabitats** [HSR12]. **Micromechanical** [FAFA17, WYL+18, dBB14b]. **microorganisms** [GI10, KK15, NNvdB17, ZG19]. **microridges** [LWY+16]. **MicroRNA** [LW12, ATI12, HW11, LF17, LFW+15]. **MicroRNA-mediated** [LW12, ATI12]. **microscale** [PMK15, Str13]. **microscopic** [CSM+14, DTP19, GAV15, GHS18, GHS20, METC12]. **microscopy** [KKO+18, TKK14]. **Microstructural** [NF14a, PMD+18]. **Microstructurally** [PMD+18]. **Microstructurally-based** [PMD+18]. **microtopographies** [Alv19]. **Microtubule** [WdVMD15, BB15, HCK+11, MAFK12, SSZR17, WHH17]. **microtubule-based** [MAFK12]. **microtubules** [AAJ15, CN10, DEK15, DL15b, SA17, She10, SPL14, THBM10]. **Microvascular** [CR19, EBP15, PA15]. **microvasculature** [MP19]. **microvessels** [KCJ+11]. **mid** [KMH19]. **mid-life** [KMH19]. **Middle** [EAN14, LCJ16]. **Mig6** [ZZ18]. **might** [DMCP14, Har15, SGGHS19]. **migrant** [WW12a]. **migrating** [AA12, MSBB13]. **migration** [ASL+18, Bon12, BMB+18b, CML10, CCS18, CNDK15, Cox10, DMO+17, GMOP12, GFM+19, HBEW12, HPM+17, HYQ+16, KCS16, LFZN11, LZT12,

LZT13, Lun13, MPBS17, MPS16, MFG14, MA10, MK16b, MDD13, NIiT19, NCLB16, NP15, NdlPZA10, PGG+15, RPD14, Sch19c, SLJ+10, SN17, TD18, WRH+16, WW12a, WCW15, YiTS19, vLSBBD11]. **Mildvan** [TMF17]. **milieu** [LHW14]. **milk** [Sil16]. **mimetic** [GWE11, SFT14]. **mimic** [BTR18]. **Mimicking** [SKD+10, SABB15]. **mimicry** [LBJ13, PS12, Ros15, YLY15, Yam16b]. **mimotope** [SQZ+16]. **mind** [EM11, Nik15, PW19, GDPPSS+11]. **MIND-BEST** [GDPPSS+11]. **minded** [Mas14]. **mineral** [CKS15, DDS13]. **mineralising** [WPPD16]. **Mineralization** [MH13, VH11b]. **Mineralization-driven** [MH13]. **mineralized** [HB12a]. **Minimal** [Jus11, RGBR17, SHS13, CEdLSG+16, Chu17, DS19b, JD16b, LPB17, LPB18, MPP+18, SK10, SM10b, YZFY16]. **minimalistic** [ABKS11, IDI11]. **minimaxity** [MKE15]. **minimisation** [Bac15]. **minimise** [CPV16, CHN+15]. **minimization** [BRP+18]. **minimize** [FR17]. **minimized** [Mas16]. **minimizing** [KOS13]. **Minimum** [Sat14, SWTO15, FYZ15, HB12b, KPK+13, QZY17]. **Mining** [HZL+11, CDC18]. **minnows** [HCHI18]. **minor** [MKF+14, NYSM12]. **minority** [JZ17]. **miRNA** [DHBS19, FD17, HW13, HZL+13, SFMS16, SCKL15]. **miRNA-miRNA** [SCKL15]. **miRNA-mRNA** [HZL+13, SFMS16]. **miRNAs** [HZL+13, WSH+10]. **Mirror** [LYK12]. **miscarriage** [Jam15]. **misleading** [HC17]. **mismatch** [BCKS13, SEK+10]. **missense** [MPP+16a, RMM+16b]. **missing** [RBRB15, RBRB16, SPH12]. **misuse** [HS14b]. **mitigated** [BTW11, Kar16]. **mitigating** [KdlRJ18, TXY+12]. **mitigation** [MPLK14]. **Mitochondria** [HK17, Har15, HBSF11, Sel12b, Sel15b, VHS17]. **Mitochondrial** [KDK14a, KDK14b, Rad16, BBR10, GA14, OTTF11, Sel11, Sel12a, Sel13, Sel14a, Sel15a, Sel16, Sel17, SB15]. **mitochondrion** [YLWZ10]. **mitomiRs** [VHS17]. **mitosing** [LP17, Mar17a, Sat17]. **mitosis** [SK10, SP14, WKS14]. **mitral** [LCA+15]. **mixability** [LPF11]. **Mixed** [ŚKSRW16, ZWC+13, ASGE14, BSV+10, CMD+10, KSP12, MO12, NWWL17, Pag19, PCC15, RRB10, SCC11, SNCM12, TBB14, UI10, WL19, ZDF+12, ZLW18, ZK10]. **mixes** [MFP+14]. **Mixing** [YSI17, FHSG15, MPLK14, Rad16, TLPH11]. **mixotrophs** [CG10]. **mixture** [PPT+16, VZB+15]. **mixtures** [QLWC19]. **mLASSO** [WMK15]. **mLASSO-Hum** [WMK15]. **MM** [ZZ18]. **MM-PBSA** [ZZ18]. **MMP** [SMS17]. **MMP-TIMP** [SMS17]. **MMPBSA** [KJM17]. **MMTV** [Mic11]. **mobile** [RW16, TA15]. **mobility** [BV12, IH17, MAW12, MP13c, PTC13, SK11b, XTZ+13]. **mobilization** [SW13b]. **modal** [RSC14]. **mode** [BI12, GL18b, KHH+17, LD11, MZAI19, RW15b, WSLC14]. **mode-locking** [WSLC14]. **Model** [ACH18, All11, BS15a, Das13, DP13b, FHS+14, GCB17, KBV+15, LKO+17, LL14, LSLL13, MB18b, Mor10a, Mun12, NAK+11, NF17, OA15, PVGA12, RSI11, RG12, SBR10, SGS15, SS15f, TT17, WBRHE10, ZKMB19, ACR+17, ABB+19, AAAV14, AV19, ACT12, AHD+18, ABKS11, ANMH11, ATK10, AHW13, AJD11, AMBH+13, AMFR+16, ANGPB12,

ABR19, ABR11, AA12, AWRD15, ABH+11, ABV19, ABJ12, AdlPLMZ13, AP13a, AM12, ABN15, AR17, AHAFA14, AHJ18b, AP13b, AN17, AOT+11, ABK+12, ASF+15, Bac15, BTR18, BSB14, BPS19, Bal13, BBR16, BKR14, BP18, BB15, BFJ+18, BBJ+10, BTH+13, BTG+15, BBR12, BF13, BFR14, BF15, BGKL17, BSV+10, BJJR10, BBS18a, BBR10, BCF19, BKL+15, BGF+14, BHBH11, BDID+12, BSM+14, BB10, BPS15, BHH+14, BTF19, BM10, BSR+11, BSS11, BCF16b, BSB+13, BLS+12]. **model** [BR14, BMM+14, BCPG18, BBRT12, BDR10, BJ17, BZ10, BC13, BMB+18b, BPGS12a, BPGS12b, Bue15, BHSB11, BMGC11a, BMGC11b, BFGAGA16, BCS+16, CHL+19, CJKR10, CS11a, CCS15, CRGS18, CFCM13, CVH+10, CPW16, CN10, CTA15, CDO17, CKZ+17, CC11a, CCB11a, CTJ10, CGvG+15, CMS+19, CCG+18, CC11b, CAGM+17, CL17a, CFZ14, CN12a, CS11b, CK16, CHH10, CKD11, CJRR11, CW15b, CWP+18, CKB18, CH16, Che14, CKN+12, CK15, CJL15, CTB18, CFF11, CMHM19, Chu10, Chu17, Cle16, CA17, CB16, CG14, CV19, CZPC+18, CGRRGM+16, CAA11, CMJD11, CFR+14, CMR+18, Cro18, CMS16, CMGN17, CEKM+19, CKS15, DFM+14, DS15b, Dal17, DJD10, DDHM12, DS19a, DG11, DBBW09, DBBW11, DLSD15, DH16, DAVS11, DGNT17, DB19, DL12a, DAA17, Di 13b, DROC11, DHHP14, DCN13, Dim10, DGRB13]. **model** [DPC15, DI10b, DDTL19, DDB10, DHRA10, DTP19, DLHS11, DWG+19, DDSDW13, DFG+18b, DBJ12, ESG+16, EG10, EBS11, EHBC10, ESW13, ESE15, EPJ+09, EPJ+11, EI13, FD18, FIS11, FIS16a, FZ14, FS11a, FE10, FM15a, FKB+12, FBFM12, FKDW15, FBU11, Fok12, FLR14, FBM19, FRG+13, FM18, Fra16, Fre10, GSRR17, GLR+18, GCSP17, GLR+17, GCSMMG+12, GJ11, GMOP12, GM19, GA13, GGG19, Ger16, GTC19, GI10, GW13, GTB10, GLOC10, GdGL17, GAPK10, Gol16, GCG14, GBJ+11, GS17b, GGGM16, GC16, GMMN18, Gri15a, GT15, Gri11, GAV15, GDJC11, GSN+11, GW12, GHS18, GHS20, GWX17, GKG+18, GMR16, HGM15, HBK12, HMTA17, HT19, HB12a, HFT15, HD17, HP12, Han12, HNO18, HTK+18, HKS16, HS14a, HLVR16, HGGCR13, HGB+13, HM11b, HASM17, HBA10, HGO+18, HWGT15a, HWGT17]. **model** [HS12, Hor11a, HDNB10, HB18, HT16, HPW+13, HRG11, HKR+19, HGM+16, IBB+15, ISZ18, IGL+12, IS17, JAK19, JDPK15, Jab10, JMZ13, JB18a, JMH+19, Jen10, JSK16, JWS+10, JSSZ12, JL16, JSP+16, JMS18, JB11, JSDEK14, JMK+17, JCLS+11, JCLS+21, JKS15, KSU+18, KS13, KA11, KSK+11, KGJ12, KPG19, KCZ+19, KB15, Kar12, KP12, KHH10, KSP+14, KFB18, KBV11, KBE+13, KMA10, KHK15, KHK+17, KG15, KB19, KGK10, KRR14, KMCH14, KLJ17, KdlRJ18, KJ19, KCSB14, KNA+18, Kit10, KPEK14, KTN+10, KSK+16, KEG17, KCS+15, KS16, KKG+14, Kon17, Kon11b, KFS+13, KSRN19, KL18, KCD11a, KCD11b, KA16, KF12, Kři11, KLB+16, KLHS17, KIT+16, KK17b, KF10, KC14, LLN+19, LPP+19, LF17, LPB17, LPB18, LSP+17, LWH+11, LFW+18, LF16, LP12a, LKK13, LJ15, LCJ16, LCJ18, LM11, LPGTBMA19, LGMV14]. **model** [LDA13, LHW14, LHFM16, LFB+16, LF10, LMW+10, LSY+10,

LWW14, LMYL15, LYF+15, LX16, LL18, LLP+19, LKL13, LS14a, LZY+15, LLH+13, LAPK14, LTS+16, LMJ+16, LGR+12, LW10a, LW10b, LCT11, LZWK11, LWL+11, LZT12, LZT13, LO15, LHD+17, LJ18, LBZ18, LP12b, LMHF13, LLB+18, LSS+14, LHPF18, LDB+14, LC16, LXLF14, LSSG10, LZTD18, LNRK11, LB11, LHL+14, MCL19, MZ17, MOEdP16, Mal17, MTdS+16, MBE10, Mal10, MS13, MVGGB18, MMFK10, MEKK11, MFMS+18, MGGM10b, MYC12, Mar12, MMAS13, MBPS17, MN11, MDEKH13, MBBV14, MTE15, MP13a, MB10, MAM16, MKMG+14, MPC12, MZAI19, MA11a, MSC10, Mic11, MFG14, MED12, MS12b, MMK16, MSE+14, Mog15, MGM13a, MGM13b, MGB17, MF19, MBCM12, Möl12, MROS15, MAS15a, MAS15b, MS14d, MP13c, MKF+14, MKPVH16, MLL+16, MHMM11, MMB11, MR18, NIiT18a, NIiT18b, NiTI18]. **model** [NS11, Nak12, NH19, NBS+13, NT14, NSO15, NKB16a, NKB16b, New11, NdlPZA10, NBA+18, NTED+19, NWWL17, NGL+10, NHS+16, NTOI16, NSH+10, NWB+10, NBW10, NBW11, OFT15, OCN10, OO11, OSF11, OOY16, OL19, OTTF11, OPS+19, Ou19, PAA11, PHH18, PBYB18, PSS+10, PSS+13, PCT11, PCT19, PaCZ10, Pan19, Pat16, PR17, Pat19, PFJS15, PPW16, PRC15, PDRC16, PG18a, PG18b, PBvdG10, PWL+11, PSV17, PMK15, PCBMM12, PL14a, PL14b, PMW12, PBBB10, Pie12, PC10a, PDT+10, PBR17b, PCS+18, PVGV19, PC10b, PW11, PW14, PGS10, PLHL19, PGHC12, PKH11, PP18, PP19, PP14, PAV10, POK+12, PD16, PS12, PFPR11, RCH14, RM17a, RVZ14, RSS+18, RTR+13, RRL+13, RLW+14, RGA+10, RRBM12, RPGG+19, RWW+15, REC10, RB13, RH19, RRC+11, RLSM17, RA17, RB14, RPP16]. **model** [RTEKG12, RTEKG15, RTEKG19b, RTEKG19a, RC16, RSD+13, RG18, RBB+12, RRRTR10, RRR15, RW15b, RPCW18, RKJ+11, RQB17, RAR19, RCL16, RD17, RBG+17, Sac15, SMM15, SSD11a, SHG16, SRD+15, ST17a, SC10a, SW13a, SSS13, SGAM12, SEK+10, SGB19, SL10, SKF16, SI12, SSZR17, SYI17, SCA13, SBJ13, SAB+19, SWD16, SBSR13, SGL10, Sch17, Sch23, SSvdM10, SN16, SFT14, SI11b, SW17, SS14, SCS15, SHK14, She10, SR10, She11a, SRV11, gSxFH+12, SMS19, SCF+12, Shi19, SGA+12, SFS13, SPO+10, SK10, SK12a, SGB12, SYSF17, SAB17, SSLB15, SGGY10, SY11, SOCF14, SZ18, SYR11, SMA11, SSME10, SOBC12, SSD11b, SSD12, SGDL12, SDK11, SRH19, SWPC+16, SAD17, SKH11, SGW+18, SKD+10, SAKG13, SVMN11, SLC12, SH17, SLD+17, SB19, Str13, SHSR15, SL12, SAZ+14]. **model** [SNCM12, SA13, SCT12, ST17b, SM10b, Tac10, TTG19, TWTA+18, TM15b, TDHC+18, TXWW12, TZ13, TXCW15, Tay16a, TEY10, TDKJ15, TSS16, TR17, TW12, TT10a, TALC16, TGZF11, TDM14, Tre19, TSF+19, TF15, TCB13, TT10b, UPWK15, dlRVFK+16, Van16b, VK10, VH11a, VPGDP+14, Vaz10, VLFF12, Veg10, VG13, VM12, VB19a, VDRL14, Wal12, WW12b, WXWL12, WWY12, WPH+12, WJL+16, WML16, WTC16, WBMM18, WL10, Wax11b, WMD16, Wei12, WZY14, WVO+15, WMN18, WCF12, WCJ11, WK12, Wol14, WLD+11, WCHC11, WHZ+17, WBB+18, WGDZ18, WYL+18, WHYMG17, XYN15, Xie11, Xie13a, Xie15, Xie18, XS13,

XGZ17, XNW17, XSCS12, Yan10a, YZMY18, YGMT12, YZZ13, YWP13, YW13a, YZY+16, YG12, YD15, YCB16, YY15, YiTS19, YLH12, YKO+16, YBT+17, YLLL12, YMZ18, ZBA14, ZPdFJ19, ZCA+14, ZYJL18, ZK18, ZTT18, ZJY19, ZLZ+11, ZKR15, ZGW16]. **model** [ZMS17, ZZX+16, ZSW+14, ZWW14, ZMC+18, ZSS10, ZPM+15, ZVMB10, ZCS+15, ZAL+19, ZZS19, dLMD+11, dTKDV15, vHHKB14, vVLS14, vdSS12, MOSS15]. **Model-Based** [ZKMB19, RG12, KBV11]. **model-experiment** [LGR+12]. **model-free** [BFJ+18]. **Model-independent** [Mun12]. **modeled** [KHRS10, MWSM13]. **Modeling** [ASC16, ARG19, ATI12, AAGO+17, AMSSG16, ABA11, Alv18, Amo15, AN10, AES+13, AGGME18, AC12, AFD+17, BR16, BZCS10, BZL17, BVK10, BBS10, BGW15, BKPV15, CHD+10, CFT11, CB13a, Cha18, CTW10, CBC+18, CL18, CB10a, CSDR15, CT16, DE17, DNB12, DFS11, DFT+17, DBBM11, EA19, EBE10, EJ17, EJ19, EEHMH18, EBE14, ESGA15, FGH+14, FKB+12, GWBL12, GML10, GSGV11, GKPB13, GBN14, GMBK14, GPD18, Gon13, GLF+15, GSV16, GMS+13, GAY+11, HT18, HWGW18, HVM13, HH10, HBW+11, HR12, ITN+11, JO13, KBS+19, Kon12, KB10b, KST17, LRL+16, LCMC14, LGK+09, LGK+12, LW17, LC11, LLDW14, LH14, LXZQ14, LGBT15, LA15, LS10c, LSB10, LL17b, MB14, MKRE18, NCLB16, NJP18, OAP14, ONO15, OB10, OVKL14, PNVN18, PKL12, PRV+14, Rem15, RHJ11, RS14a, RRRRSPTR16, SCLA10]. **Modeling** [SP13a, SPRF13, SMZ+17, SER+12, TGLK19, TAI+18, TTB+18, TWH+13, TSB+17, TLK19, VP18, WZJ+13, WGC13, XCW+18, YS14, YMW12, ZBA18, ZZR10, ZZR13, vTMW15, AMM16, ASC15, AOM19, AD15, ARG14, Ana11, BRK16, BCPL10, BPP+16, BSV+10, BZJP18, BTF19, BTW11, BBP13, BJ18, CWM11, CLPZ14, CSR+05, CLCH10, CLA+16, CSKF10, CCAdS13, CTL+15, CvBF18, DLEMP19, DFG+18a, DHT19, DBM+18, DGD+11, DFM+19, EKvdKvFK13, FAFA17, FSA15, FBK11, FHM18, FBC12, FPR10, FIJJ11, FKV19, GKMC10, GTS15, GL18a, Giv10, GCO+11, GBJ+11, GSV11, GSS19, GMB11, GCYL18, Hal16, HB10, HCS+19, HWD+14, HM13, KCMF11, KDMD13, KMZR18, KSSM11, KAPR12, KBV12, KKO+18, KIH16, KKU+10, KTH16, Kla10, KHH+17, KTJ19, KMLT14, KPLT14, KK18, LF19, LBMG16, LL17a, LDB+14, MPJH13, MRF19]. **modeling** [MYK+11, MH11, MFM16, MFL+18, MBC+12b, MZMM+14, Mol18, MAFB18, MMP13, MAH12, NPMM15, PAOMV17, PDF18, PBSM19, PZLF19, QJR+16, RMM+16a, RZRSC19, RMM+16b, RM19, SRK+12, SBM+16, SK15, SNY+17, SDT17, SSJK18, SMG18, SRP16, SSM+18, SKPK17, SMJS14, Sht17, SR14, SKK+11, SW13b, SW19, SDPC11, SRAL12, SH15, ŚKSRW16, SPL14, TLL+12, TI12a, TCH14, TRM+14, TKTB18, TC12, TA16, VKKA12, VGPS18, VHM+17, VZB+15, WHWZ18, Whi11, WCM15, XWW+19, YLWZ10, YCL+17, Zad11, ZGY11, ZLZ15a, ZXC+10, vLFM+19, ALD+11, KBS+20]. **modelled** [RG17]. **Modelling** [AKS+19, ASGE14, AKdV+14, AK11, ASL+18, BDTR15, BTO14, BTO15, BBWS+13, BJO+16, Bos12, BCPG18,

BPPC15, BMF+18, BPGS12a, BPGS12b, CM12, CST16, CLK18, CDD12, CMN+11, CKBCG12, Cut15, DGW+18, Don13, DS10a, DFC+12, EH17, EME+16, ECP+16, FKK14, FGLS10, FKB13, GDF18, GS13b, GBJ18, Gün12, Gün13, HKS15, HKS16, HT13, IS10, IMW15, JYY+18, JSB15, KHS13, KMHdlP10, KBKK14, KM15, LWH+11, LWRE14, LBGW13, LMC+13, LS11a, LWvB+19, MR11b, MSP19, MCWF14, MNH+12, MPP+15, MS12c, Mor16, NNH+16, NBC16a, NBC16b, NM11, PSP+12, PCHM10, PWE15, PGHC12, PSL+10, RGG12, RDSD+12, RLM+14, SW11, SR12, SJSG13, TT19, TTC10, TXTW16, TBMM19, TDSM12, TAB+13, VAG16, VBVD17, WPA17, WBMH12, WBM+15, YCH+17a, YCH+17b, ZLCH18, ZN18, ANK10, AP17, BVJE17, BB19, BCFR10, CXWL11]. **modelling** [CRC15, CR14, CSBK15, CWB+17, CSKZ19, CHN+15, DBG18, DTGC14, DDF+14, EBE17, EJ16, FWB+12, FK16, FGAM12, FTPN10, FM13, GT11a, HWPL12, HLTR19, HB13b, HHS+10, IvLP12, JSP+16, KPD18, KHB+18, Kun16, Leh18, LTZ19, LMM18, MZWC10, METC12, MMC19a, MM19, MSM+14, MVH11, MSBB13, MFP+14, MG10b, Mor10b, MK16b, MSA+16, MDD13, MTLW+10, MP19, MJV16, NF14a, PH13, PGT+19, PWC+15, PGGvL+19, PHA+17, PMD+18, PM13, RKK+19, RKMG12, STA15, SSR+19, STX+11, TC11, TF16, VC10, WMPF+15, ZLB+18, dBB14b, dSKBS10, PW19]. **Models** [AK13, FD11a, IIKT13, LK15, MGGGA11, OFB10, PWC+12, PSD+18, SCC11, SLM17, dSRM15, APBS15, ACdlRMR+11, AHJ+18a, Ala15, AKNP18, AD13, AHR10, AHMA+19, BSR14, BT17, BGL10, BSH19, BM11, BBI14, BCPM+16, BKSW16, BPR15, BJPP12, BKL14, BvLH14, BSC+18, CS14a, CAG13, COG19, Coh15b, CMMR13, CNG+12, Cor16, Cre10, Di 19a, DM15, Dil14, DMP15, Dra19, DHT16, FJS+19, FLCS+15, FDM+11, FS16c, Gal10, GLZ+13, GFM+19, GK13, GI15, GE18, GXF13, GA14, GWW+10, GBIR13, GGM15, Gru18, HSD11, HHSA15, HSMCCR19, HVL11, HHE19, HPML18, IMD16, JBSFB12, Jus11, Kae17, KFW12, KM19, KW10, KKYV18, KA15, Kři10, KGC18, KJ11b, KSPA17, KBF18, LS13a, LCSH14, LZA+19, LY11, LL13a, LJS14, LDdA+13, LW18, MR11a, MHC16, MBLV10, MKBE17b, MKRE18, MPBS17, MFG+13]. **models** [ML10, MGS16, MA10, MC15b, MT15, Non10, NKOS11, NPS18, OB15, OGE10, OHWS18, OT13, OO17a, OTGT10, Pai19, PRM11, PM11a, POW17, PCC16, PBRW11, PDG12, PPT+16, RW15a, Rei12, RC11, RFME+12, RGL+17, RB15, Ros13, SAA10, SE10, SMD+16, SBP13, SBK16, SFD12, Sim14, SG15b, SS12a, cSGFB17, SFSJ12, SBS17, Tal12, TA13, TZ13, TBA14, TF18, Tjø10, TAL19, TAORS10, TWP16, VC11, WL12a, WL12b, Wal18, Wod18, WA14, Yat14, ZARK19, ZLL17, Zha10b, ZLW14, ZLT+19, dlCGSA16, vDRT14, vE11, vVGSE12]. **Moderate** [VMZK+19]. **Modern** [Flo11, BCPM+16, Dun11]. **Modes** [PGG+15, BMN16, EJ16, FLA+19, HY13, JYZ18, KZ14, LZ18, MVGGB18, MRS14, Opr10, PKZ12, RBMS17, SM17a, SK15, SGW+18, TCW14]. **modification** [Abr14, Dun11, ESG10, JK12, LS14b, SI12, SC13a, SC13b, Str17, Wol14, XG12, XWW+14, ZZ10]. **modifications**

[DMCP14, FGLS10, LLY15]. **modified** [AGRR+15, AAJ15, DROC11, Gol10a, Gol16, GZ19, PLF19, RRRRSPTR16, WdLS17, XSLZ16, ZGW16]. **modifier** [JLQ+12]. **modifies** [RR12]. **modular** [AAGO+17, WB19]. **modularity** [ML13]. **modulated** [CLCH10, DTGD19, GZT15, MPK+12, Zhu11]. **modulating** [BZJP18, ZGS+10]. **Modulation** [MYC12, Bac15, MMFK10, PKL12, PBBB10, VGZS18, ZAL+19]. **modulations** [HKS16]. **modulatory** [BFH+15, WBRHE10]. **module** [HSiI+19, LMJ+18, PEZ+13, RPD14, YLF+17]. **modules** [HZL+11, Kři14, LDH+12, LDH+14, PML18]. **modulus** [KFG+14]. **Moffitt** [BBDB13]. **moieties** [CM17]. **mold** [Tre19]. **Molecular** [ADS+19, ASRM15, DHB15, FR17, KSK+17, KMLT14, KPLT14, MTKY11, NZZ19, PYG+19, RMM+16b, Ros15, SMJS14, YLWZ10, ZZ14a, ASH15, AD15, AFM10, BWP10, BE14, CN10, CVPCV+15, Dai12, DEK15, DMM+14, DCL18, Dun11, EJ16, FHG15, FZ14, FLCS+15, GHBI16, HAuR+18, HBW+11, HZW+14, IIKT13, Ing16, JZL13, JL16, KJM17, Kee10, KGP+15, KIT+16, KF10, LCG12, LT14, LKZB15, MPP+16a, Mar12, MAFK12, MS18, MFKS13, ML11b, NNK+15, NS16, Par19, QZ14, RFME+12, RM19, SN12, SS19, Sel10, SG15a, SP14, TWR+18, TGLK19, TLT+15, TAR16, TMS13, XMWC13, XYZ15, YNY+10, YCL+17, Zha10a, ZGY11, ZZ18]. **molecular-cellular** [HZW+14]. **molecule** [Di 19a, LAJC19, TS17b, ZZC14]. **molecules** [AMM16, AIY16, JB19a, KIT+16, LCG12, MS10b, MAA+17, Zol14]. **Moment** [Lio16, Che10, FS16c, JSB15, PHK15]. **moments** [ADMR16, BRK19, Cle18a, DK13c, KJH+19, Sch18, Sch21, vV18]. **momentum** [IPS14]. **monedula** [GSV11]. **monitor** [MFKS13]. **Monitoring** [CPV16, BGLR+19, GLR+17, PGGvdB12]. **monkeys** [GPD18]. **mono** [VLFF12]. **monoclonal** [ADR+11b, FBC12, MFMB12]. **monocots** [TDT16]. **monocytogenes** [JRR+12, RMF+18]. **Monoecious** [AM10, HT16]. **monolayer** [DFC+12, NTOI16]. **monomeric** [DFMR19, Xie15]. **monooxygenases** [LT14]. **monophyletic** [Di 13b]. **monoploid** [Ots11]. **monotonic** [BBR16]. **Monte** [KSK+11]. **moonlighting** [Bar19]. **mooring** [LKZB15]. **Mopeia** [GRBL13]. **Moral** [Sig12]. **Morales** [JLQ+12]. **Moran** [CAV16, Dal17, GH11, HT16, LPKH15a, LPKH15b, LPH19]. **morbid** [SST19]. **MoRFPred** [SBT+18]. **MoRFPred-plus** [SBT+18]. **MoRFs** [SBT+18]. **morpho** [MGC15]. **morpho-mechanical** [MGC15]. **morphodynamic** [GBN14]. **morphogen** [DNB12, MBM11]. **morphogenesis** [IS12, KRSD11, LL17a, LC10, MGC12, ZCS+15]. **Morphogenetic** [BJWL15, RV16]. **Morphological** [CCB11b, DKP+18, AHR10, KHNM16, Sel10, SPMGR10]. **morphologically** [Wu14]. **morphologies** [LSMC18]. **morphology** [KHNM16, LFZN11, MBC+12b, NWB+10, PDL+17, RMM+16a, SMM15, SK11a]. **Morphometric** [KKOM18, Nij11, VF12]. **morphometrics** [PWC+12]. **mortality** [AOR17, Aya12, DBB14a, Dol16, GMS+13, MDE11, RU16, RC13, WKH16].

mosquito [BPR15, HS14b, HLH+18, LBGW13, LL18, NMAZP16, SSG+19, TGC+17, VSD+17, WTC16, ZLT+19]. **mosquito-borne** [BPR15, ZLT+19]. **mosquitoes** [BAR14, ECP+16, LS19, PEZ+13]. **most** [Cam15, FS12, Sil16, Zhe15]. **mother** [BD10a, SZ15a, SZ16]. **motif** [AGS18, KBK16, MZ18, SG15b, wLW10, SM11a]. **motifs** [BM11, EM16, FLM18, HA15a, HLS+12, Kur10, LKP+12, LTP19, LL13b, MD16, PR18, RMSTG13, Str15]. **motile** [DHV19, LFZN11]. **motility** [HBW+11, ICG16, LL14, OSF11, SOCF14, VG13]. **motion** [BJB18, BFW10, CML10, EPP19, FH10a, FH10b, FH14, GWBL12, KO18, RLK10, RCL+10, SK15, SNY+13, Str11, SN17]. **motivate** [BP18]. **motivates** [RMB15]. **motivational** [PMW12]. **motive** [LL17b, Sch10]. **Motor** [DL15b, CST19, DLEMP19, DEK15, LM15, LAJC19, MK17, SL19, WdVMD15]. **motor-brake** [CST19]. **motor-mediated** [MK17]. **motors** [LKZB15, MAFK12, NS18, SP14]. **mound** [KTO+14]. **mountain** [APS+13, APBS15]. **mountainous** [ASL+18]. **mouse** [ALD+11, DLHS11, EUM+16, HHJR11, MPS+11, TRM+14, Zha11]. **mouth** [DDF+14, RB14, ZJY19]. **mouthparts** [LWY+16]. **moved** [Kur14]. **Movement** [HCS+19, PP17b, AR11, BLS+17b, CB16, DL12b, EPP19, FD11b, Gro17, GWX17, JSB15, KSBvL+12, LWLM18, LXJ15, PWE15, PBD13, PRM12, RLBCJ13, RAMS11, SK10, SK12a, SS15f, WP17, YLH12, vHHKB14]. **movements** [JP19, KHB+18, MDS16, SBSE14]. **Moving** [HMW16, DHHP14, Gou16, KA15, MOSS15, WdVMD15]. **moving-boundary** [DHHP14]. **mPLoc** [SC10b]. **MPZ** [AD15]. **MRI** [LS16c]. **mRMR** [JW18, MS14a]. **mRMR-IFS** [MS14a]. **mRNA** [BBRT12, CB10b, Das18, Di 14a, DM10a, HZL+13, RT15, SFMS16, SC11a, YST14, ZLZ+16]. **mRNAs** [BLZ+19, Di 14a, RBRB16, Sha14]. **MSC** [CWP+18]. **MSC/chondrocyte** [CWP+18]. **MSM** [MMRCCC10]. **mTOR** [DFM+19, LCGMH12]. **mucedo** [ESW13]. **much** [AW12, KB10a, MK14a, OAP14, ZSSM14]. **mucociliary** [KBV+15]. **Mucor** [ESW13]. **mucus** [IGG+18, IUK14]. **Muller** [pNMK+10, WL10]. **Müllerian** [GWE11, LBJ13]. **Multi** [AH19, Das18, De 19, EBP15, JSZ12, Mei12a, Mei13a, NKOS11, vVN12, ABKS11, ABN15, BPR15, BDR10, Cox10, GSRR17, GXFF13, Giv10, GVSLG16, HTK14, HHT+19, IS16, JCW13, KHX+19, KCZ+19, KRDJ15, KTJ19, LSSG10, MRPH17, MEKK11, MPBS17, MPC12, Mei12b, Mei13b, Mor19, MLL+16, NGJ+14, PLN14, PTNKT11, PBD13, SSG+19, Shi19, SFD12, SR12, SRS18, SH15, SL19, VBV10, WMK14, WMK16, XWC11, XW17, YCR+15, YZ19, ZSH+16, ZWW14, dlCGSA16]. **multi-agent** [KTJ19]. **multi-armed** [Mor19]. **Multi-class** [JSZ12, KHX+19]. **multi-compartment** [MEKK11]. **multi-compartmental** [MPC12]. **multi-copied** [YCR+15]. **multi-dimensional** [IS16]. **multi-epitope** [KRDJ15, NGJ+14]. **multi-functional** [WMK16]. **multi-group** [GSRR17, LSSG10]. **multi-host** [BPR15, MRPH17]. **Multi-kernel**

[Mei12a, Mei13a]. **multi-label** [Mei12b, Mei13b, WMK14, WMK16, XWC11]. **multi-level** [SFD12]. **multi-localization** [Mei12b, Mei13b]. **multi-locus** [XW17]. **multi-motor** [SL19]. **multi-parameter** [VBV10]. **multi-patch** [SSG+19]. **multi-peaked** [PTNKT11]. **multi-phenotypic** [ZWW14]. **Multi-player** [De 19, vVN12, PLN14]. **multi-profile** [HTK14]. **multi-regimes** [HHT+19]. **Multi-scale** [EBP15, Cox10, Giv10, KCZ+19, MLL+16, PBD13, SH15, dlCGSA16]. **multi-source** [YZ19]. **multi-species** [MPBS17, Shi19, ZSH+16]. **Multi-step** [Das18]. **multi-strain** [ABKS11, ABN15, BDR10, GVSLG16, JCW13, SR12]. **multi-task** [GXFF13]. **multi-trophic** [SRS18]. **Multi-type** [NKOS11]. **Multi-voting** [AH19]. **multiactivity** [KG13]. **Multiallelic** [Bon12]. **multibody** [SCF+12]. **multicellular** [DFG+18a, Edg19, EPJ+09, EPJ+11, HNO18, HNA15, iITIM15, KUV+10, LC16, MFL+18, OKVN18, TDSM12, VH11a, Vel17]. **multicellularity** [KVN16, LSM17, TWB16]. **Multiclass** [lGLLL14]. **Multicopy** [FS11b]. **Multidimensional** [RW15a, GM16b, HB18]. **Multidimensionality** [LH18]. **multifactor** [YYC19]. **Multifocality** [FLR14]. **multiforme** [CRC15]. **Multifractal** [YISG14, SCLC13]. **multifunctional** [HAuR+18]. **Multigame** [Has14]. **multigroup** [CFF11]. **multihost** [PGKZ17]. **multilayered** [PCT11, PCT19, Pan19]. **multilevel** [FK18, GCM14, Luo14, PGG+15, SSM15, TGL15]. **multilocus** [VPGDP+14, YYC19]. **Multinomial** [KBV11, CW11b]. **multiparameter** [MK11]. **Multiparticle** [Kon11a]. **Multiphase** [HB13b, PM13, MBPS17]. **multiplayer** [BR12b, GCS12, HWTN15, PBR17a, PGG+15]. **Multiple** [Edu16, iHIM12, NP15, NWWL17, SHG16, AHD+18, AH12b, AWK15, CZW+11, ERT13, EJK16, GLR+18, GLZ+13, GT11b, HS14a, HB18, HY13, Hua16, JHE15a, JHE15b, JZZK11, JWTW17, KSA16, KTN+10, KS16, KF11, KIT+16, LM15, MIJ16, MGT17, MAFK12, MK19, MSB16, QJR+16, SBK16, SVSP15, SAM17, SL12, SKS+19, TM14, WSTL16, WW19, WCC14, XWC11, YLH12, ZNC+15, vLBJ+13]. **multiple-allele** [SL12]. **multiple-segmented** [Hua16]. **multiplex** [JAB18]. **multiplicative** [CKF17]. **Multiplicity** [RBR18]. **Multiscale** [CRC15, RLK10, BCPG18, CGvG+15, CMHM19, EBE17, GM19, GAPK10, HM11b, HGM+16, KNA+18, LFW+18, LMJ+16, MPK+12, MHH13, MMP13, PDT+10, PGHC12, PMCS16, SKD+10, SW19, ST17b, Van16b, ZPM+15]. **Multispecies** [ML14, YLLL12, FJC+10, KG13, KL18, NF17]. **Multistability** [LM11, OCHHZ12, SLR17, MPP+18, SX12, SY12]. **multistage** [LTZ19]. **multistationarity** [BFS18, KS19]. **multitarget** [ZMS17]. **multitemplate** [IDM15]. **multivalued** [DRC11]. **Multivariate** [MKBE17b, BPM+12, GMK18, GBIR13, Gri11, Gri15b, MKBE17a]. **multiwhisker** [Pat19]. **multocida** [GTS15]. **Münch** [JBSFB12]. **murine** [ABD+11, MSE+14]. **Murray** [DPCM16]. **muscle** [AJD11, AJC12, BRN15, DGNT17, Don13, GMOP12, Giv10, GHS18, GHS20, HGGCR13, KCZ+19, Kro11, KSM+15, LO15, LCGMH12, LHPF18, MAH12, MH14, NF16,

RGA+10, RW15a, RS12, RS14a, RG17, RG18, SS14, SCF+12, SGB12, Smi14, SAD17, SKH11, SH16, ST17b, TvMG16, TSB10, WC10, ZPM+15]. **muscle-tendon** [RS12]. **muscle-tendons** [RS14a]. **muscles** [ASGE14, BSS11, CSB15, CT16, GGC14, XYN15, ZPM+15]. **muscular** [HFT15]. **musculoskeletal** [SCF+12]. **mushroom** [MBC+12b]. **mussel** [SM16]. **must** [LCBO+12]. **musth** [WHYMG17]. **mutagen** [BE14]. **mutagen-interceptor** [BE14]. **mutagenesis** [BCKS13, BKPV15, MV10]. **mutagenicity** [HPB+14]. **mutant** [AH12b, ABN15, GGM12, Gre15, TLT+15, YCL+17, ZFWK17]. **mutant-alleles** [GGM12]. **mutants** [ASGG17, CNDK15, HT10, KDK14a, KDK14b, Zha10a, dRFI15]. **Mutation** [MO12, NIiT18b, AY15, ATTN12, AM11, CJKR10, CNDK15, EA19, FM18, IIKT13, MCL+11, NIiT19, NPH+12, NZZ19, O'F11, SC10a, SBM+16, SMdA16, SAZ+14, WCM15, WZ15, XKCG15, YGMT12, ZTWL12]. **mutation-drift** [SMdA16]. **Mutation-selection** [MO12, CNDK15, SC10a]. **mutational** [KEHK17, LC16]. **mutations** [AP13b, BST14, BTK14, CCS+16, FSW+16, JJ15, KDK14a, KDK14b, KII19, LMW+10, Mob10, SAB+19, Sel11, SW11, SK12b, TH17, UI10]. **mutator** [Gou16, Jam16a]. **mutators** [JJ17]. **mutual** [HTM16, KM17, MP12, SSCJ16, SN18, UK17]. **mutual-aid** [SN18]. **mutualism** [APS+13, AS13, DH16, De 17, KCMF11, LZTD18, MK14d, Shi19, Uit11]. **mutualisms** [Ezo12, GK10, LIPD12, Rev15, Wan19]. **mutualistic** [Ezo19, FB18a, GAGP+14, GL14, JA13, MH18, Unc11]. **mutualists** [EI13, KR19, SJSK18]. **mutually** [Pat16, WKS14]. **my** [TCW14]. **Myc** [RFS+15]. **mycelia** [Bos12]. **mycobacterial** [FL12, KHK+17, KHKI17]. **Mycobacterium** [AMSSG16, AHMA+19, CRH+15, GDB+19, LKAJ18, MM12, PDRC16, PL14a, PL14b, WDL+17, MG14a, PRC15, KS10]. **mycobacterium-host** [PRC15]. **mycoplasma** [Hur12]. **mycorrhiza** [TP14]. **myelin** [MHD18]. **myelinated** [MAS15a]. **myeloid** [CMS16, KEG17, SSM+18, SBM+19, ZCT18]. **myeloid-derived** [SSM+18]. **myeloma** [GLR+18, HB18, KS16]. **myeloproliferative** [ZFWK17]. **myocardial** [CDM+14, KSSM11]. **myocarditis** [RBF15]. **myocyte** [CN12a, LFW+18]. **myocyte-based** [LFW+18]. **myocytes** [GKMC10]. **myofibrils** [MCL+11]. **myofibroblasts** [HHMT19]. **myogenesis** [FD17]. **myogenic** [LSB10, LB11, LB12]. **myosin** [ITN+11, Kro11, MCL+11, MED12]. **myosin-dependent** [ITN+11]. **Myr** [Kur14].

N [HS14b, LDB+14, TT19, AH18, ZZN+19]. **N-player** [HS14b, TT19]. **Nagumo** [CHL+19]. **naïve** [SLvdBMP10]. **Nano** [TT17]. **Nano-QSAR** [TT17]. **Nanoarchaeota** [Di 14b]. **Nanoarchaeum** [Di 14b]. **nanofluid** [ZG19]. **nanomimic** [KIH16]. **nanoparticle** [ALM+19, GSV16]. **nanoparticles** [MHD18, SK15]. **nanopatterned** [XLG+15]. **nanopatterns**

[CML11]. **nanopores** [ACH15]. **natalensis** [GRBL13]. **national** [LCJ18]. **native** [Mas18, MIH16]. **Natural** [BWL12, Gra18, Hua16, LE19, MMH10, SFV16, Sel17, BWB11, BZ18, BBS18b, Cro17, Di 16, HJWC11, HM15, KGK10, KA17, Orr19, RM17b, RLSN14, SGW17, SFS13, TTC10, TMHM12, TVA18, YDC+13, dMP11, vV18]. **naturally** [PRM14]. **Nature** [CEdLSG+16, CTA15, Mac11, Esc11, KK12b, LG10b, XLG+15, YDC+13, ZGG+19]. **Nav1.6** [BGCB12]. **navigation** [Möl12, PW11, TWP16]. **navigational** [CB16, PW14, SBW11]. **NCSTN** [HRHAAA15]. **N'Djamena** [LLN+19]. **Neanderthals** [Flo11]. **near** [IG14, ICG16, SL17]. **near-polytomy** [SL17]. **nearest** [ABP+11, NMZ19]. **Necessary** [Sin15, Bal13, DDRP13, GPT17, JEA18, PTNKT11, Tox18]. **necessity** [vV18]. **neck** [HHF11, MB12a, MM19]. **necrosis** [EKvdKvFK13]. **Necrotic** [BFGS10]. **necrotizing** [AES+13, BTH+13]. **nectar** [EM11]. **need** [CW11a, TT10a, WS10]. **needs** [KOS13]. **Negative** [CMB+12, CPS10, DZE11, Zab11, AAJGCD15, BBD18, CXC18, CB13b, Cza14, DHS+15, GI15, KHS13, LS16a, LKP+12, LZ18, MK18a, Mog15, NJP18, Ric19, SRD+15, SS15a, SC10b, Tos11, ZS10, ZW16]. **negative-feedback-regulated** [ZS10]. **Neighbor** [RM17c, NMZ19, SJSK18]. **Neighborhood** [MR15, ZLY+13]. **neighbors** [WMD+11]. **neighbour** [BSB+13, MBLC17]. **neighbour-dependent** [BSB+13]. **Neighbourhood** [HBK12, YZX15]. **Neisseria** [JSC+16]. **neither** [GCM14, Non10]. **Neoadjuvant** [MB12a]. **neocortical** [Ing16]. **neoplasms** [ZFWK17]. **neoplastic** [Mal10]. **neostriate** [GMK18]. **neovascularization** [GCYL18]. **nephritis** [LZL+19]. **nerve** [BPPC15, GU13, MAS15a]. **nervous** [HJLNZ11]. **Nest** [AR17, Cro18, Gal10, LTSTD15, NPS10, SOIO10]. **nest-site** [Cro18, Gal10, NPS10]. **Nested** [TA10, AKNP18, JCW13]. **nesting** [NSO15]. **nestmate** [New11]. **net** [ADB+13, HS14b, KA16, NDZMA14]. **nets** [HS14b, NMAZP16, YGMT12]. **Network** [BTG+15, DQS+15, DBB+17, LMJ+18, ML13, PJL14, WLL+14, YLF+17, ZC14, AENK12, AJC12, ABJ12, AANF16, ABIM10, BRA15, BMSEE14, BDS12, BJJR10, BBS18b, BC13, BKL14, bCR19, CW15a, CM14, CV19, DGM15, DG10a, DHBS19, DWM15, DL12b, DL16, FW15, For10, GSYS10, GB12, GBN14, GLZ+11, GXF13, GSN+11, HCK+11, HRCA19, HYZS14, HZW+14, HZL+11, HWD+14, ITN+11, JAM18, JAB18, JR17a, KSK+11, KHK15, KEG17, KSKS13, KS10, LPB17, LPB18, Lar16, LMM+13, LNL+11, LLW+18, LKL13, LS14b, LL13b, LDJW16, LYZ+18, LSLL13, MvdDW13, ML09, ML12a, MBE10, Mal18, MZM+16, MG14a, MPT19, MBF+15, MGC13, MF15, MGM13b, MK14d, MP13c, MYOS14, NvD17, NRKE18, NKM+12, OHWS18, OABI12, OAJK10, PPBD10, PS13, PM14, PR18, PHK15, PHA+17, PRV+14, PMKM10, QYO10, RPP16, RDSD+12, SN12, SCÁBM10, SCÁBM11, SSvdM10, SWTO15]. **network** [SLT+18, SW19, Str15, TTC19, TK10b, VC11, WH14, WYL+19, WLW19, WLW20, WLY+17, WCC14, WAC14, XSKA17, XNW17, XSCS12, YZMY18, YWW+14, YWZ+16, YBH+19, YC13, YZ19, ZMAM19, ZOG14, ZSO16].

Network-based
[DQS+15, ZC14, BRA15, GSYS10, ML09, ML12a, NKM+12, XSCS12].
networked [MAF+19]. **networking** [KAZ11, KAZ13, NLB14, XMWC13].
Networks
[LS13b, AAGO+17, All11, AD13, AdGM12, Arc16, AGGME18, BTO15, BFS18, BZCS10, BLS17a, BB11b, Bro13, BR12b, BFLS17, CP14, COWA11, CST+12, CR19, DBD12, DTGD19, DG10a, EG10, EBP15, EB15, Est10, ER18, FKK14, FK16, FJS+19, Fer11, FMS+12, FVTS16, FRTP13, FM18, FWR19, GS17a, GSCS11, GE18, GXF13, GCZ+12, GMM15, GM16b, GMK18, GJS+10, HBK12, HS15, Hal17, Hal16, Hay16, HL14, HXL16, HXL18a, HB16b, HB10, HM10b, HBL10, HMW16, IMM16, IMA16, IS10, ISB+11, IU10, IvdSW16, IM10, JC16, JCW13, JKS15, KMD+12, KS19, KSP18, KR15, KTH16, Kon11c, KKM12, KJSS10, KKYV18, KdSUS10, KJ11b, LLSO13, LCMC14, LWH+11, LR16, LS14b, LCL14, LLJ18, LMJ+18, LC10, LT11, MC16a, MMC19a, MK11, MT14, MBLV10, MC19, MTE15, Mig16, MGC13].
networks
[MJC+11, MdSPBL16, MS10b, MFKS13, MF15, MS12c, MLBA12, MLBA13, MRS14, MBRRI19, ML11b, NSS+11, NGN13, NW10, NMS10, OYY16, Opr10, PAOMV17, PSJ15, PPM12, PMP13, PGKZ17, PMYHR12, PP12, PP14, QZ14, RA10, Ric19, RFME+12, RBHK14, RLSN14, SAA10, SSD11a, SW16, SHN12, SSZB15, SP13a, SBP13, SMC17, SVB+10, SWTO15, SSH+19, SNC12, SBK16, SHM+18, SCKL15, SMC+13, SHS13, SAZ+14, TL15, TP10c, TM16, TLK19, UK17, VPGDP+14, VNS18, WOB15, WcW14, WHT17, WMCL18, WM17, WB19, WDN+19, WL15, WL12c, WMT10, XLSF19, YIS+17, YSH+14, YAK17, YA14, YS11, ZZC10, ZG10a, ZG10b, ZGWL14, ZYJL18, ZHC10, ZCXF13].
Neural [BMSEE14, FHR13, FR13b, FR14, GMM15, KAZ11, RFME+12, Rob11, Sch19c, SST19, AJC12, AANF16, BF13, FIS11, FIS16a, GXF13, GM16b, GMK18, KAZ13, KHK15, KA16, LFZN11, LCMC14, MPL16, MGM13b, MvAKR17, Opr10, PM14, PMKM10, RS14a, SX12, TTC19, Tay16a, Wal16, WYL+19, YM14, YC13]. **Neuraminidase**
[DGD+11, TLT+15, YNY+10]. **neurite** [vE11]. **neurocranium**
[GA13, VDH+15]. **neurogenesis** [BFR14, SB19, TSB+17]. **Neuroid**
[TTG19]. **neurological** [Sat18]. **neuromorphological** [GMK18].
Neuromyelitis [LSP+17]. **neuron**
[GMM15, GL12b, IBB+15, RMM+16a, RNN15, Thu15, WSLC14, WGC13].
neuronal [ABJ12, BB11b, CP14, CTJ10, DHT16, FW15, Fer11, KAZ11, KTN+10, LL13b, Pat16, SHG16, ZMAM19]. **Neurons**
[GMM15, ZMAM19, BPF15a, BPF15b, CW11c, DLHS11, GM16b, HMM16, Hor11b, KB10b, MZM+16, PJ18, RKMG12, WCC13, ZKMB19].
neuroprotection [NRS+16]. **neuroprotective** [ÁTC+14]. **neurosphere**
[SZ18, ZZS19]. **Neurospora** [XCW+18]. **neurotoxic** [WB15]. **neurotoxins**
[MZ18]. **Neurotrophin** [MHD18]. **Neurovascular**
[DvDBD15, CS11a, DBD16, FD11a, WK12]. **Neutral** [AHP+19, KS14, PMR11, BdABY13, DSA+16, DZE11, Gre15, HL11, HSM17, Hor11a, HT13,

KS13, Mas16, PC13, SK12b, TZ13, WCPF15, Wax11a, YISG14, ZPdFJ19]. **Neutral-like** [KS14, DZE11]. **neutrality** [SC16]. **neutralization** [MR11a]. **neutralizing** [CDK11]. **neutrally** [Ios16, KHRS10, SB12]. **neutropenia** [CHN+15, LM11]. **Neutrophil** [BPLM12, CHN+15, ZLM12]. **neutrophils** [OBK+11]. **newborn** [LZY+15]. **Newman** [MZM+16]. **newt** [JMK+17]. **Newtonian** [AABS16, ZG19]. **next** [MMFK10, PGGvL+19]. **next-generation** [MMFK10]. **NF** [ÁTC+14, KB19, GM13, HHJR11, HSiI+19, TC11, WPH+12, ZBA14]. **NF-** [GM13, HSiI+19, TC11, WPH+12, ZBA14]. **NF-Y** [HHJR11]. **Ngn2** [BF13]. **Niche** [GFH+18, AHP+19, BGL+19, BRP+18, DB11, DZE11, HL11, KWO19, KDMK16, Mal15, PC13, RT19, TZ11, TZ13, ZZL+11, dSdS13, tBdR18]. **niche-based** [DZE11]. **niche-neutral** [TZ13]. **niche-stabilized** [PC13]. **niches** [DEG+14, LH18]. **nidulans** [GS13b, KHS13]. **niger** [GT11a]. **Nile** [MRPH17, RC16, ZXH19]. **NIS** [Cre10]. **nitrate** [LRL+16]. **nitric** [DK13b, DBD16]. **nitrogen** [BBS10, DDS13, MHC16, TP14]. **NL** [GDPPSS+11]. **NLRP3** [VLPH17]. **NLRP3-inflammasome** [VLPH17]. **NMDA** [ML11a]. **NMDAR** [HKS15]. **NMR** [ZZ14a]. **No** [JEA18, WWB14, EHSR17]. **nocturnally** [MYN+15, MSBB13]. **node** [CZPC+18, GMM+13, MMFK10]. **nodes** [Di 19c, HRCA19, MMLK11, MGB17, SSZB15]. **Noise** [GMNY14, HNA15, OO17a, Van17a, BPP+16, BFW10, CHL+19, CCF+14, CKF17, DHT16, FR17, HSM17, HM10b, IU10, JZL13, JRG14a, JRG14b, JRG14c, KHRS10, Kon11a, Kon11b, Kon12, Lei09, Lei10, LXS15, LYW11, Lug15, LRH15, MB17, OM10, OS11, Pat16, PJ18, PR18, Pol12, RAD14, RLSN14, SVB+10, TST+13, Van17b, WRZ+12, YRD17, ZCSRG12, ZLL+12, dSdS13]. **noise-based** [Pat16]. **Noise-induced** [GMNY14, MB17, PJ18, TST+13]. **Noise-plasticity** [HNA15]. **noises** [JC10]. **Noisy** [SWD16, BPF15a, BPF15b, JRMS12, LLSO13, PBEI12]. **Non** [ACdlRMR+11, BBM+97, BBM+13a, BBM+13b, BBM+13c, GJ12, GWW+10, GSF13, Meh17, SC11b, SY12, Tsu19, ZJS11, Akç12, AABS16, BBR16, BZ18, BCF16b, Bon10, CKF17, DKS15, Das18, DL15a, DHBS19, EI13, FT12, GY19, Giv10, HSMCCR19, HA15b, Hua12, Jam16a, JLQ+12, JAHKH12, Kae17, KS13, Kar15, LS13a, LC11, LDdA+13, LC16, MWSM13, MSP19, MV10, MG14a, MAF+19, NP13, Oht12, PHK15, Pie12, PB16, RK19, Sel12a, Sel16, SCLC13, SS17b, TGB+18, TDZ+18, Van17b, VLFF12, Veg10, WKH16, YBT+17]. **Non-acquired** [GJ12]. **non-binomial** [WKH16]. **non-canonical** [Sel16]. **non-classical** [Hua12]. **non-coding** [DHBS19, MWSM13, SCLC13]. **non-complementary** [Sel12a]. **non-costly** [Akç12]. **Non-covalent** [ZJS11]. **non-destructive** [MSP19]. **non-endemic** [RK19]. **non-enzymatically** [Pie12]. **Non-equilibrium** [Tsu19, FT12, JLQ+12, KS13, NP13]. **Non-extensive** [Meh17]. **non-Gaussian** [CKF17]. **non-homogeneous** [PB16]. **non-homologous** [LC11]. **non-identifiable** [HSMCCR19]. **non-isothermal** [LDdA+13]. **non-lethal** [Bon10]. **Non-linear**

[ACdlRMR+11, BCF16b, Das18, JAHKH12, TGB+18, Van17b, VLFF12]. **Non-local** [BBM+97, BBM+13a, BBM+13b, BBM+13c, GWW+10]. **non-Markovian** [PHK15, Veg10]. **non-membrane-bound** [SS17b]. **non-monotonic** [BBR16]. **non-mutational** [LC16]. **non-mutator** [Jam16a]. **non-mutualists** [EI13]. **non-natural** [BZ18]. **non-Newtonian** [AABS16]. **non-normality** [MAF+19]. **non-overlapping** [Oht12]. **Non-random** [GSF13, SY12]. **non-senescence** [DKS15]. **non-small** [GY19, TDZ+18]. **non-spatial** [YBT+17]. **non-specific** [DL15a]. **Non-stationary** [SC11b, Kae17, LS13a]. **non-stem** [Kar15]. **non-synonymous** [MV10]. **non-trivial** [HA15b]. **non-uniformities** [Giv10]. **nonequilibria** [NN18]. **Nonequilibrium** [PDG17, FMS+12, Kla10]. **nonergodic** [Wal18]. **nonhuman** [KLM14]. **Nonlinear** [Cle16, CA18, FJR19, HBVP15, SKF16, She11a, ARR14, AHJ+18a, ABV19, AS16, BBP13, DFMR19, FJC+10, GZFX14, MDEKH13, MBBV14, PBEI12, SF15, XF13, XLLF17, YZY+16, YST14, ZLW18, Zol14, YiTS19]. **nonlinearities** [HFT15, NN18]. **Nonlinearity** [TM15a, SM10b, TST+13]. **Nonlocal** [Sie18, Ayd18, CCS18, SA17, She10, She11a]. **nonmutator** [JJ17]. **nonnative** [Mas18]. **nonparametric** [Jab15]. **Nonself** [Coh15b]. **nonsmooth** [CXT19]. **nontypeable** [DMM+14]. **nor** [GCM14, Non10]. **norm** [Tak17b]. **normal** [BPS15, LFD11]. **normality** [MAF+19]. **Normalized** [PM11b, ZLY14]. **norms** [MJI14, SAB17]. **north** [DB18, Kur14, DB11]. **north-south** [DB18]. **northeast** [BLS+12]. **Northwest** [VPGDP+14]. **nose** [MSB16]. **nosed** [BCF19]. **nosocomial** [HLTW14]. **Notch-mediated** [TSB+17]. **note** [CFGRB17, CR16, CD16, JV14, SK18, Ano19-51]. **nothing** [DS10a]. **notice** [BBM+13c, GZ14b]. **notifications** [YTGW16]. **notion** [AHJ18b]. **notional** [AK11]. **notions** [MRPLAS15]. **notum** [iHIM12]. **Nouvellet** [RRC+11]. **Novel** [Dai12, FJS+19, MPCTGJ+15, RVP19, ACMK12, BW13, CA17, DCS14, GBC+16, HLHY17, KRDJ15, Kla10, LS10a, LZL+17, LLP+19, LCL14, MB12a, NGJ+14, QLWC19, RA10, RP18, SM18, SKH17, SDRA+15, SBB18, SQZ+16, TAR16, TP17, VM16, WTQL10, Wu14, WGDZ18, XSTW14, YW13b, YYH+14, YC13, YC15, ZMNd+10, ZGY11, ZTWL12, ZCA+14, pZWZ+16, ZKHL16, ZLZ+11, ZDY11, ZMS17]. **Novelty** [Mar19, Fue18]. **November** [Ano10y, Ano10-32, Ano11-28, Ano11-46, Ano12-34, Ano12-41, Ano13-38, Ano13-34, Ano14-43, Ano14-47, Ano15-32, Ano15-35, Ano16-44, Ano16-33, Ano17-30, Ano17y, Ano18-43, Ano18-42, Ano19-43]. **NREM** [PRK13]. **NRTIs** [KMA10]. **NS3** [TWR+18]. **nsSNP** [KKS+14]. **NTCP** [KBV11]. **Nuclear** [KKO+18, DAA17, KKG+14, MP13b, SAGAGB17, SLS17, YYB+19]. **nuclei** [HZG+17]. **nucleic** [Xie15]. **Nucleo** [SWR11]. **Nucleo-cytoplasmic** [SWR11]. **nucleoside** [KJM17]. **nucleosomal** [WZWY11]. **nucleosome** [GZY12, JYZ18, Tri10]. **nucleotide** [ABP+11, Bec14, BKPV15, FS15a, FS16a, HNL+11, LLL+17, LHH12, MV10, Sel13, Sin15, Yin17, ZDY11]. **nucleotide-based** [ZDY11]. **nucleotide-gated** [Bec14]. **nucleotides**

[AdSG14, BM11, Sel14b, Sel15b, Sel16, Sel17]. **nucleus** [GMM15, GM16b, KTH16, KB10b, SP13a, VH11a]. **NucPosPred** [JYZ18]. **null** [BZ10, JZZK11, NBW10, NBW11, RRC+11]. **null-model** [NBW10, NBW11, RRC+11]. **number** [DDP12, Di 14a, Di 18, GBRS19, HM11a, HHA17, HRCA19, HK16, JOM16, KL13, KAKK19, LS10b, PIPB10, PCB14, PLF18, SI10a, STH18, SV14, WDL+13, YI16, Zhe16]. **numbers** [EM11, Gre16, HHA+13, KD16, RMSTG13]. **Numeral** [Woh15]. **Numerical** [DLYZ11, FWSG17, HWGT15a, KA15, LBS+10, LBS+11, MN11, PFJS15, Rev15, AABS16, AP13a, DAA17, FKMG15, GVCG12, HM11a, HWGT17, HM15, HZLX11, LSMP14, OA15, PAOMV17, SPRF13, SVMN11, SAI14, ZS10, pZWZ+16, ZSH+16]. **Numericalization** [CJ12b]. **nurseries** [CPV16]. **nursery** [LIPD12]. **Nutrient** [MGML10, TGB+18, BID15, BWL12, CTB18, CLCH10, DMS+16, GVCG12, Gro17, HAK+19, KFA12, KK18, NNvdB17, Ou19, PWL+11, RM10, WKS14, WST15]. **Nutrient-limited** [TGB+18]. **nutrient-poor** [BID15]. **nutrients** [CCB11b, KSP12]. **nutrition** [HFD17]. **Nutritional** [KRSD11, EHBC10]. **Nye** [Ou19].

O [TTC19, ZNC+15, LDB+14, LDB+14]. **O-GlcNAcylation** [ZNC+15]. **oases** [CW15c]. **obesity** [BRA15]. **objectives** [BUC14]. **Objects** [MRPLAS15, RDD14]. **obligate** [KCMF11, O'F11]. **observability** [Gha16]. **observable** [Mar19]. **Observation** [ŚKSRW16, GDB+19, MI19, OSN18]. **observations** [Di 13a, KSRN19, RB15, ZBA14]. **observed** [ARB13, ASL+18, BM14, NRKE18, RN12, SGGHS19, SN17]. **Observer** [MZAI19]. **Observer-based** [MZAI19]. **obsessive** [RM17a]. **Obstacle** [NTY16]. **obstructed** [DLL+18]. **obtained** [WF17]. **occult** [GC18]. **occupancy** [MR11a, PBvdG10, UBP12, Xie13b]. **occurrence** [AIY16, Cut15, DPCM16, MD16, PDB+15, PNP+16, PDNP16]. **occurrences** [AMRRI10]. **occurs** [Cle16, DLMK12, HHA17]. **OCD** [SST19]. **ocean** [Di 13a, RTFP+17]. **oceanic** [Ric17]. **octahedron** [Den19]. **October** [Ano10-40, Ano10-44, Ano11-29, Ano11-36, Ano12-44, Ano12-31, Ano13-35, Ano13-40, Ano14-40, Ano14-38, Ano15-42, Ano15-33, Ano16-37, Ano16-47, Ano17-40, Ano17-47, Ano18-46, Ano18-45, Ano19-38, Ano19-30]. **octopus** [ZKMB19]. **ODE** [KW10]. **ODEs** [KNA+18, TBMM19]. **odor** [Alv18]. **odor-landscape** [Alv18]. **odour** [New11]. **oestrous** [POK+12]. **off** [CLK18, HMH14, JB18b, KZ14, MS14b, MFG14, PBB10, WK15]. **off-lattice** [MFG14]. **offending** [BBDB13]. **offs** [Chu18, FtL18, MLT10, PBD11]. **offset** [DZE11]. **Offspring** [AOR17, Cam15, CL13b, Déb17, Fil15, For14, Jam11, MHKA16, OGA16, Sak10]. **oil** [AK15, BKR14]. **ok** [Mar11]. **old** [Di 13a]. **Older** [YHZ14]. **oligodendrocytes** [WRH+16]. **oligomeric** [IKHL16]. **oligomers** [TCYY+12]. **oligonucleotides** [DCS14]. **omnigenic** [PG18a, PG18b]. **omnivore** [GVCG12]. **oncogenesis** [DKR16]. **Oncolytic** [JKF19, BB19, KW10, ME15, OAP14, SZ15b]. **One** [GHS18, GHS20, AGPK13, AS12, BG12, Di 14a, DHHP14, Ezo12, Jam14, JZ17, JZZK11, KK12b, Lai18, LFM11, MMH+12, New11, NTED+19, TW13,

Toz15, WL13, WW19]. **one-dimensional** [BG12, DHHP14]. **one-shot** [AS12]. **one-sided** [JZ17]. **one-to-many** [Ezo12]. **ones** [BC15]. **online** [Ran12]. **only** [Di 17a, Hor11a, KK12b, TT10a, TF17]. **onset** [EAN14, EBX17, HDZ+19, MFMS+18, SPA18]. **onto** [DRC11]. **ontogenetic** [WSRG18, tBdR18]. **Ontology** [Hua12, YLF+17, ZT16, DTY12, WMK13]. **oocyte** [HB16a, SOBC12]. **oocytes** [KG12]. **oogenesis** [RBMS17]. **OOgenesis_Pred** [RBMS17]. **open** [MB17]. **open-loop** [MB17]. **operates** [WKH16]. **Operating** [Str17, LKZB15]. **operation** [BAM+15]. **Operational** [ABK+12, HPML18, Ram10, SKPK17]. **operator** [HVSZ10]. **operators** [LG10a]. **operculum** [XWW+19]. **operon** [HVSZ10, Mic13, ZCSRG12]. **OPG** [PZS+10]. **opinion** [SAB17]. **Opisthorchis** [BHO+18]. **opponents** [YA14]. **opportunities** [AB11, SH15]. **opportunity** [PVCEC18, YSYI13]. **opposing** [DEG+14, MJI14, SP14]. **opt** [Kur19]. **opt-out** [Kur19]. **optica** [LSP+17]. **optical** [KCJ+11]. **Optimal** [BI10, BHR10, CFCM13, CJL15, CBGS18, DHP11, EzMMH18, GVCG12, GA16, GKWG17, HS14c, Ish16, KKUM10, LCCC10, LKK13, LDM16, MIJ16, MK14c, Mit17, MI11c, MRS14, NNvdB17, NS13, NC15, OT13, PP17a, PRM14, SI10a, SDD15, ST16, SSB+15, SSST19, SBM+19, TBQG14, Vaz10, YD14, ZSW11, AS16, Cha18, CL11, CMM19, DB19, FD18, Fil10, KGJ12, KTO+14, KLJ17, Kři10, KST17, KA17, LCC15, LC17, MDMG14, MW14, Mig16, O'F11, RW15b, STN+19b, SL17, TEY10, TEW12, TBA14, TBMM19, VBV10, WCJ11, WSW10, YTGW16, ZCT18, ZZ14b, ZLT+19]. **Optimality** [CKB19, LLP+19, RFM+12]. **optimally** [TDT16]. **optimisation** [CHN+15, FCS18, SCF+12, SK11a, Tra16]. **optimise** [EM11]. **Optimization** [Car17, JH12, MG10a, BMI19, JAHKH12, LDWW14, MDS16, MMAS13, MGM13b, NF16, PP18, PP19, RA10, SSJK18, SK16a, SS18, WOB15, YYC19, ZXC+10]. **optimization-based** [YYC19]. **optimize** [DXW+16, QQJW13]. **optimized** [HB18, TAI+18, ZZN+19]. **optimizer** [ZZN+19]. **Optimizing** [HL19, IDM15, PD13]. **Optimum** [NC16, SK11a, TTC10]. **option** [HNV+16, IIVR10, Kur19]. **Optional** [JOAN14, PCN17, GN15]. **options** [CBBO16]. **Opuntia** [TVA18]. **OPV** [Hou16]. **ORAI** [SAB+19]. **oral** [KR15]. **oranges** [GP11a]. **orb** [Mac10]. **orb-web** [Mac10]. **orbit** [HA15b]. **order** [CW14, DS19b, Gou16, HSD11, JRG14a, JRG14b, JRG14c, KDST15, LYF+15, MBLV10, PP14, PD16, RA17, RBHK14, THBM10, XG12, YIS+17, ZRGW19]. **order-disorder** [RA17]. **ordered** [SKH17]. **Ordering** [Luk14, ZEJA11, ASH15, CzST+18, RNVP10]. **ordering-induced** [ASH15]. **ordinal** [SQZZ17]. **ordinary** [BMM+14]. **ordination** [Pav19]. **organ** [CPPLAB18, KKOM18, MS14c, SCÁBM10, SCÁBM11]. **organelle** [DTY12, RFdL15]. **organelles** [All17, SS17b]. **organic** [HWGT15b, HWGT17]. **organisation** [CCS18, KKG+14, MMJB17, MM15b, Pai19]. **Organising** [KdSUS10]. **organism** [HNA15, SI11b]. **organism-created** [SI11b]. **organismal** [KMN16]. **organisms** [DLSD15, OKVN18, Ots11, Vel17]. **Organization**

[SSH+19, ABD+11, AMRRI10, CML11, DPRSS11, Di 17a, LS15b, MDS16, NBS+13, OS11, RC13, RDP16, SHM+18, TED10, Zha10b]. **organized** [CDD12, IU18, VY12]. **organizing** [GMK18]. **organogenesis** [Cox10]. **organs** [CCG+18, GRB+13, Wei12]. **Orientation** [SPH12, ABD+11, BZL17, Jen10, Js12, Kro11, Mac10, PW11, ZDG+10]. **oriented** [CFCM13, CB17a, HAB+17, SS19]. **Orientia** [KGK10]. **Origin** [Mau15, Bau18, Cle10, CB17b, Dai12, Di 13a, Di 13b, Di 16, Di 17a, Di 17b, Di 19a, GS17a, GG16, Han10, Jam14, Koe15, Lan17, LP17, LC16, Mar17a, NI11, Pel18, PC17, Rad16, Sat17, SHH15, SS17b, Tox17, VC15]. **original** [Sat17, TLT+15]. **originality** [HMM11]. **originate** [Di 14a]. **originated** [Di 14b]. **originates** [Laz13]. **originating** [Miy17]. **Origins** [GJ12, KSvdH18, ZML19, BBDB13]. **ornamentation** [DEG+14]. **ornaments** [MM18]. **Ornstein** [BGKL17]. **orthogonal** [MMG+16]. **oryzae** [JSF+11, JSF+11]. **Oscillating** [KFA12, BF13, GH11, GTSP16, GFS15, RR16]. **oscillation** [AJC12, HSiI+19, HL14, KKM12, SN12, SWD16, SP14, TSB+17, Toz15, ZML19]. **Oscillations** [FWMC14, Pag19, ARR14, ARG17, BH13b, BKSW16, CCF+14, CdMB10, CFF12, CLW12, Dil14, GGG19, GM13, HLVR16, Hor11b, HDZ+19, HBA17, JAK19, LKP+12, MC16a, MCWF14, MvAKR17, OCHHZ12, PSP+12, PJ13, TST+13, UT17, WTC10, ZKR15]. **Oscillator** [MB18b, CTJ10, COG19, JC10, MVGGB18, Zha10b, ZAL+19]. **oscillators** [CHL+11, Gon13, MK18a, Pag19, SX12, Tou14, Zha10b]. **Oscillatory** [Mob10, SK11b, DHBS19, DFMR19, GDF17, HSG+18, IU10, MMAS13, RFS+15, SW19, WCHC11]. **osmolarity** [SABB15]. **Osmotic** [DFG+18b]. **osseointegration** [PVGA12]. **ossification** [CGRRGM+16, FHLM10, GA13]. **osteoarthritis** [WGS15]. **osteocyte** [Bue15, KLN+12]. **Osteocytes** [Bue15]. **osteoporosis** [TSF+19]. **other** [Jam15, NT14, PS13, RG17, SSS17, SS12b, TDW16]. **other-regarding** [SS12b]. **otherwise** [TZ13]. **OTUs** [WZ17]. **out-frame** [SSCJ16]. **out-group** [KM12]. **out-of-phase** [DGJ15]. **out-of-place** [HY16]. **Outbreak** [PM11a, AHJ+18a, BTW11, CW15b, CBC+18, HWGW18, JWTW17, LCJ16, LLD+17, NI11, SKPK17, WN19]. **outbreaks** [BGW15, DGM15, FHSG15, HYSG19, KLB+16, LBGW13, MW13, NYSM12, OA11, TA13]. **outcome** [CK19, DKF17, GBM18, HBA10, MGS16, NdlPZA10, Oku15, POP+19, TTB+18, VZB+15]. **outcomes** [AB16, KC17, POK+12, WD11, dBE16]. **outcompeting** [Flo11]. **outer** [GTS15]. **outflows** [TF18]. **outperform** [BC15, RPCW18, TZ13]. **outperforms** [Kur17]. **output** [GMM+13, VDH+15, ZAL+19]. **outs** [MdSPBL16]. **ovarian** [DDHM12]. **over-infection** [FCC+10]. **overall** [Laz13, Mar17b]. **overcomes** [CGD13]. **overdose** [BRN15]. **overfished** [TM14]. **overhead** [Fil15]. **overlap** [MAH12]. **Overlapping** [Sel12a, GSRR17, LG17, Oht12, Sel12b, Sel13]. **overlaps** [APBS15]. **overlay** [LLJ18]. **overloaded** [KSSM11]. **overlooked** [RFdL15]. **overproducing** [SJK18]. **Overpunishing** [DDRP13]. **oversampling** [JZ17, ZD18].

overshoot [CWF+16]. **oversimplified** [AKNP18]. **overuse** [LJI17]. **Overview** [Ano19-28, CKS15, Tau15]. **ovigenic** [DPvBvA12]. **ovulatory** [GS17b, Nak16b]. **own** [HFT+18, RBRB16]. **Owner** [CK19]. **oxidase** [RS19]. **oxidative** [GA14, KMN16, STNT17]. **oxide** [DK13b, DBD16]. **oxide-red** [DK13b]. **oxidopamine** [PDNP16]. **oxidopamine-induced** [PDNP16]. **Oxygen** [CGvG+15, Van16b, ASGE14, CRGS18, DLL+18, GSGV11, JMH+19, LMJ+16, NR14, PSV17, RGL+17, RS14b, SSFG15, SSB+15]. **oxygenation** [SEK+10]. **Oxytricha** [BKC+16]. **oyster** [JCLS+11, JCLS+21, PKH11]. **ozone** [LCMC14].

P [RRC+11, DLM+19]. **P-glycoprotein** [DLM+19]. **P.** [NKL10, RRC+11]. **P1** [KMLT14, KPLT14]. **p300** [DK13c]. **p53** [CSKZ19, DCN13, Eli17, HAB+17, LNL+11, LYW11, ZSCL16a, ZSCL16b, OAJK10, STX+11]. **p53-Mdm2** [OAJK10, STX+11]. **P56S** [KKS+14]. **P_UNSAT** [HXL18a]. **PacC** [KHS13]. **pacemaker** [DB18, HVL11, LW18]. **pacemakers** [LWB+15]. **pacemaking** [MS10a]. **pacific** [TDM14, GDJC11, SH17, TTW13]. **package** [ZLZ+11]. **Packard** [Bal13]. **packing** [CK17, LSDD13, YM16]. **Pages** [Ano19-43, Ano19-38, Ano19-30, Ano19-34, Ano10-39, Ano10-42, Ano10-37, Ano10-45, Ano10-38, Ano10-43, Ano10-41, Ano10-46, Ano10-28, Ano10-35, Ano10-47, Ano10-31, Ano10-30, Ano10-48, Ano10z, Ano10-33, Ano10-27, Ano10-34, Ano10y, Ano10-32, Ano10-40, Ano10-44, Ano10-29, Ano10-36, Ano11-42, Ano11z, Ano11y, Ano11-44, Ano11-27, Ano11-31, Ano11-39, Ano11-43, Ano11-35, Ano11-48, Ano11-32, Ano11-37, Ano11-40, Ano11-33, Ano11-41, Ano11-45, Ano11-47, Ano11-30, Ano11-28, Ano11-46, Ano11-29, Ano11-36, Ano11-34, Ano11-38, Ano12-33, Ano12-28, Ano12-40, Ano12-42, Ano12-30, Ano12-36, Ano12-38, Ano12z, Ano12-43, Ano12-47, Ano12-32, Ano12-45, Ano12-27, Ano12y, Ano12-37, Ano12-46, Ano12-35, Ano12-34, Ano12-41, Ano12-44, Ano12-31, Ano12-29, Ano12-39, Ano13-47, Ano13-44, Ano13-43, Ano13-45, Ano13-31, Ano13-37, Ano13-32, Ano13-29, Ano13-41, Ano13-42, Ano13-46, Ano13-28, Ano13y]. **Pages** [Ano13-33, Ano13z, Ano13-30, Ano13-27, Ano13-38, Ano13-34, Ano13-35, Ano13-40, Ano13-39, Ano13-36, Ano14z, Ano14-35, Ano14-32, Ano14-39, Ano14-44, Ano14y, Ano14-36, Ano14-42, Ano14-31, Ano14-29, Ano14-46, Ano14-27, Ano14-34, Ano14-45, Ano14-28, Ano14-30, Ano14-33, Ano14-43, Ano14-40, Ano14-38, Ano14-47, Ano14-37, Ano14-41, Ano15-38, Ano15-34, Ano15z, Ano15-46, Ano15-37, Ano15-40, Ano15-28, Ano15-41, Ano15-43, Ano15-44, Ano15-36, Ano15-30, Ano15-27, Ano15-31, Ano15y, Ano15-39, Ano15-29, Ano15-32, Ano15-35, Ano15-42, Ano15-33, Ano15-45, Ano16-43, Ano16-42, Ano16-32, Ano16-40, Ano16-35, Ano16y, Ano16-31, Ano16z, Ano16-29, Ano16-45, Ano16-36, Ano16-34, Ano16-30, Ano16-27, Ano16-28, Ano16-41, Ano16-39, Ano16-38, Ano16-44, Ano16-33, Ano16-37, Ano16-47, Ano16-46, Ano17-28, Ano17-42, Ano17-33, Ano17-45, Ano17-37, Ano17-39, Ano17-32, Ano17-35, Ano17-44, Ano17-46]. **Pages** [Ano17-43, Ano17z, Ano17-27, Ano17-36, Ano17-29, Ano17-41, Ano17-34,

Ano17-30, Ano17y, Ano17-40, Ano17-47, Ano17-31, Ano17-38, Ano18-33, Ano18-36, Ano18y, Ano18z, Ano18-39, Ano18-34, Ano18-35, Ano18-40, Ano18-30, Ano18-44, Ano18-41, Ano18-38, Ano18-32, Ano18-27, Ano18-29, Ano18-48, Ano18-28, Ano18-37, Ano18-43, Ano18-42, Ano18-46, Ano18-45, Ano18-47, Ano18-31, Ano19-49, Ano19-36, Ano19-39, Ano19-29, Ano19-45, Ano19-37, Ano19-42, Ano19-44, Ano19-31, Ano19-32, Ano19-33, Ano19-47, Ano19-40, Ano19-35, Ano19-46, Ano19-41, Ano19-48]. **Pair** [HM11b, AGB+14, DBG18, For10, GZ19, LF10, LLH+13, MBC+12a, PJ18, RB14, Tri10, ZKTK10, dSMP+11]. **pair-** [dSMP+11]. **pair-correlation** [AGB+14]. **paired** [Fan11]. **pairing** [GZT12, Koe15, ZDG+10]. **pairs** [JCG15, JCG16, KDST15, Tun13, ZZC14]. **pairwise** [HS11, LJS14, MEJ18, SENS+17, SDRA+15, SBK16, WS10]. **palate** [WHWZ18]. **palisade** [CRC15]. **PAM** [WMD16]. **pancreas** [TSB+17]. **pancreatic** [JDSPK15, LX16, LXLF14, MVGGB18, MB18b]. **pandemic** [BGL10, LCCC10, MDE11, PGGvL+19, TGZF11, TDE12, YTGW16]. **Pandey** [Pan19]. **panspermia** [Di 10]. **PAO1** [ALM+19]. **paper** [BMdA17, BD10b, Mob10, NIiT18b, NiTI18, NIiT19, Pan19]. **Papilio** [SFT14]. **papillomavirus** [MIJ16, MMB14]. **papillomaviruses** [EMM10]. **ParA** [SK12a]. **Paracoccus** [GGGM16]. **paracrine** [VLPH17]. **paradigm** [Wal10]. **paradigms** [AOM19]. **paradox** [EH17, JTSG14, KMMS17, KWO15, MH17, NT10, VB19b]. **Paradoxical** [CDK11, SBB18, NIiT18b]. **parallel** [CJ12a, ZDG+10]. **parallel/antiparallel** [ZDG+10]. **Paramecium** [OS11]. **Parameter** [BP18, DJD10, DDTL19, JB11, LS10b, RD14, Wal12, WcW14, CCS+16, DAVS11, DSLR18, Dol16, GZFX14, KLHS17, LCSH14, LZA+19, LAPK14, MC19, SQZZ17, VBV10, vTMW15]. **parameterising** [KBF18]. **parameterizing** [KLM14]. **parameters** [Arg12, Bal10, BMI19, BMB+18b, BE14, BM16, CL11, CMN+11, EzMMH18, FKK14, JH12, KMM18, KK17b, Lei09, Lei10, Li11, MJV16, PHPM18, PDG12, PMD+18, PP18, PP19, PMKM10, RAAS15, SSD11a, SSV+15, SSS15, VZ19, WST15, ZZ14b]. **parametric** [CE17, Jab15]. **parametrization** [ISZ18]. **parapatric** [YI16, YI17]. **Parasite** [MB15, RFME+12, VB19b, AIB+19, BYM+18, CR14, CDO17, CKZ+17, CSBK15, CB10a, EBSW17, GCG14, MFG+13, MNH+12, NT14, PEZ+13, TEY16, VMZK+19, XSMF12]. **parasite-host** [CB10a]. **parasite-induced** [MNH+12]. **Parasitella** [EBSW17]. **parasites** [BPFR16, BM14, CCW16, WW19, WKB13]. **parasitic** [EBSW17, YHI14]. **parasitica** [EBSW17]. **Parasitism** [PML18, BWB11, FB18b, LZTD18, WW19]. **parasitism-competition** [WW19]. **parasitism-mutualism-predation** [LZTD18]. **parasitoid** [HYQ+16, PSL+10]. **parasitoids** [DPvBvA12]. **parathyroid** [CLA+16]. **paratuberculosis** [AMSSG16, AHMA+19, BVJE17, CRH+15]. **parenchymal** [HWMT17]. **Parent** [CB17a, BD10b, Déb17, For14, MHKA16, Sak10]. **parent-offspring** [Déb17, For14, MHKA16, Sak10]. **parentage** [KSKS13]. **Parental**

[SRV11, ER12, MG17, Ram10]. **Pareto** [LLP+19]. **Parkinson** [ADS+19, HSG+18, HDZ+19, KKD18, MvAKR17, STJG12]. **Parkinsonian** [FW15]. **parotid** [SMZ+17]. **parsimony** [BFLS17]. **Parsing** [FIS11, FIS16a]. **Part** [HWMT17, AOM19, Laz13, Mog15, FH10a, FH10b]. **parthenogenesis** [SSD11b]. **Partial** [Kři10, MT14, WP17, WA14, CMD+10, DMO+17, HP12, Lun13, MK14b, RNVP10, SC10c, Zad11]. **partially** [Mar19]. **Participation** [PPBT11]. **Particle** [WMD16, BF16, DGM15, FCS18, GSN+11, KA15, MMAS13, MN12, PP18, PP19, SF15, YYC19, ZZN+19]. **particles** [BHP17, KMM18, MAR+17c, TLPH11]. **particulate** [HWGT15b, HWGT17]. **Partite** [LCL14]. **partition** [LLW+18]. **Partitioning** [SM17b, CPH+14, CFR+14, CMR+18, DB11, Gre16, GSF13, LPTR14, SSvdM10, SA14, ZMNd+10]. **partitioning-limited** [SSvdM10]. **Partner** [CS14a, Tak17b, Ezo19, GK10, YHZ14]. **partners** [Arc11, ZGS+10]. **partnership** [HHA+13]. **partnerships** [KK12a]. **parts** [Nij11]. **party** [JR17b]. **Parvovirus** [KEHK17]. **passenger** [BST14]. **passerine** [GZT12, Hur12]. **passing** [OM10]. **Passive** [ST17b, CLP11, Don13, GAL11b]. **Past** [Kir11, BM12, MPNP12]. **Pasteurella** [GTS15]. **pastoris** [MÇ15a, MÇ16b]. **Patch** [PMW12, BLV18, DGJ14, GPT17, GKW16, HS14c, KA11, Kři10, LCC15, LBZ18, QW12, SSG+19, SQZ+16, TWW19, Wan19, Wei17]. **patch-based** [QW12]. **patch-type** [GKW16, Wei17]. **patches** [AR11, CT18a, FRH15, LTHEK12, NG11, RPD14, TD18, YiTS19]. **patchily** [RPCW18]. **Patchy** [SRCF11, LNH13, TD17]. **patella** [Cle18b]. **paternal** [AOR17, Sal15, YTK10]. **Path** [Ben14, VM12, Che14, CV15, CR16, NWZ15, RSBB10, VC10, vTMW15]. **path-wise** [NWZ15]. **Pathogen** [CT18a, MGC13, AH12b, Bon10, CTL+15, FIJJ11, GVSLG16, HBEW12, JB18b, KGB13, LMCW18, MSP19, MB12b, OMO13, PM11a, PB18, RDTHSM13, ST17a, WMD16, WK18a]. **pathogen-receptors** [AH12b]. **pathogen-specific** [CTL+15]. **pathogenesis** [Ana11, JO13]. **Pathogenic** [Sel11, BTW11, HII+19, LLC15]. **pathogenicity** [LPS+14]. **pathogens** [BL15b, CPV16, CG11, DB11, DL15a, DDSDW13, FE10, FE11, GBM18, JB18b, LvdBP12, O'F11, PSL+10]. **pathologic** [SHK14]. **pathological** [BBI14, ML12b, RNN15, Wil13]. **pathologies** [Wal18]. **pathology** [GRR+14]. **paths** [BMV12, Che14, NIiT19, Sch19b, VPFV13]. **Pathway** [MJC+11, OBAI11, WAC14, ÁTC+14, BP18, BB11a, BSM+14, CCS+16, DGW+18, GSS19, lGLLL14, HKS16, LCGMH12, MHD18, NS18, PCS+18, RFME+12, TC11, VHM+17, VLPH17, WPH+12, YST14]. **pathways** [AP17, BKL+15, Coh15a, EG10, ERT13, Gün12, Gün13, HAP+16, HHG14, HgLL+10, KFL12, PH13, PS13, RW10, STX+11, ZXC+10, ZXS+19]. **Patient** [METC12, HM13, TDHC+18]. **Patient-calibrated** [METC12]. **patient-specific** [HM13, TDHC+18]. **patients** [Dim10, HA15b, LX16, PGF11, STA15, WR14, WML+17, WHS+13, WLL+14, ZXS+19]. **pats** [BBR12]. **Pattern** [FK13, GCB17, GRB+13, WH11, ASP13, BFM10, CDC18,

FKMP10, GKMC10, Gal10, HT19, Hir16, iITIM15, JB19b, Kon17, Lee16a, LWL+11, MN14, Mit17, MKJS13, PHH18, PDNP16, RBSD10, SCsMzX18, SM16, SCS14, TGB+18, Tri10, VY12, WZ18, YM16, YKO+16, ZSO16]. **patterned** [Sie18]. **patterning** [Dun11, GBN14, HWMT17, WdVMD15, Wol11]. **Patterns** [MAF+19, AL17, ASL+18, Ayd18, BV12, BS19b, BB11b, BKC+16, CFT11, CDM+14, DBB14a, DTGC14, Don17, DZE11, EJK16, GZY12, HTM15, HDNB10, HgLL+10, JB18a, KDST15, Kri18, LSMC18, LLLV11, LBB+13, LG18, LH14, LTS+16, LRA+13, MSZW19, MPM10, MGCL13, MPS16, MCPF12, MALAN17, MK14c, MROS15, MPLK14, MBRRI19, ML11b, NTY16, Nos14, PS13, PM10a, QW11, Ram10, RV16, RRRTR10, SGKCP19, SWD16, SS15a, SBMH10, Sht17, SAM17, SRCF11, Syi14, TKK14, TKKE19, TA13, TC12, VLCT19, WZWY11, YvBS18, ZKP15, ZML19]. **pause** [RA17]. **pause-and-go** [RA17]. **Pavlovian** [PM10a]. **payoff** [Ayd18, MI19, MB16]. **PBMDR** [YYC19]. **PBPK** [MAFB18, BTF19]. **PBSA** [ZZ18]. **pCa** [RG17]. **PCD** [LJM15]. **PCD-GED** [LJM15]. **PCOS** [HS14a]. **PCR** [IDM15]. **PCR-Shrinking** [IDM15]. **PDC** [XXD+17]. **PDC-SGB** [XXD+17]. **PDCD5** [ZSCL16a, ZSCL16b]. **PDE** [DTP19, KNA+18, TAB+13]. **PDE4B** [TA16]. **PDGFR** [YCB16]. **pDHS** [ZZC+17]. **pDHS-SVM** [ZZC+17]. **peak** [FLA+19, LCG+15, SPA18]. **peaked** [PTNKT11]. **peaks** [CGB13]. **PECM** [ZSZM14]. **pectinate** [SSS13]. **peculiar** [LLY15]. **pediatric** [BB10]. **pedigree** [CRLH+19]. **pedigrees** [CMPS17]. **PEG** [VZB+15]. **PEG-IFN** [VZB+15]. **pelagic** [JB18a]. **Pella** [BR14]. **pellucida** [KG12]. **pelotons** [Tre19]. **pendulum** [BRB18, SNCM12]. **penetrance** [BLNR15]. **penetrating** [BC19]. **penetration** [EPJ+09, EPJ+11]. **penguins** [WHHS15]. **penile** [FKMG15]. **pennation** [RW15a]. **pentacoded** [Sel15a]. **people** [IL13, PBSM19, RCL16]. **peptide** [HWW+14, NTC+11, NF16, NGJ+14, SV14, SAGC12, TWR+18, WHL13]. **peptides** [BC19, BZJP18, BYY+11, CL13a, HPB+14, HME12, JB19a, LL13a, LYM+19, MÇ15a, MÇ16b, PDC+17, PPF17, Sel15a, Sel17, Tox17]. **Percent** [KB11]. **Perception** [MBBD13, ACT12, JP19, PLHL19, SP11, TCB13]. **perception-action** [ACT12]. **perceptions** [FWW18, MMH10]. **Perceptual** [BR12a]. **Percolation** [BGL10]. **perennial** [MK14c]. **perfectly** [ABIM10]. **Performance** [Chu18, AK11, CA17, GMMGVD12, HWTN15, Mar19, MHSH12, NBL10, OO18, PBYB18, RTR+13, RRL+13, Tal12]. **perfused** [OABI12]. **perfusion** [CXWL11, DAA17, MAM16, SEK+10]. **pergandei** [PRMH14]. **peri** [PVGA12]. **peri-implant** [PVGA12]. **pericarp** [AKdV+14, IST11]. **period** [BL14, BHLH12, CP14, GDF18, GMS+13, HTK+18, JMK+17, KN11, MK18a, NI11, SPH12, Tac10, TC12]. **period-average** [GDF18]. **period-memorizing** [Tac10]. **Periodic** [LHFM16, MGM13a, DGJ15, GZY12, HA15b, Hou16, LBZ18, MB18a, Ros10b, WZWY11]. **periodically** [GP12]. **Periodicity** [RLBCJ13, CK16, GP11b, US12]. **periods** [BAGG14]. **peripheral** [AOM19, HII+19, NAK+11]. **peristalsis** [ISM+11, VF12, dLMV+10].

Peristaltic [PCT11, PCT19, Pan19, BJWL15]. **perivascular** [WO11]. **permeability** [ASH15, BBR10, DK13b, LDB+14, OTTF11]. **permeable** [LSMP14]. **permutations** [GRB+13]. **permuted** [MP13b]. **peroxidase** [KIH16]. **peroxidases** [BMN16]. **peroxide** [Kun16]. **Persistence** [LW10a, LW10b, Zha15, AF10, BTG+15, BJPP12, GB12, GRBL13, JA13, KJ11a, Kur17, LLH+13, LM14, LS11b, MBC+12a, MB15, yTRSC13, PRC15, SBM+12, TSS16, UD10, VAT18, ZSH+16, JH11]. **persistence-time** [SBM+12]. **Persistent** [CML10, LG10b, Zuc14, BBDB13, Che10]. **persists** [SN11]. **person** [NOS17, Pła10, SPSP12, TP10a]. **personal** [Tay13]. **personality** [Del12, Pła10]. **Personalized** [BS15a, BSR14, GdGL17, KCSB14]. **perspective** [ABGM11, ABD+15, BK19, BRP+18, CHL+19, DKR16, DMSW10, KGM15b, LXS15, NN18, PJL14, RAF+14, SPG+18, SY15, WRZ+12, WWB14, dlEBRM15]. **perspectives** [DMO+17, KK13, LA15, Sek12, Wal16]. **Perturbation** [AABS16, GAL11b, MDEKH13, MZMM+14, Ou19]. **perturbations** [ABLH18, KC14, MEJ18]. **pertussis** [FGH+14]. **pest** [ACH18, ABR19, KGJ12, ROF17, TTC10]. **pesticide** [HT18, KGJ12, TTC10]. **pests** [IH17]. **PET** [Mun12]. **petiole** [GRCdL16]. **Petri** [YGMT12]. **PGE2** [PDRC16]. **PGlcS** [ZNC+15]. **pH** [LL17b, AHW13, GT11a, IvLP12, KHS13, KDFM14, LL17b, SLC12]. **phage** [ARZ15, JCW13, LW17, Voh17]. **phagocyte** [Kun16]. **phagocytic** [MMFK10]. **phagocytosis** [SZ18]. **phantom** [WTZ+11]. **pharmacodynamic** [ADR+11b, CvBF18, VZB+15]. **Pharmacokinetic** [CvBF18, ADR+11b, BSC+18, MAFB18, VZB+15]. **pharmacokinetic-pharmacodynamic** [ADR+11b]. **Pharmacokinetic/pharmacodynamic** [CvBF18]. **pharmacokinetics** [ACR+17, BPLM12]. **pharmacological** [OA15, POK+12, RG17, SBB14]. **pharmacology** [LBMG16]. **Pharmacophore** [TA16, GBC+16]. **pharmacophore-based** [GBC+16]. **pharyngeal** [dLMV+10]. **Phase** [DMM+14, GP11b, JP13, PJ13, Zha10b, AUE15, Ber14, Chu17, CSDR15, DFG+18a, DGJ15, GCSP17, KMM18, LG13, LV17, MH13, OFT15, Opr10, PM10a, SM14, SSH+19, Tou14, VLCM10, WBMM18, WTZ+11, YMW12]. **phase-associated** [Ber14]. **Phase-delayed** [JP13, PJ13]. **phase-locked** [Opr10]. **phase-locking** [LV17]. **phasic** [GK17, TD17]. **phenological** [APBS15]. **phenomena** [GGG12, ISM+11, Pai19, PA15]. **Phenomenological** [BSV+10, LPGTBMA19, BCGD10, BSS11, MAS15a, SKAG18, WMPF+15]. **Phenomenological-Based** [LPGTBMA19]. **phenomenology** [Oka11]. **phenomenon** [DKS15]. **Phenotype** [LP12a, VGPS18, WFW19, BJJR10, BBS18a, Bec14, Das13, Fil15, GCM17b, Gri11, HGM+16, IMA14, IMA16, IMD16, Kit10, LCDH15, SSP15, TK10c, WDN+19]. **Phenotype-centric** [VGPS18]. **Phenotype-genotype** [LP12a]. **phenotype-structured** [LCDH15]. **phenotypes** [FBK11, FWLW11, HK14, NvD17, RBR18, TDHC+18, WL12a, WL12b, WLL+14]. **Phenotypic**

[PVB+10, SSF15, UJLG14, ACM16, ABV19, BCGD10, BLP10, CRLH+19, CWF+16, Fra19b, HLTR19, KDFM14, LVLC18, Mou12a, NWZ15, NI19, RD17, SA13, SA14, ZWW14, ZMC+18, ZMW10]. **phenotypic-** [CRLH+19]. **phenotypical** [DXW+16]. **phenotyping** [DKP+18, KOF+14]. **phenylalanine** [AEE19, CFR+14, CMR+18]. **phenylhydrazine** [AGC18]. **phenylhydrazine-induced** [AGC18]. **phenylpyrimidine** [TA16]. **pheromone** [EBSW17]. **pheromones** [Amo15]. **Phi** [MIH16]. **Philip** [Ano19-50]. **Philippines** [KdlRJ18]. **phloem** [JBSFB12]. **Phoca** [SH17]. **Phogly** [XDD+15]. **Phogly-PseAAC** [XDD+15]. **Phosphatase** [DS15b]. **phosphate** [JSWY19, TP14]. **phosphoglycerylation** [JCG16, XDD+15]. **Phospholipid** [ZWvG10]. **phospholipidosis** [NS19]. **phosphoprotein** [KMLT14, KPLT14]. **phosphorelays** [KFW12]. **phosphoribosylamine** [Koe15]. **phosphoribosylnicotinate** [Koe15]. **Phosphoribosylphosphate** [Koe15]. **phosphorus** [BBS10]. **phosphorylated** [ZZ18]. **Phosphorylation** [HKH18, FKB13, HSiI+19, KFL12, RGG12, STNT17]. **Phosphorylation-induced** [HKH18]. **photoacclimation** [GCSMMG+12, NHS+16]. **photodynamic** [LMM18]. **photoinhibition** [NHS+16]. **photomorphogenesis** [PRH+11]. **photoperiodic** [DFT+17]. **photoprotection** [IK15]. **photoreceptor** [CVH+10, CW13, CPW16]. **photoreceptors** [Meh17]. **photosynthesis** [GCSMMG+12, LJM+17, YS14]. **photosynthetic** [DMS+16, PKL12]. **photosystem** [Laz13, MTE15]. **phreatophytic** [TLR14]. **phyllotaxis** [GRB+13, Oka11, Rei12]. **Phylogenetic** [Bar16, CTA15, HYW11, LAS14, SC10c, BPM+12, BLS17a, BFLS17, Cut15, DDLW10, DLYW13, FM18, GK16, GD16, HS11, Hua16, HMW16, LS13a, MS12a, SMD+16, SS12a, Ste13, SPCM18, TZY18, WS10, YY15]. **phylogenetics** [AHR10]. **phylogenies** [Kae17, Par15]. **phylogeny** [JPDP10, SL17, YHY14, dF13]. **Physarum** [BMV12, Tac10]. **Physical** [OB15, Oka11, SNY+13, WST15, Zab11, dSRM15]. **Physically** [HB12a]. **physico** [Di 16, Di 17b, SSV+15]. **physico-chemical** [Di 16, Di 17b, SSV+15]. **Physicochemical** [SBT+18, CL13a, CT18b, FD18, HYA14, JLX+15, JD16a, JD17, RSD+16, STG19, WXC10, XSLZ16]. **physics** [LCBO+12]. **Physiological** [DPvBvA12, KKU+10, MFN+18, Ush16, WCHC11, CTW10, CB13b, DSLR18, DLMK12, DCN13, EzMMH18, Gri11, LCA+15, LHD+17, PRK13, RG17, SS17b]. **Physiologically** [KAPR12, ACR+17, FPR10, MAFB18, NSO15, dlRVFK+16]. **physiologically-based** [NSO15]. **Physiology** [Mar17a, ARD14, BLW11, PRC15]. **phytobenthic** [SM17b]. **phytodesalination** [RAAS15]. **Phytoplankton** [BSH19, CFSB16, CFL+15, DD10, Gro17, KSP12, MHC16, MYLK11, RRB10]. **PI** [MZAI19]. **Pichia** [MÇ15a, MÇ16b]. **Pick** [FtL18]. **picture** [Goe15]. **piece** [SPH12]. **Piecewise** [TXWW12, TXCW15, COG19]. **Piecing** [SSP15]. **Piezoelectricity** [FGAM12]. **piezophilic** [NS16]. **pig** [LT14, SMM+13]. **pigeon** [PW11]. **pigeons** [SBW11]. **pigment** [DFG+18b]. **pigmentosa**

[CW13, CPW16, RGL+17]. **pillars** [Pia19]. **pilot** [SAI14]. **Pimephales** [HCHI18]. **pin** [HTM15]. **Pina** [ASRM15]. **Pina-D1** [ASRM15]. **pine** [APS+13, APBS15, CRLH+19, LK15]. **Pink** [ZLL+12, KHRS10, Toz15]. **pinnatifida** [MJV16]. **pinning** [KM19]. **pipiens** [YMZ18]. **piscine** [HH14]. **pistillata** [KRSD11]. **Pisum** [NNK+15]. **PKPD** [ADR+11b]. **place** [HY16]. **placement** [DI13]. **placenta** [SSFG15, SSB+15]. **placental** [GSGV11, LMJ+16, PWC+15]. **plain** [GW12]. **planar** [YM16]. **plane** [MSSM18]. **Planes** [NHTS14]. **planform** [NC16]. **planktic** [DLSD15]. **plankton** [CMBP19, PSV17, PHPM18, PMSY17, RM10, Ric17]. **plankton-oxygen** [PSV17]. **planktonic** [CG10]. **planning** [KBV11]. **plans** [KCSB14]. **Plant** [KR19, LRH15, AEE19, AMRRI10, BDLR12, CMB+12, CPV16, Che16, CEP14, CG11, DFT+17, lDsWM+15, DBJ12, FCC+10, FM13, FM15b, GGBW14, GWBG14, GZT15, GRRG16, HAP+16, HTM15, HB13a, IK15, IC11, KA11, KOF+14, KHNM16, KFG+14, KFS+13, LKSM14, LWRE14, LvdBP12, LH18, Mei12b, Mei13b, ML10, MK14c, NKB16a, OBE+17, OHWS18, PCB14, Pie10, PRH+11, PPTC19, RK18, ST17a, Sat10, SLC12, SIHO15, TIS10, TAL19, Yam16b, ZZC+17, vVE15]. **plant-insect** [KA11]. **plant-pollinator** [RK18]. **plant-predator** [HB13a]. **plant-virus** [NKB16a]. **plantarum** [LDdA+13]. **planting** [CK18]. **plants** [AGGME18, BHSB11, BvLH14, CMB+12, DHT19, DP13b, Kha10, KBKK14, LRH15, NKB16b, SI12, SNOV11, WZ18, YLY15]. **plaque** [GCYL18, IvLP12]. **plaques** [BD12, FBM19]. **Plasma** [RFdL15, BAGG14, CKD11, CRV16, SHB+17]. **plasmid** [FS11b, GY18, ZKTK10, ZDF+12]. **plasmids** [BBT+15, Mic15b]. **plasminogen** [Sil16]. **Plasmodium** [CB13a, CDO17, CKZ+17, CMD+10, GDPPSS+11, KMLT14, KPLT14, RM19, SPMGR10, TEY10, TEW12, TAR16, Tac10]. **plastic** [HD11, PAV10]. **plasticity** [CWF+16, DAA17, FHR13, FR13b, HKS16, HNA15, KAZ13, Mou12a, Rob11, SSF15, SA13, SA14, UJLG14, ZWW14, ZMC+18]. **plastids** [Sat17]. **plate** [ABD+11, CAGM+17, FHLM10]. **platelets** [SPA18]. **plausible** [FPdRdH10, SBMH10]. **play** [SPS11]. **played** [dOGL10, dOGL13]. **player** [De 19, DHK13, GT11b, HS14b, KC17, Kur19, Lai18, PLN14, Shu13, TT19, vVN12]. **players** [vV11a]. **playground** [SD16]. **plays** [Lai18, RPGG+19]. **pleiotropy** [Gia13]. **Plk1** [SBR16]. **pLoc_bal** [CXC18]. **pLoc_bal-mGneg** [CXC18]. **ploidy** [YG12]. **plot** [Mun12]. **plus** [BBRT12, SBT+18]. **pneumococcal** [MSE+14, SMA11]. **pneumonectomy** [HWM+16, HHMT19]. **pneumonia** [MSE+14]. **Pocketknife** [Sel14a]. **Podar** [Di 14b]. **podosomes** [HBW+11]. **point** [AP13b, HT19, KDST15, MKE15, MS14c, PP17a, SSN+14, TH17, YI17]. **points** [AIY16, DI10a, KMN16, SSJK18]. **Poisson** [GBIR13]. **Poland** [GMR16]. **polar** [DGL12]. **polarisation** [CEKM+19, VSW10, dBE16]. **polarised** [JD13]. **polarity** [LS15b, Lee16b, YM16]. **polarization** [FZ14, SKGM19]. **policies** [KTJ19, LJ15, PGGvL+19]. **policing** [OAV+16]. **policy** [GK13, ZXH19]. **polio** [KR15]. **poliovirus** [Hou15]. **polioviruses**

[KR15]. **pollen** [CKD11, YLH12]. **Pollination** [Wan19, EVRE14, LIPD12]. **Pollination-mutualisms** [Wan19]. **Pollinator** [FH13a, TIS10, EVRE14, RK18]. **pollinator-flower** [Abb10]. **pollinators** [YLH12]. **polluted** [LW10a, LW10b, LLL13]. **poly** [CDK11, SABB15]. **poly-specific** [CDK11]. **polyadenylation** [JWS+10]. **polydomous** [CFR13]. **polygamous** [Arc13]. **polygenic** [HT18]. **polyglycine** [Di 14a]. **polyhedra** [Den19]. **polyhedral** [CZJQ14]. **polyhydroxybutyrate** [SBJ+18]. **polyketide** [BLP10]. **polymer** [Fan11]. **Polymerase** [BS19a, Das18, IDM15, LYF+15, SBJ+18]. **polymerase-template** [IDM15]. **polymerases** [Xie11]. **Polymerization** [SGGHS19, Sel12a]. **polymers** [SG18]. **Polymorphic** [Fis16b, AY15, BRA15]. **polymorphism** [ACM16, BCF+16a, Bon12, DEG+14, IOY15, Kis16, LBJ13, OO17b, SMD+16]. **polymorphism-aware** [SMD+16]. **Polymorphisms** [Ram10, LR16, MV10, OGO19, ZW16]. **polynomial** [DZJR10]. **polynomials** [MMG+16, Mil11]. **polypeptide** [PBKR13, RA10]. **polypeptides** [MNSZ16]. **polyphyletic** [Di 13b]. **polyploid** [PPTC19]. **polysome** [SC11a]. **polytes** [SFT14]. **polytomy** [SL17]. **polytopic** [EG12]. **pool** [LJI17, SHBT14, TLW18]. **pooled** [BR13]. **pooled-equilibrium** [BR13]. **poor** [BID15, CT14b, PT10, YSST13]. **poorly** [LS15c]. **Population** [CM14, Kam11, SI19, SBSE14, TWW19, WZLW15, AR11, AY15, AKS+19, ADC19, Arg12, AR17, ASGG17, BTG+15, BBR10, BBWS+13, BSKV18, BHKR14, Bon10, BHBR12, BC13, BPGS12a, BPGS12b, CC11a, CMS+19, CFT11, CA18, DB10, DMM+14, EKFV18, EBE14, EPP19, EVRE14, ECP+16, FGLS10, FR17, FH13b, GGQ+12, GW15, GVGC15, GAGP+14, GA16, GS13b, Gre15, GP12, GBRS19, GMR16, HN19, HSMCCR19, HR14, HM11b, Hor13, HTB+13, HPW+13, JJ17, Jam16a, JL16, JP19, JMK+17, KMHdlP10, KFB18, KD16, KG15, KAKK19, KSPA17, LS15a, LR16, LG10a, LHV16, LFM11, LL18, LP12b, MZ17, ML14, MB18a, MSK10, MZAI19, MCPF12, MD16, MMRCCC10, MA11b, MBP16, NKL10, NSO15, NBBCC18, NGS+16, NP13, PBR17a, PVB+10, PGH11, PKH11, Ram10, RJSC18, RWSB11, RRR15, RR12, ST17a, Sal15]. **population** [SI12, Sch14, SFT14, SCC11, SV17, SFS13, SZ10, SL12, SY15, SYY17a, SYY17b, ŚKSRW16, TKB+18, TLCZ12, TGC+17, TDKJ15, TMD14, VSD+17, VZ19, VK10, VAT18, VZB+15, WR14, WML16, WKB13, WMHH10, XSCS12, YMZ18, ZKTK10, dTKDV15, vV11a]. **Population-level** [SBSE14, GBRS19, SCC11]. **populations** [AGPK13, ATRR10, BGM19, BV12, BGKL17, BI19, CZN12, CMMR13, DBBW09, DBBW11, Déb17, DKR16, DBG18, FHSG15, FZW17, Fis19, FBM19, FS16c, FNH10, FOT+15, GvVT14, GSYS10, GGBW14, GWBG14, GH11, Gra15, GPT17, Han17, HAB11, Has14, HI12, HMWB13, HH16, HHD+16, HMM17, HK11b, HHN14, ITR+18, JMS18, JSB15, Jus11, KCS16, KD16, KFA12, KEHK17, KS15, KUV+10, Lab16, LS16b, LW15, LGBT15, Lio18, Lio24, LCDH15, Mac14, MR11a, MKKS14, MH12, MKBE17a, MKBE17b, MBS19, MP13a, MBC+12a, MG10a, MZMM+14, MSS10, Moo14,

MP13c, NI19, Oht12, Pat16, PNL15, PP17b, PKH11, PTB12, RN12, Ros11, SSD13, SPSP12, SMdA16, SGW17, SC12, SM11a, Tay16b, TB18, TRJD19, WL12a, WL12b, WL14, WGS10, WSP14, WL19, WBM+15, YG12, ZADB15, ZDF+12, ZLW18, dASdC+15, dWV11, dlCGSA16]. **porcine** [SMM+13]. **pore** [OTTF11]. **pores** [MAA+17]. **poroelastic** [DHRA10, XLLF17]. **porosity** [MAMEA15]. **porous** [CFT11, MBPS17]. **poroviscoelastic** [MA11a]. **poroviscoelasticity** [MAMEA15]. **Position** [KHK+17, AKR+18, DLL+17, GGC14, QW11, QLC+18, SLDP13, WYX+17, XDD+15]. **position-specific** [WYX+17, XDD+15]. **Positional** [Wol11, Che14, JD16a, JD17, KRSD11]. **positional-specific** [JD17]. **Positioning** [BAM+15, Lee16b, JYZ18, NDG14, Sht17]. **positions** [KB10a, LL13a, NHTS14]. **Positive** [Eli17, FGPR10, KF11, LCGMH12, Ric19, Sel10, SXZY12, AN13, BC19, DD13, DHS+15, HLS+12, HR12, JRMS12, LKP+12, RA18, SRD+15, TWH+13, USF+18]. **Positively** [RAD14]. **positron** [LDB+14]. **possessing** [JRR+12]. **possibility** [IOY15]. **Possible** [BTK14, GG16, GK13, Han10, MA11b, ÁTC+14, BGCB12, Coh15a, DGJ15, HNR14, HKS15, Kro10, Mal10, SWSLMJ19, YLY15, d'O12]. **Post** [EBSW17, BLZ+19, GRB+13, MMC19b, RRR15, XG12, ZLB13]. **post-marital** [MMC19b]. **post-meristematic** [GRB+13]. **post-reproductive** [RRR15]. **post-spliced** [BLZ+19, ZLB13]. **Post-translational** [EBSW17, XG12]. **postbuckling** [She10]. **posterior** [HS11, ZBA18]. **postganglionic** [BPPC15]. **postharvest** [vdSS12]. **postnatal** [Mol18]. **postsynaptic** [MZ18]. **posttranslational** [XWW+14]. **posture** [BBJDS11]. **potassium** [CRGS18, CW11c, FD11a, GJ11, ZAL+19]. **potency** [ADR+11b, ONO15, PDC+17]. **Potential** [BLZ+19, MG14a, PYG+19, APW10, BHBH11, CF11, CVO+15, DSTD19, HN10, HZC+10, IHNS16, KS10, LdLK11, LLD+17, LSB10, LB11, LB12, LL17b, MGGM10a, MV10, Mas18, MN14, NTC+11, NS19, NRS+16, NYSM12, PRK13, PPC+17, RRG+12, RL17, RGCML10, SZ18, SNOV11, TWR+18, TWTA+18, Thu15, TGZF11, Unc11, XSTW14, XW17, YLH12, JSC+16]. **potentially** [BHBR12, PMSY17]. **potentials** [AAJGCD15, CS18, FMS+12, HMM16]. **potentiation** [HKS15, HKS16, SBB14]. **potentiators** [Mor10a]. **Potts** [LL14]. **Power** [KMM16, HB10, HYZ+15, KHRS10, PCT11, PCT19, Pan19, PR17, PWHW16, RS12, VDH+15, ZDY11, ZL18b]. **power-law** [HB10, PCT11, PCT19, Pan19, PWHW16, ZL18b]. **powerful** [JZZK11, LWL+11]. **pp** [JN14]. **PPI** [LJM15, LCL14, YZ19, ZHC10]. **Practical** [Ger16, Zhe15]. **Practically** [NH19]. **Practopoiesis** [Nik15]. **pre** [DLMK12, Mau15, Mol18, PVGA12, RT15, SPS11, SHSR15, VDTF15, WSH+10]. **pre-breeding** [VDTF15]. **pre-diagnostic** [SHSR15]. **pre-existing** [PVGA12]. **pre-miRNAs** [WSH+10]. **pre-mRNA** [RT15]. **pre-play** [SPS11]. **pre-RNA** [Mau15]. **pre-stressed** [DLMK12]. **preadipocyte** [CSKF10]. **prebiotic** [CKS15, ML14, RBRB16, SHH15]. **precipitation** [WTC16]. **Precise** [JRR+12, RRG+12, Zhu11]. **Precision**

[NNK+15, TMS13]. **preconditioning** [SXZY12]. **precultivation** [ABK+12]. **precursor** [LFW+15]. **Pred** [KCM+11]. **Predation** [MB12b, PDSP13, AF10, HMH14, IEN15, KGB13, LZTD18, PBB10, PFB10, SP11, VA10, Woo10]. **Predator** [GSL13, SV17, Abb10, BT17, BH13b, BHR10, CLA17, CGHF14, CK18, CNM+13, DS13, DZJR10, DKF17, EKFV18, FtL18, Fre10, GLR+17, GVGC15, GWE11, GPR+16, HAK+19, HGHL10, HSR12, HB13a, HWL15, KGJ12, KB15, Kři11, Kři13, KP15, LHV16, LJ18, MSZW19, MMAS13, MFG+13, MA11b, MI11a, Mou12a, NTOI16, PPW16, PHPM18, SWD16, SBSE14, SVA18, SY12, VWF19, WRC+19, YiTS19, ZZ14b, ZMW10, ZMT11, ZYD15]. **predator-2** [PHPM18]. **predator-prey** [HAK+19]. **predators** [Alv18, AH17, BT17, BR12a, FKV19, LG19a, LG19b, SvK12, TI13, TB15, ZYD15, vLBJ+13]. **predatory** [IPMH12]. **Predict** [CXC18, FL12, HZC+10, JLX+16, ZZK14, pZWZ+16, BMSEE14, BJ18, FGAM12, GMZM15, HYA14, JSF+11, LXC15, MJ11, PH13, PWHW16, RW14b, WYL+18, XNJ+13, ZZG+16]. **predictably** [HD11]. **predicted** [HH14, Hal17, HCHI18, KZL14, LJ10, MALAN17, PDC+17, RT19, ZKHL16]. **Predicting** [ÅCHS19, All11, ADR+11b, CL13a, CT18b, CTL+15, GSCS11, GMM+13, GGX+10, HPB+14, HK11a, HK12, HN10, HS12, HLS+12, HY13, JYZ18, JD16a, JD17, JCG16, LS13a, LD11, LJW+16, MPCTGJ+15, Mei12b, Mei13b, MSB16, NHSX14, OYY16, QLC+18, SM17a, SM18, SCA13, SCF+12, SKK18, TWC+19, WGS10, WS16, XTZ+13, ZL18a, ZRGW19, ZLW+19, ZLDZ13, AAJGCD15, BW13, DLL+17, DTP19, Hua12, KCM+11, LLP+19, LKL13, LHH12, LHL+14, MV10, QLWC19, RBMS17, RW15a, SW13a, SC10b, SOIO10, WXmH10, WHZ+17, YD14, YC13]. **Prediction** [ARR14, BRK19, CZW+11, CCY+19, GXFF13, HTK14, HWHL15, JD16b, JR17a, JW18, KPK+13, KJH+19, KSKK15, LYF+15, LTL+15, MPY14, MBE11, NBL14, Pav14, QW12, SS17a, SMS19, SHLL11, Tun13, VZB+15, WYL+19, WLY+17, XWW+14, XDD+15, XXD+17, ZMS11, ZDG+10, ZSZM14, ZJSC16, ZD18, ZNC+15, vdSS12, AFS19, CJ12b, CTSL11, Cho11, DSPM14, DYQ+14, Dol19, DTY12, EMM10, FHG15, FYZ15, GMMGVD12, GJ15b, HA15a, HK11b, HW13, IMH15, JM12, JWS+10, KKGN16, KGP+15, KZL14, LWW14, LJ10, LLCC12, LDdA+13, LZMM15, Mar12, MKBE17a, MKBE17b, MKRE18, MSRW16, MFZ18, MZ18, Möl12, MP14b, MMCZM12, MP19, MR18, MR19, NK18, NS19, PWZ+19, PM14, PMKM10, PSAA13, QQJW13, RSS+18, RSD+16, RAF+19, RCL+10, SKK18, SQZ+16, TLY+19, WRZ+12, WYX+17, XLL+10, XWD+10, ZCAB17, ZPHS11, ZLY14, ZKHL16, ZZC+17, ZHC10, dEG11]. **Predictions** [FKDW15, KHRS10, KSP18, METC12, QZY17, SPA18, TWP16]. **predictive** [ABB+19, KBE+13, MPC12, NSH+10, Non10]. **predictor** [IIKH16, JZ17, JCG15, MS14a, USF+18, WMK13, WMK14, WMK15, WMK16]. **predictors** [PPF17]. **predicts** [ASC16, Bac15, HBA10, Lai11, MD16, Tsu19]. **predominant** [KBK16]. **predominantly** [MR10]. **prefer** [SS15b]. **preference** [PC10a, PHPM18, SS12b, ZLZ+16]. **preferences**

[Ant13, BC13, Kři10, KR19, Sal10, ZDG+10]. **preferential** [FHSG15]. **preferentially** [HHMT19]. **Preferring** [SBJ13, Jab15]. **Pregnancy** [For14, SPO+10]. **preliminary** [BVK10, LZL+19]. **premature** [TH17]. **prenatal** [BFGAGA16]. **prenylation** [HKR+19]. **PrEP** [RVZ14]. **prepared** [PGGvL+19]. **preparedness** [PGGvL+19]. **preprocessing** [GZ14a, GZ14b]. **Prerequisite** [Tox19]. **prescription** [RD14]. **presence** [ASK17, Alv18, AWK15, BYJ17, BZA16, BAM+11, CW15c, CDK11, GT12, KM18, KS14, KGM+15a, MOSS15, MB18a, yTRSC13, NM11, RRRRSPTR16, SIVH17, Sil16, TB15, TH17, VIBC12, WXWL12, WdVMD15, ZN18]. **present** [Kir11, MPP+16a]. **Presenting** [TTG19]. **Preservation** [Tox18]. **preserve** [MFMPS10]. **preserving** [AdGM12, FK18, WXmH10]. **presomitic** [JAK19]. **pressure** [AM11, BGM19, CMS+19, CCG+18, DLMK12, HWMT17, IKHL16, JSK16, KEHK17, KFG+14, LFD11, LS15c, LS16c, NHE+16, PR13, TSL12, WWB14, WFM+13, WFC+14]. **pressure-based** [CCG+18]. **pressure-clamp** [KFG+14]. **pressure-clamp/relaxation** [KFG+14]. **pressures** [Rey13]. **presynaptic** [MZ18]. **preterm** [SEK+10]. **PREvaIL** [SLT+18]. **prevalence** [ADB+13, KST17, LZY+15, MHMM18, MS16, MM15a, PDW11, SSG+19, SGD+16, YHZ14]. **prevent** [RANO10]. **preventing** [FHSG15, LJI17]. **prevention** [CJL15, PBSM19]. **Prey** [AF10, BH13a, Abb10, AK11, BT17, BH13b, BC15, BBB18, BR12a, CLA17, CGHF14, CK18, DS13, DZJR10, EKFV18, FtL18, Fre10, GLR+17, GG14, GSL13, GPR+16, HAK+19, HGHL10, HWL15, IEN15, KB15, Kři11, Kři13, KP15, LS10a, LG19a, LG19b, LHV16, LJ18, MSZW19, MMAS13, MFG+13, MA11b, MI11a, Mou12a, NTOI16, PPW16, PHPM18, RPCW18, SWD16, SV17, SBSE14, SVA18, SY12, Tos11, VP18, VWF19, WRC+19, YiTS19, ZZ14b, ZMW10, ZMT11, vLBJ+13]. **prey-predator** [BT17, GLR+17, YiTS19]. **prey-resource** [SY12]. **prey-shared** [KB15]. **prey-subsidy** [EKFV18, LHV16, SV17]. **prey/pollinator** [Abb10]. **prey/pollinator-flower** [Abb10]. **Price** [Gra15, vVGSE12, Lio18, Lio24]. **prices** [HMM17]. **Primary** [KBL15, ABKS11, ABD+11, DBBW09, DBBW11, Di 18, Di 19c, FHLM10, FHW+10, GGC14, GA13, HWM+16, LRL+16, PRV+14, SDT17, XM11, YZZ12, ZPHS11]. **Primate** [BHLH12, RGP13, SCF+12]. **primates** [LPvSP11, LPvSP12, Nak16b, SDPC11]. **priming** [MEKK11, SW13b]. **primitively** [LF13]. **primordia** [PHH18]. **Primordial** [VFS+15, Mau15]. **primordium** [ZBA18]. **principal** [HME12, SG15a]. **Principle** [Pee12, CHH10, FMS+12, HRC+12, LKZB15, LIB+17, Mig16, NvHM13, WB10]. **principles** [DRW14, KAN11, KSPA17, MJS11, TM16, VGPS18, dSRM15]. **prion** [DFMR19, PRM11, Wil13, Zha10a, Zha11, ZGY11, ZSW11, ZZ14a]. **prior** [SNS17]. **priorities** [SAB17]. **prioritise** [CSS+18]. **Prioritization** [KJ19, FP18, LLW+18, YC15]. **Prioritizing** [HZL+13]. **priors** [KM18, MKBE17a, MKBE17b, RM17b]. **Prisoner** [CZ14, MI19, PM10a, BLS+17b, JC16, TP10a, YA14, ZZC10, ZGWL14, FNH10, GCS12, Lai11, Lai18, MN11, ZLY+17]. **prisoners** [PCN17]. **private**

[OSN18]. **pro** [DPvBvA12]. **pro-ovigenic** [DPvBvA12]. **Probabilistic** [BDID+12, EAN14, PPTC19, SRS+15, Ala15, CMPS17, FM18, KHK15, KMCH14, OGE10, PDM17, ZGG+19]. **probabilities** [ADR11a, CS15a, HS11, HT10, JLH15a, JR17b, LPKH15a, SLDP13]. **Probability** [Mul11, Mul12, AP13a, BBR16, BPR15, CPV16, Cut15, HTK14, Hou15, JJ17, Jam16a, LAG+14, LN19, MPY14, MKBE17a, Mon18, OGE10, SW17, VGL16, Wax11a, YG18]. **probable** [Sil16, SS15e]. **probands** [Jam16b]. **probed** [Zha10a]. **probes** [KFG+14]. **Probing** [GNB+13]. **Probiotics** [RD14]. **problem** [AKNP18, Arc14, ASP13, BM16, CFS+19, CB15, DSTD19, DZJR10, Fok12, GA15, HB12b, Mil11, MAR+17c, Van16a, VLCM10]. **problems** [Coh15b, Mor19, MRS14, YBC17]. **proboscis** [LLK14]. **procedure** [MW13]. **process** [AGRR+15, BGKL17, BCFR10, CJKR10, CCB11a, CAV16, DDHM12, DRCL12, DDB10, FCC+10, GFH+18, Gou16, Gri19, Hal12, Höh15, JSWY19, KB15, LPH19, Mal10, MFG+13, NPS10, NPMM15, PP17a, RRRTR10, RRRRSPTR16, SW16, SCÁBM10, SCÁBM11, SGAM12, SSJK18, SBW11, SBJ+18, TGLK19, TA10, TF17, jWlGQ19, WdLS17, WZ15, ZCT18, ZTWL12]. **process-based** [DDB10]. **processed** [CRV16]. **processes** [AGM11, BA10, BMI19, BSKV18, BMB+18a, CK15, Edu16, GGM12, Ing16, JG14, Kuz19, LPKH15a, LPKH15b, LPH19, MRPLAS15, MH18, NYSM12, PAS10, PBB+15a, Par19, RRTR12, RSR11, SS15e, SMC+13, SK18]. **processing** [BZ18, CC11b, ESW13, HYSG19, RWH16]. **processive** [GWX17]. **processivity** [SSZR17]. **produce** [DBB14a, KK15, Sel13, Sel15a]. **produced** [LFM11, MDVT10, SK15]. **produces** [KL11, MOSS15]. **producing** [FE11, GT11a]. **product** [DH16, De 17, DDF+14, ZK18]. **production** [BSL+17, GSL13, GS17b, HWGT15b, JLH+15b, LDF+11a, LvBJ16, MÇ15a, MÇ16b, OFB10, PBR17b, Sak10, STNT17, SPA18, Tsu19, WBM+15, YLY15, ZCT18, vLFM+19]. **productivity** [FGLS10, SDJ+15, SK16b, YLH12]. **products** [DDF+14]. **Professor** [Ano19-50]. **profile** [AMP12, CW11b, DYQ+14, HTK14, SC11a, SG15b, WDH+16]. **profile-profile** [WDH+16]. **profiles** [CCS18, IvLP12, JK12, Pła10, RU16, SBT+18, TK10a, TBB14, VLFF12]. **profiling** [HZL+13, SOIO10]. **progeny** [DBBW09, DBBW11]. **progesterone** [LXZQ14]. **progesterone-induced** [LXZQ14]. **prognosis** [LX16]. **program** [VDTF15]. **programmed** [HZW+14, Xie13a]. **programmes** [dMP11]. **programming** [CZW+11, JPBM17, LPD+16, NS13, SNS17, ZMNd+10]. **programs** [NKOS11]. **progression** [CW13, CLHB11, DD13, GL18a, GA14, HTK12, KEG17, KC11a, LTZ19, LCGMH12, METC12, NWB+10, SB19]. **Progressive** [SVSP15, Len14, SCKL15]. **projected** [DTY12]. **Projecting** [MHMM18]. **projection** [PRSC11, WMK14]. **projections** [WXmH10]. **prokaryote** [CCY+19]. **prokaryotes** [GYWJ10, Hua12, XKCG15]. **prokaryotic** [AAAV14, LXS15, YCR+15]. **proliferation**

[ALD+11, BJO+16, BMB+18b, GMOP12, Gol10a, Gol10b, Gol16, HPM+17, LD18, MFL+18, MFMB12, MPZK16, TSMB14, WRH+16]. **proliferative** [SZ18]. **Prologue** [TK19]. **promelas** [HCHI18]. **promise** [Ran12]. **Promote** [GWNW15, BBD18, GW19, HNR14, JA13, Lai18, PTB12, RRR15, SSS17, SJSK18, Tos11, WDH+11]. **promoter** [BSB+13, CBL14, FLM18, HA15a, HBSF11, RW16, SDRA+15, dEG11]. **promoters** [HHJR11, MMH+12, RW16, ZLDZ13]. **promotes** [BLW11, CS14a, CH11, ML13, MB12b, NCLB16, SN18, SKS+19, WSP14, XY14, YHZ14, ZZCZ17]. **promoting** [BM14, BLS+17b, LHW14, Mal10]. **Promotion** [LPH18]. **proof** [HRC+12]. **propagated** [HS15]. **propagating** [Hor11b]. **Propagation** [NS18, Van17b, BZN17, BSB+13, HM10b, HMM16, KKWA18, OTTF11, PRV+14, ST17a, SNOV11, WML16, WHT17, WLY+17, YM16, ZUFM17, dRFI15]. **propagule** [BGM19, PR13]. **propel** [RL15]. **propensity** [JM12, NPS18, PGH11, XDD+15]. **propeptide** [NF16]. **proper** [KP16, SW19]. **Properties** [SBT+18, ÅCHS19, CS18, CW11a, CL13a, CT18b, DLEMP19, FD18, FLM18, FLGGD+14, GML10, HT19, HYA14, HAuR+18, HZL+11, JBSFB12, JLX+15, JD16a, JD17, KCM+11, LL13a, LCG+15, Luo14, MBE10, MT14, MGC13, PM11a, PW19, PDW11, RSD+16, RHS14a, SFV16, SG15a, SDKF12, WM17, WN19, WXC10, XSLZ16, YWW+14, YWZ+16, ZR16]. **property** [GRB+13, Js12, Su16]. **prophage** [CKB19]. **prophylaxis** [RWSB11]. **Proportion** [WF17, Dol16, IU18, JMC+10, PWE15]. **proportional** [Gla13, RWH16]. **proportionality** [KMM16]. **proportions** [HXL18b]. **proposal** [FRP14, SNCM12]. **propulsion** [FKMG15, HM11a]. **propulsive** [KG12]. **Prorocentrum** [JSWY19]. **Prosperity** [CST+12]. **prostate** [CBGS18, Dim10, DDTL19, HHSA15, HBA10, HA15b, NH19, PGF11, SSN+14, WMN18, YZY+16]. **prosthesis** [JH12]. **Prot** [pZWZ+16]. **Protandry** [Mor13]. **protean** [Fre10]. **protease** [FHG15, IHNS16, TAR16]. **proteasome** [SBB18]. **protected** [KG13, KJ15, TM14, Tak16]. **protecting** [BH12]. **protective** [HE16]. **Protein** [DS15b, KKS+14, KS10, LJM15, LCF17, LBS+14, LPD+16, MALAN17, Nah14, NSBL10, QZY17, SV14, SBT+18, SSV+15, TKK14, Wal10, WZM19, XSLZ16, YDC+13, YZ19, ZT16, AFS19, ACdlRMR+11, AEZR+16, AH15, AC15, AP13b, BBT+15, BKR14, BB15, BSM+14, BB13, BGD+13, Boz15, BMF+18, Bry13, CJ12a, CZW+11, CL13a, CSKZ19, Cho11, DLEMP19, DI13, DHS+15, DSPM14, DM10a, DM19, DYQ+14, DZW10, EHBC10, EG12, ER18, FJ10, FLGGD+14, FCS18, GTS15, Gin10, GJ15b, GNB+13, HNV+16, HMTA17, HYA14, HK11a, HK12, HTK14, aHLZ+12, HLHY17, HMH14, HPML18, HLS+12, HH13, HY13, HWHL15, IA17, JSZ12, JM12, JLQ+19, JD16a, JD16b, JD17, JCG15, KSA16, KHP+12, Kee10, KKGN16, KRDJ15, KHKI17, Kin18, KZL14, Kri18, KSK+17, Kur10, KK17b, LL12, LWW14, LZ18, LJ10, LlLYB13, LCL14, LYZ+18, LMJ+18, LSLL13]. **protein** [MPY14, MJ11, MMY+12, Mal18, MdFDM10, MPCTGJ+15, MGO+15, MÇ15a, MÇ16b, Mei12a, Mei12b, Mei13a, Mei13b, MG14a, MIH16, Miy16,

Miy17, MPZK16, MP14b, NBL10, NBL14, NLB14, NSS+11, NMZ19, NHTS14, OYY16, PDM17, PAOMV17, PWH+13, PM14, Pav14, PBvdG10, PWHW16, PM11b, PBBB10, PSAA13, QW12, QQJW13, QLC+18, RRG+10, RSS+18, RSD+16, RCL+10, RM19, RT15, RBMPP+13, RBMPP+15, SNS17, SRS+15, SM17a, SM18, SFV16, SRP16, Sel13, SC11a, SLDP13, SSSD17, STG19, SHLL11, SQS+12, Sht17, SBB18, SG15b, SAGC12, SAZ+14, SPL14, TWR+18, TP10b, TAI+18, TWC+19, THBM10, TP17, USF+18, VBHM+13, WMK14, WMK15, WXmH10, WRZ+12, WYX+17, WYL+19, WLY+17, WXC10, WGDZ18, XLL+10, XNJ+13, XGZ17, YSH+14, YWW+14, YG18, YYH+14, YC13, YCR+15, YLF+17, ZMS11, ZCAB17, ZPHS11, Zha11, ZZRZ11, ZS12, ZTWL12, ZLY14, ZZK14, ZLZ+16]. **protein** [pZWZ+16, ZJSC16, ZKHL16, ZL18a, ZD18, ZRGW19, ZLB13, ZNCM15, ZNC+15, ZLW+19, Zho11, ZHC10, dBJ11, dS15a]. **protein-coupled** [BMF+18]. **protein-drug** [NLB14]. **protein-ligand** [FCS18]. **protein-ligand-binding** [QQJW13]. **Protein-protein** [MALAN17, QZY17, ZT16, ZRGW19]. **protein-RNA** [LL12, PDM17]. **Protein/Receptor** [Ken19]. **proteins** [ÅCHS19, ARG14, AH19, AH16, ALM+19, AAJGCD15, AHJ18b, BMSEE14, BRK19, CRH+15, CXC18, CRV16, CT18b, DTY12, ESW13, FL12, FL13, FLW16, FBAPMD13, FLCS+15, GZ14a, GZ14b, GDPPSS+11, HZC+10, Hua12, HKR+19, IKHL16, III17, IK15, JLX+15, JLX+16, KCM+11, KPK+13, KHK+17, KB11, KBK16, Kri16, Kri18, LL12, LLW+18, LLP+19, LTL+15, LAJC19, Mei14, MP12, MBE11, NHSX14, RBMS17, RBRB16, RKJ+11, Rou14, SRD+15, SGGHS19, Sha14, SC10b, SSV+15, Ste12, SH15, SSRA16, Tox18, WMK16, WdVMD15, WHH17, Wil13, XWC11, XDD+15, XKCG15, YLL+14, YGL+10, ZJS11, ZGS+10, Zha11, ZZ14a, ZSZM14, pZWZ+16, ZRGW19, ZNA+16, ZXC+10, dSMP+11]. **proteolysis** [Sel17]. **proteome** [LKAJ18, RNVP10]. **proteomes** [LLG16]. **proteomics** [WAC14]. **proto** [Di 14a]. **proto-mRNAs** [Di 14a]. **protocell** [ZSS10]. **protocells** [VMZK+19]. **protocol** [AGC18, SSN+14, Zhe15]. **protogynous** [YSST13]. **proton** [LL17b, Mar12]. **prototype** [GBJ+11]. **prototypic** [ANGPB12]. **protozoal** [HFD17]. **provide** [IK15, TLW18, VGZS18]. **provided** [WZ12]. **provides** [PJ13, PVCEC18, TCYY+12, Zho11]. **Province** [HJR12, TXTW16]. **provinces** [STG17]. **proving** [WSM12]. **proxy** [MHC16]. **prune** [BLS17a]. **pruning** [LMdL11, dG10b]. **PseAAC** [Mei13a, Mei13b, AFS19, AH19, AH18, BRK19, CCY+19, CXC18, CT18b, DHS+15, HYA14, HKR+19, JLX+15, JLX+16, JLQ+19, JCG15, JCG16, KHKI17, KJH+19, Kri16, Kri18, LZ18, Mei12a, Mei12b, NBL10, NMZ19, RSS+18, SM17a, SM18, STG19, SKK18, WZM19, XMWC13, XDD+15, ZCAB17, ZL18a, ZD18]. **PseFpt** [XMWC13]. **PseKNC** [JYZ18, SIK+18, TTC19]. **Pseudo** [AH15, AHJ18b, BMN16, CL13a, Cho11, EMM10, FL12, FL13, FLW16, GZ14a, GZ14b, HPB+14, HK11a, HYW11, HY13, HGM+16, JD16a, JD16b, JD17, JSF+11, KHK15, KZL14, KSKK15, LD11, MJ11, MFZ18, MZ18, MBE11, MP14b, NBL14, NMZ19, PWZ+19,

QLC+18, RBMS17, SRS+15, TTC19, TWC+19, TP17, WMK13, XNJ+13, XSLZ16, YGL+10, ZSZM14, ZZK14, ZK18, ZNA+16, ZLW+19, ZLDZ13]. **pseudo-amino** [GZ14a, GZ14b, HYW11, JD16b, JD17, KSKK15, MJ11, MBE11, QLC+18, WMK13, YGL+10, ZNA+16, ZLW+19]. **pseudo-average** [FL12]. **pseudo-multiscale** [HGM+16]. **pseudo-position** [QLC+18]. **pseudo-trinucleotide** [ZLDZ13]. **pseudomallei** [SSRA16]. **Pseudomonas** [ALM+19, FE10, FIJJ11, MBC+12b, SBJ+18]. **pseudopodium** [GF11]. **Psi** [MIH16, DYQ+14, PRM11]. **PSI-BLAST** [DYQ+14]. **PSO** [FJS+19]. **PSO-based** [FJS+19]. **psoriasis** [RAR19]. **pSSbond** [KJH+19]. **pSSbond-PseAAC** [KJH+19]. **PSSM** [DLL+17, HK12, KHK+17, LZ18, LTL+15, ZCAB17, ZL18a]. **PSSM-Suc** [DLL+17]. **pSuc** [JLX+16]. **pSuc-Lys** [JLX+16]. **psychiatric** [PG18a, PG18b]. **psychological** [FWW18]. **psychophysical** [vTMW15]. **PTH** [CLA+16, TSF+19]. **PTTQ18** [GY18]. **Public** [CJRR11, AS12, AS13, Arc16, AS16, Che12, CWW18, CSZT12, CB10c, DDRP13, Hau10, LCCK12, LvBJ16, MK14b, MV18, ON14, OO17b, ROF17, SU11, SHBT14, SP13b, WH11, WL19, XWZ10, ZCW13, ZWC+13]. **publications** [SS19]. **Publisher** [Ano19-51]. **pulmonary** [GBJ+11, NAK+11, REC10]. **pulsatile** [GDF18]. **pulse** [ABLH18, BB11a, GZT15, LL18, ZTT18]. **pulse-amplitude-modulated** [GZT15]. **pulses** [HB18, LSMP14]. **pump** [Dim17, OCN10]. **pumping** [Alv18, YSI17]. **Punctuated** [WdLS17]. **pungent** [Di 17b]. **punishers** [OO17b]. **punishing** [Sch10]. **Punishment** [HNR14, PTB12, ZZCZ17, CW14, GWNW15, GT12, IL13, JR17b, KCS16, RANO10, SHBT14, SP13b, WL19, Wol12, ZCW13, dWV11]. **pupylation** [Tun13]. **purely** [TBQG14]. **purifying** [OGO19]. **puroindoline** [ASRM15]. **puroindoline-** [ASRM15]. **Pursuit** [ACT12, Gri15a, VP18]. **putamen** [RKMG12]. **putaminal** [GMK18]. **Putative** [Sel14a, AIY16, SPSM15, SBR16]. **Pütter** [OYA14]. **Putting** [JPDP10]. **PUVCs** [JSC+16]. **puzzle** [DMO+17, SSP15]. **puzzles** [TK19]. **pv** [JSF+11]. **pyemia** [BC19]. **pylori** [LAH+16].

QEPS [NNH+16]. **Qrr** [HK14]. **QSAR** [FHG15, HME12, LL13a, LT14, MR18, MR19, TT17, TA16]. **QSPR** [VPGDP+14]. **QSPR-like** [VPGDP+14]. **QTL** [Boc12, SQZZ17]. **quadratic** [KF15]. **quadruplex** [DHB15, Dol19]. **quails** [ARB13]. **Qualia** [Esc11]. **Qualitative** [SAI14, CS18, Di 19b, KFW12, LvdBP12, SVA18]. **qualitatively** [FtL18]. **quality** [CXT19, GAB14, HMWB13, LTSTD15, LLH+13, RFME+12, SC10b, SB17]. **Quantal** [NHM10]. **Quantification** [HPP10, LCA+15, LDH+12, MZM+16, Nos14, PBS+12, DBG18, KCJ+11, LDB+14, PCB14, SMS19]. **quantifies** [CKZ+17, LAPK14]. **quantify** [Mar17b, RTR+13]. **Quantifying** [Boz15, CPW16, DP13a, GDF17, HPM+17, HHG14, IOK19, JRB+16, KSBvL+12, KHNM16, LL17a, LTP19, cLCJ+10, MB18a, NDZMA14,

PBB+15b, XW17, YBH+19]. **Quantitative** [BE14, FPR10, Oko16, RCL+10, SPMGR10, VH11b, Wil13, YM14, BKL+15, FSA15, FLR14, HL10, HP16, HT13, KAPR12, LN13, LvdBP12, MAMEA15, Mog15, MHH13, PWC+12, PFPR11, RKMG12, RCD16, SGGY10, SVA18]. **Quantum** [AOT+11, ABK+12, KDL16]. **Quantum-like** [AOT+11, ABK+12]. **quarantine** [DGRB13, TXY+12]. **quartets** [GK16]. **Quasi** [AGPK13, ALH10, MK11, SGB19, BKSW16, CXC18, DEK15, JRG14a, JRG14b, JRG14c, Lio18, Lio24, PM10a, RRÚJ19, ZWG10]. **quasi-balancing** [CXC18]. **quasi-equilibrium** [Lio18, Lio24]. **quasi-linkage** [RRÚJ19]. **Quasi-multiparameter** [MK11]. **Quasi-one-dimensional** [AGPK13]. **quasi-regular** [PM10a]. **Quasi-stationary** [ALH10, ZWG10]. **quasi-steady** [DEK15, JRG14a, JRG14b, JRG14c]. **quasi-steady-state** [BKSW16]. **Quasispecies** [BDS12, Dal17, LCG+15, MTNM12, SE10, TMM10]. **quasistable** [PJ18]. **quaternion** [RP18]. **queen** [SJSK18, STG17]. **Queller** [Mar11]. **Quercus** [AM10]. **quest** [JMZ13, Sal10]. **queues** [TF14]. **quiet** [SNCM12]. **quirks** [BFLS17]. **quorum** [BSL+17, FBK11, LDHD14, MKPVH16, NBW10, NBW11, RAF+14, RRC+11]. **quorum-sensing** [RAF+14].

r [LDB+14, LDB+14]. **R.Br.** [RAA+16]. **R1** [Ano14-47]. **R2** [Ano14-47]. **R2787H** [RMM+16b]. **R3P** [WMK14]. **R3P-Loc** [WMK14]. **R58Q** [MCL+11]. **rabbit** [GMS+13, Zha10a, Zha11, ZZ14a]. **Rabbits** [BH12]. **rabies** [BLS+12, HJR12, LLN+19]. **Rac1** [ABR11]. **race** [Coo16, IST11]. **radial** [BTO15, BHP17, BBS18b, Che10, Sat19]. **radially** [She10]. **radiation** [BKL+15, BGD+13, BCPM+16, HCK+11, LTZ17, LHD+17, PSD+18, PMCS16, Sel14b, SC16, WVO+15, ZG19, ZMS17]. **radiation-induced** [BKL+15, BGD+13, ZMS17]. **radical** [LL13a]. **radioactive** [BHH+14]. **radiobiological** [BBJ+10]. **Radiosensitive** [YBH+19]. **radiosensitivity** [BGD+13]. **radiotherapy** [BBJ+10, KBV11, MM19, OOY16, YBH+19]. **radius** [WGDZ18]. **raffle** [PIPB10]. **raider** [GSRR17]. **rain** [ADV+10]. **rainfall** [LDM16, STLJ18, VSD+17]. **raising** [MAW12]. **raltegravir** [CLPZ14, WML+17]. **ramp** [TSB10]. **Random** [ATB14, FBAPMD13, FCS18, Gol10b, MSIR10, Par15, AEZR+16, BP15, CML10, CC11b, Che10, GZ14a, GZ14b, GSF13, HMM16, HT16, HT10, JM12, JLX+16, JKS15, Kam11, KCM+11, KPK+13, KO18, LMCW18, MS14a, MKKS14, Mit17, MAA18, NIiT18a, NRKE18, QMJW15, Rey13, SFV16, Sch18, Sch21, SGD12, SVB+10, SLHS13, SPCM18, SK18, SY12, SN17, TGLK19, WMK14, Wax11b]. **random-walk** [CC11b]. **randomization** [NS13]. **randomly** [Fan11]. **randomness** [LTP19, MKBE17a, MKBE17b]. **Range** [PSD+18, AGGME18, BBS18b, CKNB19, CVO+15, FLM18, HBT13, HS14c, JP19, NG17, RN12, SGW+18]. **rangeland** [BCBD19]. **ranges** [AT10]. **ranging** [Pon12]. **RANK** [PZS+10]. **RANK-RANKL-OPG** [PZS+10]. **Ranking** [Hua12, TLY+19]. **rankings** [WF17]. **RANKL** [PZS+10]. **RAP** [Kri18]. **Rapid** [BTK15, GU13, HMM16, SYR11, XJ19]. **Rappaport** [Wol14].

Rare [HA15a, GZ19, HMM17, YI18b]. **rarely** [BM14]. **rat** [Pat19, TSF+19]. **ratchet** [WL10]. **Rate** [WS10, AY15, BBR16, BS15b, BS19a, BL14, CZT+16, CK15, CKB19, CCdS15, DGJ15, DHP11, FAFA17, Gia13, Hor13, KAZ11, KAZ13, KG15, Kit10, LG18, LLB+18, MZWC10, MC19, MB10, MKMT14, NSS16, PBYB18, PW18b, RU16, RRRRSPTR16, RBMPP+15, SS15d, SL17, SLJ+10, TP14, TSMB14, Tsu19, Van17a, Wal16, WST15, WZLW15]. **rate-dependent** [FAFA17]. **Rate-variation** [WS10]. **rates** [BGF+14, EBE14, FGH+14, FPdRdH10, GHBC14, HPM+17, HS12, HWHL15, Jia16, KFA12, Lan16, LKK13, Lev14, yTRSC13, NiTI18, NdMLLBLC13, NPH+12, NC15, O'F11, PBYB18, RDMP11, RBB+12, Sel10, SAZ+14, TTC10, WZ15, XLL+10, XKCG15, ZDF+12, vE11]. **rather** [Di 12]. **ratio** [AM10, Arg12, ALH10, Del12, IDM15, JV14, Jam16b, Kun16, LLW15, LXS15, LS14b, MCN10, MB12a, MS14d, NG11, PKZ12, Ram10, SS11, TEY10, UI13, YTK10, YK11]. **Rational** [BC19, LN13]. **rationality** [HS14b, XWZ10]. **Rationalizing** [Coh15a]. **ratios** [Jam11, Jam12, Jam13, MT14, NT14, NG11, TEW12, TEY16]. **rats** [LLB+18, SKK+11]. **RAW** [CHD+10]. **ray** [CZPC+18, ZZ14a]. **rays** [TRM+14]. **Rb** [CCS+16]. **RBC** [KTI18]. **RBSURFpred** [TAI+18]. **Re** [ER12, ASH15, DOC17, GGM15, HLTR19, Nak16a, dBE16]. **re-cycling** [Nak16a]. **re-emergence** [GGM15]. **re-entry** [DOC17]. **re-evaluation** [ASH15]. **Re-examining** [ER12]. **re-polarisation** [dBE16]. **re-sensitisation** [HLTR19]. **reactance** [Don16]. **Reaction** [PWL+11, SAB+19, BFS18, BMB+18a, Bro13, DGW+18, HS12, KS19, KBS+19, KBS+20, Kon11a, Kon11b, Kon12, MTE15, MSSM18, MF15, NGN13, NBC16a, NBC16b, OM10, OAS10, PP14, RV16, RSR11, SI19, SCF+12, SOBC12, TP10c, TWH+13, WZ18, YS14, YIS+17, YZX15, ZM10]. **Reaction-diffusion** [PWL+11, SAB+19, RV16, SOBC12]. **reactions** [FWMC14, KJ11b, LYF+15, NGN13, SHN12, Van17a, YI18a]. **Reactivated** [KEHK17]. **reactive** [VP18, VR17, WHS+13]. **reactivity** [ALH16, HWW+14, SDD15, XJ19, YCH+17a, YCH+17b]. **reactor** [AIY16]. **reading** [Mic14, Mic15a]. **real** [IL12, RRRTR10, TAI+18, ZKP15]. **realism** [ZGW16]. **Realistic** [XG12, GFM+19, PDG12, vTMW15]. **realistically** [DNB12]. **realities** [Mor16]. **realized** [HTM16, YI18a]. **realizing** [YDC+13]. **really** [LM15, Nic19]. **rearrangement** [ITN+11, SENS+17]. **reasoning** [LA12]. **recall** [DHT19]. **recapitulate** [DS19b]. **recapitulates** [SHB+17]. **RecBCD** [Xie18]. **receivers** [EM11]. **receiving** [LX16]. **recently** [Di 12]. **receptive** [BZ18, Pat19]. **Receptor** [BJJR10, Ken19, AES+13, BMF+18, GBC+16, GBIR13, Gri11, HP12, KG12, Kri18, LC16, ML11a, MBE11, NDG14, PBvdG10, RSI11, UAL10]. **receptor-2** [GBC+16]. **receptor-ligand** [KG12]. **receptor-mediated** [AES+13, UAL10]. **Receptors** [PJL14, AH12b, HPML18, MPS+11, OBK+11, PBBB10]. **recessive** [HTM16]. **Reciprocal** [PTNKT11, SC13a, SC13b, VDTF15, Mou12a]. **reciprocally** [PJ18]. **Reciprocity** [TP10a, TSM13a, BBD18, DGC11, GN15,

IM10, KV15, KI17, Kur17, Mas12, MJI14, NO14a, NO14b, OSN18, Pan11, PPBT11, Sig12, Syi14, TSM13b, US10, ZLY+17, vDRT14]. **Recognition** [FLM18, AC15, Bry13, CSR+05, GvVT14, HWW+14, IA17, LCG12, LDH+14, Lug15, LBS+14, LPD+16, MCL19, Nah14, New11, PDNP16, RSD+16, SRS+15, SLDP13, SPO+10, SM11b, SRAL12, Xie18]. **recognizing** [WSH+10]. **recoil** [RS12]. **recombinant** [DKP+18, MÇ15a, MÇ16b]. **recombination** [FM18, GKPB13, HG18b, JJ15, KII19, LLCC12, LXC15, MZWC10, MYK17, NK18, VDTF15, ZK18, dASdC+15]. **recombination-mutation** [FM18]. **recommendation** [HGM+16]. **Reconceiving** [Tau15]. **reconciled** [MN12]. **Reconciliation** [bCR19, SMC17]. **reconciliations** [bCRS17]. **reconfiguration** [LMdL11]. **reconsidered** [CA17]. **reconstruct** [LAJC19]. **reconstructed** [DRCL12, Hal12, Höh15, KCJ+11]. **Reconstructing** [CMPS17, NvD17]. **Reconstruction** [KSM+15, Lan16, ASP13, DG10a, Ell15, HB12b, Kae17, PWC+12, PPTC19, QYO10, RCD16, WH14, WSTL16, ZOG14]. **record** [Bue15, DRCL12]. **recordings** [For10]. **records** [TLS+13]. **recover** [ABLH18]. **recovered** [Gru18]. **recovery** [AGC18, Gou15, LG13, RJSC18, SSME10]. **recruiting** [Cro18]. **recruitment** [AdlPLMZ13, CDD12, Ezo19, QA15]. **rectification** [For10]. **Recurrence** [Nås12, FHM18, FLR14, OYY16, SGB19]. **recurrent** [BV12, TA13, VABS18]. **Recurring** [BKC+16]. **recursions** [RLBCJ13]. **recursive** [FIS11, FIS16a, LTL+15]. **recycling** [BWL12, SCS15]. **Red** [Fre10, DK13b, KCD11a, KCD11b, SPMGR10, STG17]. **redox** [FWMC14, SI19]. **reduce** [Hor13, SI11a, SS15b]. **Reduced** [HVL11, KJ11b, TD17, HY16, OPS+19, PWZ+19, ZGW16]. **reduces** [LP14]. **Reducing** [CK17, TAL19, LZY+15]. **reductase** [WLD+11]. **Reduction** [AENK12, VC11, AdGM12, BP18, BFH+15, BKSW16, GJ15b, KSP18, Kon11b, KLHS17, LWY+16, PAK11, PP12, PP14, QW11, RAD14, VG13, YYC19, ZS10]. **reductions** [MNH+12]. **redundancy** [JD16b, KPK+13, MJC+11]. **redundant** [HK14, YCR+15]. **reef** [JCLS+11, JCLS+21, TZ13]. **Reentrainment** [DB18]. **reentry** [RLSM17]. **Reference** [BS15a, BGF+14, Boz15, DLSD15]. **refilling** [dlRVFK+16]. **Refining** [ZOG14, SCKL15]. **reflection** [NBC16a, NBC16b]. **Reflections** [Jam13, Ser16]. **reflex** [Bac15]. **reformulation** [MC19]. **refractoriness** [MAS15b]. **Refractory** [CP14, HTK+18]. **refuge** [CGHF14, Coo16, Kři11, KP15]. **refuges** [Kři13]. **regarding** [JN14, JAHKH12, SS12b]. **regenerating** [CLHB11]. **regeneration** [LNRK11, MZMM+14, PGPD19, RJSC18]. **Regime** [PSV17, SI11b, AHKN10, CCdS15, JAB18, JRG14a, JRG14b, JRG14c, LW10a, LW10b, SI10b, SY15, Urs14]. **regimen** [LN13]. **regimens** [HL18]. **regimes** [AHD+18, HHT+19, PJ18, PBD11, Str17]. **Region** [CzST+18, WZJ+13, CJ12b, CW15b, JRR+12, JH12, PRM14, SRP16, YM14, ZLZ+15b]. **regional** [BVJE17, DL15a]. **regions** [DPCM16, KGM15b, LZMM15, MGO+15, RW16, RBRB16, SDRA+15,

TDM14, VH11a, VBHM+13, WSTL16]. **regraft** [BLS17a]. **regression** [HME12, HZL+11, KKD18, Mog15, TAI+18, WMK14, YW13a]. **regret** [EHSR17]. **regrets** [EHSR17]. **Regular** [CE17, CZJQ14, JC16, JKS15, LF10, PM10a, SAI14]. **regularity** [KKM12]. **regularization** [WcW14]. **regularized** [TAI+18]. **regulate** [HMJB15, ZBA18]. **regulated** [BB19, FP18, Hor11a, HgLL+10, JOM16, KTN+10, ZS10]. **regulates** [PEZ+13, Zhu11]. **regulating** [YAK17]. **Regulation** [AHW13, CLHB11, JSWY19, KP12, AMP12, ATI12, BPP+16, BHBH11, BK19, BHLH12, CFF12, CKD11, Das18, Deu18, Dil14, DM19, EdKM11, EBE17, EBSW17, FD17, FZL18, GHJ14, GTB10, GCO+11, GWW+18, GS17b, HTM16, HGB+13, HG18a, HMJB15, HBA17, IvdSW16, IU18, JAK19, JL16, JK12, LW12, MH11, MBF+15, Mic11, MMK16, MBK+11, NCS+13, NWWL17, PGLZ14, PWE15, PSK10, RZIR16, RW14a, Sat10, SK16a, SBR10, SCKL15, SC13a, SC13b, ST17b, UPWK15, VH11a, VLPH17, WM17, WD12, Wod18, WCHC11, WBB+18, Xie18]. **regulator** [Ber14, RLM+14, ZSCL16a, ZSCL16b]. **Regulatory** [LS13b, ML11b, OUMA10, SCS14, WML16, AEE19, AGS18, BCPL10, Bar19, BSM+14, CKF17, CSKZ19, DTGD19, DG10a, Fra19a, Fra19b, GML10, GJS+10, GGG12, Hal17, HCHI18, HL14, HXL16, HXL18a, JDPK15, JZL13, KSP18, LWH+11, LAH+16, LZL+17, MTKY11, MC16a, MMC19a, MBE10, MB14, MCL+11, MS10b, MFKS13, NS18, NMS10, OHWS18, OABI12, PAOMV17, PPBD10, PS13, PPM12, PMP13, QYO10, RLM+14, SI10a, SDD15, SCÁBM10, SCÁBM11, SDRA+15, SWTO15, Str15, TK10b, TLK19, Vel17, XSKA17]. **regulon** [AM12]. **reinforcement** [Mar19, MN11, Mor19, TM12]. **reinforces** [WFZW13]. **rejection** [EBE10]. **RelA** [HSiI+19]. **relapse** [HP16, Mal10]. **Relapses** [CB13a]. **related** [ÅCHS19, BTR18, FLGGD+14, GY19, Gol10a, Gol16, HKS15, HZL+13, KLHS17, LCT11, LBZ18, MCRG18, RAA+16, ZMT11]. **Relatedness** [TG10]. **Relating** [Pon12]. **relation** [Das18, Fil15, GS10, LWH+11, LP12a, NGN13, TP14, WCF12, ZGG+19, vNÁBG12]. **relations** [All11, BLZ+19, Fre10, KFG+14, MT14, PDG12, Sin15]. **Relationship** [CCS+16, IOY15, BAGG14, DBBW09, DBBW11, FSA15, GZT12, GLZ+11, GABM12, GZY12, KTI18, Kri18, KSPA17, LL17a, LV17, LL13a, MGO+15, MK16a, MW14, SKK+11, WC10]. **Relationships** [Miy17, FD18, FB18a, FR13a, Gla13, HZL+13, MZWC10, MI19, NdORC11, PGLZ14, PHC12, TLM14, TZY18, THM10, dBB14b, dBJ11]. **relative** [AK11, BI10, HGHL10, KG12, PBYB18, PBB+15b, SM10b]. **relatives** [AN15]. **Relativity** [BAM+11]. **relaxation** [KFG+14, WHWZ18]. **relaxed** [KHX+19, Smi14, Wol14]. **relay** [HZG+17]. **release** [BTO14, BAR14, CPS10, CSM+14, DDF+14, HYN19, LL18, TK10a, WMN18, dLMV+10, dLMD+11]. **releases** [IH17, TTC10, ZLT+19]. **releasing** [CTJ10]. **relevance** [CDGV10, DS10b, GE18, Gol10a, JD16b, KPK+13]. **relevant** [AL17, APW10]. **reliability** [ML11a, PM15, ZOG14]. **reliable**

[DQS+15, JP13]. **reliably** [ANY14]. **religions** [DI10b]. **relocalization** [BGD+13]. **REM** [PRK13]. **REM/NREM** [PRK13]. **remaining** [OA15]. **remarks** [Cho11]. **rematching** [QMJW15]. **remedies** [YBC17]. **remigration** [NSO15]. **remodeling** [CPF+13, EJK16, HHMT19, Mic11, PZS+10, RM17d]. **remodelling** [FGAM12, NF14a]. **remopleuridid** [SKSO12]. **removal** [EB15, Jia16, UBP12]. **Renaissance** [DGRB13]. **rendezvous** [FH13a]. **René** [TK19]. **renegade** [Har15]. **renewable** [TSL12]. **Renormalization** [HB10]. **reoccurring** [VAT18]. **reorganization** [CMCS18]. **reorientation** [Kro10]. **repair** [BCKS13, BKL+15, BKPV15, RFM+12, SGAM12, TALC16]. **repeated** [IM18, JR17b, Kur19, KBF18, RZ16, TP10a, MI19]. **repeats** [Sel15b, WDH+16, Yin17]. **repercussions** [TGZF11]. **reperfusion** [MYK+11, PNP+16]. **repertoire** [GZT12, KFG15, SLvdBMP10, XJ19]. **repertoires** [RSI11]. **replacement** [MMB14]. **replacements** [BWM+19]. **replanting** [CLK18]. **replica** [XYZ15]. **replica-exchange** [XYZ15]. **replicase** [SHH15]. **replicating** [AIY16, Mau15, SG18]. **replication** [FLA+19, GN10, JS15, KDK14a, KDK14b, NS11, Nak12, Nak16a, OF10, PBB+15b, Sel14b, TH17, ZS12]. **replicative** [Hor13, HZW+14]. **Replicator** [CKS15, Hau10, SU11, AY15, BYJ17, Gou16, KGC18, MB16, vV11a]. **replicator-mutator** [Gou16]. **reply** [DSF11, Di 14b, LE19, vV11b]. **repolarization** [PW18b]. **Repopulation** [EUM+16]. **reported** [Jam11]. **reporting** [Rao12]. **Representation** [BB13, BWS10, DGL12, DDLW10, aHLZ+12, JLQ+19, JSF+11, MM12, SCS10, WXC10, WRWX19, ZKHL16]. **representations** [Mal15, XM11]. **representing** [SBSR13]. **repressilator** [Dil14]. **repressing** [SLS17]. **repression** [UK17]. **reproduce** [Wu14]. **reproduced** [Nak16a]. **reproduces** [ZBA14]. **Reproducibility** [JSP+16]. **reproducing** [OFT15]. **Reproduction** [LP14, AM10, CH11, Cro17, EHSR17, EBS11, EEHMH18, Fil15, Fis19, Fre10, GBRS19, HHA+13, LRH15, MO12, NR14, PBB10, PLF18, QA15, SRV11, SSD11b]. **Reproductive** [Mac14, SR10, CH11, FS12, Gar14, Gra14, Hal17, Jam15, KD16, KSKS13, LLW15, MCN10, MS13, Non10, PMD11, RRR15, SRV11, SS11, WDL+13, YK11, YY18]. **reptiles** [PC17]. **Republic** [EN15, KLJ17, KJ19, LCJ16, LCJ18, OL19]. **repulsive** [KAN11, TBQG14]. **reputation** [Hau10, Mas12]. **Reputations** [TSM13a, TSM13b]. **required** [Yam16a]. **requirement** [SBB18]. **requirements** [BFS18]. **rerio** [Hal17]. **resampling** [JZ17]. **Rescorla** [TMHM12]. **rescue** [Oht12, WSVT14]. **rescuing** [SBB14]. **research** [Ano19-50, KSBvL+12]. **reserve** [MHC16]. **reserve-utilization** [MHC16]. **reserves** [NNvdB17]. **reservoir** [BFH+15, VABS18, WR14]. **reservoirs** [KGK10]. **reset** [FW15]. **resetting** [AUE15, Opr10, WTZ+11]. **resided** [YLWZ10]. **Residence** [DD10, LCC15, MMC19b]. **residency** [MGS16]. **resident** [DG16, JD16a, JD16b]. **resident-invader** [DG16]. **residual** [Ren13, ZR16]. **Residue** [EG12, HYZS14, AKR+18, HH13, JR17a, QW12, QQJW13]. **residues**

[KB11, KGM15b, LBS+14, MS14a, MPY14, PDM17, SLT+18, Zho11]. **Resilience** [ALH16, VL11, BS19b, KPG19, RW14a, SY15, WB19]. **Resin** [Cab18]. **Resistance** [WPA17, ACMK12, ABA11, CDO17, CL17a, Che16, CGW18, EJ16, FM10, FM14a, GSYS10, GY19, Goe15, GA14, HNP18, HT18, HPvdB17, HLTR19, JSF+11, Kle14, LWRE14, LvdBP12, MPM10, MB18a, NAK+11, SBM+16, Sch17, Sch23, SS11, TB15, VL11, WSVT14, XSMF12]. **resistant** [Car17, CL18, CBGS18, LP19, PDW10, TDKJ15, WMN18]. **resistivity** [Tak17a]. **resistivity/conductivity** [Tak17a]. **resolution** [ASL+18, CZPC+18, NGND12, ZSW11, vdBD10]. **resolve** [JEA18, KMMS17, MRPN12, Tjø10, WMD+11]. **resolved** [Ste13]. **resolving** [SL17]. **resonance** [BDLR12, CE17, GL12b, IDI11, LL13b]. **resonant** [GP11b]. **resorption** [FGAM12]. **resorptive** [CLA+16]. **Resource** [DBB14a, GSRR17, AR11, AdVG15, GCZ+12, GW14, HMTA17, IL13, KB15, MG14b, MLT10, RC11, Rev15, RB13, SCH+19a, SSD11b, SSD12, SB17, SY12, SA14, TSL12, TLW18, TRJD19, WD11, YSST13, tBdR18]. **resource-based** [Rev15]. **resource-consumer** [SSD12]. **resources** [BV13, GW14, HWGW18, KRSD11, LJI17, RC11, SMG18, SJK18, VK10]. **respect** [BAM+15, SMG18]. **respectively** [SGD+16]. **respiratory** [BTK14, CXT19, Don16, EAN14, JB19b, LCJ16, Str13]. **responds** [BBS18b, Lai18]. **responds-promote** [Lai18]. **Response** [JAHKH12, KSK+11, SNC12, ARG14, AJD11, ABV19, ARD14, ABN15, AHAFA14, BBJ+10, BS13, BPPC15, BPLM12, BPGS12a, BPGS12b, BKPV15, BAM+11, CKB18, CNM+13, CMJD11, DFS11, DLSD15, DHT19, Eli17, FMLM12, FM15b, FHS+14, FGJ10, GVCG12, GVGC15, GG12, GG14, Har15, HBVP15, JB18a, KHH10, KHS13, KB19, KMN16, Kor18, KP16, LDHD14, LMYL15, LNH13, LvdBP12, LG12, Lüt16, MCL19, Mal17, MG10b, Mor10b, NKB16b, NBW11, OM10, OFT15, OHWS18, PDG17, PGHC12, PMKS+15, RZRSC19, RGA+10, RTFP+17, RG10, RPD14, RTEKG15, RTEKG19b, RZIR16, RW12, RDTHSM13, Sat10, SCLA10, SBSR13, SR12, SMA11, SVA18, SH16, SKD+10, SW19, SSKK17, Str15, TCH14, TALC16, VAG16, VBVD17, WPH+12, YCH+17a, YCH+17b, YFB+12, ZCSRG12, ZZL+11, ZLM12, ZSCL16a, ZSCL16b, vLBJ+13]. **response/signaling** [YFB+12]. **responses** [AF10, Abr14, ABLH18, CML11, CB10b, CTL+15, DS13, GGQ+12, GS13a, GS14, JDPK15, Jen10, JSDEK14, KC14, LLTP19, LCMC14, Lüt16, ME15, MBBV14, PP17b, Rev15, RBB+12, RR12, WDH+11]. **responsiveness** [PDT+10, SN17]. **rest** [TKTB18]. **rest-inserted** [TKTB18]. **restitution** [WMT15]. **Restoration** [GDB+19, MI11b]. **restore** [KP16]. **restored** [MH17]. **restorer** [YYB+19]. **restoring** [RRL+13]. **Restricted** [MR11a, SHN12, BYY+11, HRCA19, MBCM12]. **Restriction** [ESG10, KDL16, RTR+13, SGS15]. **Restriction-modification** [ESG10]. **restuans** [YMZ18]. **result** [KK18, Wax11a, WWB14]. **resulting** [Alv18, IU18, KKS+14, MPLK14]. **Results** [CCB11a, LHD+17, Smi11, ACM16, IMH15, MS14b, NSK13, PM10a, RGA+10, RG10, SW17, VPFV13]. **resurgence** [ZLCH18]. **Retaliation** [Wol12]. **retardation** [CKZ+17]. **rete**

[OB15]. **retention** [ADC19]. **retentive** [FMS+10]. **Rethinking** [GAGP+14, RD17]. **reticular** [DL12b, DL16]. **reticulum** [SGGHS19]. **retinal** [DFG+18b]. **retinitis** [CW13, CPW16, RGL+17]. **Retinogenesis** [BF15]. **retinol** [NHTS14]. **RETRACTED** [BBM+97, BBM+13c, GZ14a]. **Retraction** [BBM+13c, GZ14b]. **Retroactivity** [PHÁBAI+16]. **retrospective** [LCJ16]. **retrotransposons** [BWP10]. **retroviral** [VDD12]. **retrovirus** [WHZ+17]. **retroviruses** [LHL+14]. **returns** [FOT+15, WSW10]. **Retz** [RAA+16]. **reveal** [APW10, GRB+13, LPS+14, MSN14, SHN12, SS15a, SBMH10, TWR+18]. **Revealed** [PS13, SYY17a, SYY17b]. **Revealing** [HII+19, KSP+14, Sha14]. **reveals** [BPC15, BGCB12, DLEMP19, EKvdKvFK13, FB12, GLZ+11, GSS19, HPM+17, HS14a, KBF18, LMM+13, Luo14, SW19, WLL+14]. **Revenue** [TLW18]. **Revenue-sharing** [TLW18]. **reversal** [EA19, Gal11a, gSxFH+12, SBB18]. **Reverse** [RGBR17, TP10c, TVA18, KSP18, LMM+13, NdlPZA10, SWTO15]. **Reverse-engineering** [TP10c]. **Reversibility** [TP10b]. **Reversible** [SMD+16, CWF+16, CK15, UBP12, YS14]. **reversion** [CST16]. **Review** [AS12, WH14, BCPM+16, Bur19, GBJ18, PBSM19, SBP13]. **revised** [JLH15a, KFG+14]. **Revising** [MMB14]. **revisited** [ASGE14, AN15, AR17, CNG+12, CB13b, DGJ14, FDM+11, Goe15, GGR11, HMM17, IRS11, JLH15a, KV15, LDB+14, MMB11, SDJ+15, WWY12, Wol11, XF13, XG12]. **Revisiting** [BA19, BK19, BCK19, FS11b, GGG19, GHBC14, Gre15, Sat17, TP10a]. **revival** [HAB+17]. **reward** [Hau10, RM17a, SU11]. **Rewarding** [WSP14, CGD13]. **rewards** [IOY15]. **Reynolds** [HM11a, LS10b, SV14]. **RFCRYS** [JM12]. **rhamnosus** [RZIR16]. **rhesus** [WVO+15, HII+19]. **Rheumatoid** [MF19]. **Rhinonicteris** [AK11]. **rhinovirus** [AK13]. **rhythm** [HBVP15, LW12]. **rhythms** [GI15, KA16, SCLA10]. **ribosomal** [KMLT14, KPLT14, RBRB16, Xie13a, ZLZ+16, ZLB13]. **Ribosome** [SC11a, BBRT12, RBRB15, RBRB16, SV14, Xie13b, Xie15]. **Ribosomes** [RBRB16]. **riboswitch** [GWW+18, XYZ15, dS15a]. **riboswitch-binding** [dS15a]. **rice** [DXW+16, JSF+11]. **rich** [CT14b, KB11, MBCM12]. **richardii** [SH17]. **Richards** [TT10a, WWY12]. **Richards-model** [TT10a]. **Richardson** [NBW11]. **richness** [DSA+16, MB15]. **ridge** [KC13, WMK14]. **rifampin** [GBJ+11]. **Rift** [XSCS12]. **right** [Arc11, Mar11, Pan11, SLL18, SWSLMJ19]. **rigidity** [POP+19, THBM10]. **rigorous** [DHK13, Shu13]. **RIIIb** [OBK+11]. **Riluzole** [BGCB12]. **ring** [ACvKA10, CMB+12, Hor11b, KHB+18, Opr10, Pag19, SYSM11, Sht17]. **rings** [DS19b]. **riparian** [TCR13]. **rise** [Laz13, SAB17]. **rises** [JV14]. **Risk** [HYSG19, cSGFB17, Ada16, BZ10, EMM10, FLR14, HYN19, HN19, HZL+11, HvLPdB15, HRG11, IMW15, JPBM17, KOS13, KKUM10, Lar10, MDE11, MSBB13, MPLK14, PBB10, PGF11, RT19, SI11a, SP11, TDZ+18, TCB13, UI13]. **risk-averse** [MSBB13]. **risks** [TLS+13, ZZX+16]. **river** [MBRRI19]. **riverine** [JB18a]. **rivers** [LS11b]. **RNA**

[AH18, AEZR+16, BS19a, BB13, CLC11, CDC18, CzST+18, CKS15, Das18, DS19b, Deu18, DHBS19, Di 12, DMCP14, Dun11, Fan11, Fra16, FYZ15, JSZ12, JWS+10, Koe15, KIT+16, LL12, LTP19, LZMM15, MMY+12, MWSM13, Mas18, Mau15, MMCZM12, Nah14, Nak12, NKB16a, PDM17, RBR18, Rou14, SIK+18, SE10, Sel12a, Sel16, Sos18, SM11a, TTC19, TXCW15, TI12b, TH17, WYL+19, WSK+19, dS15a]. **RNA-assisted** [BB13]. **RNA-binding** [JSZ12]. **RNA-guided** [TXCW15]. **RNA-protein** [AEZR+16, MMY+12, WYL+19]. **RNA-RNA** [MMCZM12]. **RNA-world** [CKS15]. **RNA/protein** [dS15a]. **RNAs** [CM17, DMCP14, FZL18, GMZM15, Sel13, VHS17]. **RNase** [ACdlRMR+11]. **RNN** [MP12]. **Ro** [AP13a, BFGS10]. **Roadmap** [GM17]. **Robert** [HS16, CB15]. **Robust** [Fra19b, GCO+11, LWW14, TW13, BWM+19, Fra19a, GSN+11, Hir16, iHIM12, pNMK+10, PJ13, RG12, SCÁBM10, SCÁBM11, TF15, YM16]. **robustly** [TM16]. **Robustness** [BV13, ITO16, AUE15, BBJDS11, CZ14, GJS+10, GSS19, HH14, IMA14, KSvdH18, LKO+17, MK11, MH17, PCC16, PPM12, PMP13, SGD12, SI11b, SJK18, UPWK15, WB10]. **rock** [BMdA17, Mob10, NIiT18b, NiTI18, NIiT19]. **rock-paper-scissors** [BMdA17, Mob10, NIiT18b, NIiT19]. **rock-scissors-paper** [NiTI18]. **rodent** [AGPK13, SWG+15]. **Rogers** [KMMS17]. **rogue** [SAG19]. **Role** [ABR19, ARG17, Ber14, GCYL18, Jam16a, KSSM11, KSP12, KB10b, LHV16, MK18b, PR17, RD12, SCH+19a, SSV+15, YX15, dG10b, AZOLVH18, AEE19, APS+13, ABKS11, AdlPLMZ13, AGC18, AN13, AK11, AIB+19, BA10, Bar19, BZ18, BCKS13, BRN15, BLNR15, BN12, BPR15, BPLM12, BLS+17b, CRGS18, Cam11, CT14a, CFF12, CST16, CW11c, CFGRB17, CSB15, Cle18a, CV19, Cor18, Di 17a, DBD16, DFC+12, EdKM11, EKvdKvFK13, GWNW15, GML10, Gru18, dOGL10, dOGL13, HJLNZ11, HLI15, Höh15, KCZ+19, KSP+14, KAZ11, KPD18, KPS17, KC11a, KGM15b, KST17, LS16a, LCCC10, LCC15, LPGTBMA19, LLD+17, LBF13, LVLC18, MCL19, Mal10, MM19, MGCL13, MKMT14, MPZK16, MGB17, MK14d, MBKB13, MH14, NCS+13, NG17, PR18, PKZ12, PA15, PZS+10, PBKR13, PRM12, PBA12, RTRRS+17, RFS+15, RPGG+19]. **role** [RKK+19, RBKW19, SDD15, SPLP12, SAB+19, SV14, SAGAGB17, SW13b, SW19, SM11b, Tox17, Unc11, WKB13, WMT15, Wol12, WSM12, ZHAK14, ZGS+10, ZFWK17, dSKBS10, dBE16, vNÁBG12]. **Roles** [SZ18, ZZS19, BN15, CDGV10, GH11, GK10, HSiI+19, HKS15, MNSZ16, MHMM11, PM11a, RAMS11, TC11, TWB16, WLL+14]. **root** [BBS18b, Che16, DKP+18, Di 19b, DV12, FM14b, MBK+11, MBKB13, MLL+16, PMKM10, TP14, TLR14]. **rooted** [Kae17, Mul11, Mul12]. **roots** [FM13, SSF15, VW10]. **rorqual** [PGS10]. **ROS** [SAB+19, XCW+18]. **Rosen** [HS16, CB15, PWG16]. **Rössler** [BA19]. **rostrum** [IST11]. **rotating** [CC10, KNT10, VDH+15]. **rotation** [CJ12b, Cle18a]. **Rotational** [MED12]. **rough** [CZW+11, CKNB19]. **roughness** [PIT12, QA15]. **route** [Lio18, Lio24, Sil16]. **routes** [HB12b, MSB16, SPRF13]. **routine** [Hou16]. **rpiCOOL** [AEZR+16]. **rRNA** [WSTL16, WZ17]. **rRNAs** [RBRB16].

RRSM [HW11, HW13]. **RSV** [GPD18]. **rule** [AW12, Fer11, HCS+19, HKR+19, IDI11, Mar11, MS14d, NMZ19, Ros10a, SFD12, SSD12, TMHM12, Voe18, ZZC10, ZLY+17, vV11b, vVAH+17, Tay16b]. **ruler** [Kee10]. **rules** [CC10, GG16, JD13, Lug15, MKJS13, MB18c, Pan11, PMW12, SHM+18, Tak16, US10, WM17, WMT10, ZZRZ11]. **rumen** [WJL+16, vLFM+19]. **ruminant** [HFD17]. **Run** [AA12, Ran12]. **Run-and-tumble** [AA12]. **runaway** [NPB13]. **running** [ARB13, BBJDS11, Fue14, Fue15, Fue16, LGR+12, SS18]. **rural** [LG18]. **Russia** [AL17]. **rust** [LK15]. **ryanodine** [Gri11].

S [BD10b, JAM18, JZ17, JW18, Pan19, HKR+19, KGM15b, WZM19, ZNA+16]. **S-FLN** [JAM18]. **S-glutathionylation** [ZNA+16]. **S-loop** [KGM15b]. **S-prenylation** [HKR+19]. **S-sulfenylation** [JZ17, JW18, WZM19]. **S-SulfPred** [JZ17]. **s.s** [ÅCHS19]. **S2** [KGM15b]. **SAAC** [AH18, AHJ18b, HK12]. **Saccharomyces** [AM12, BLP10, HZW+14, LLCC12, LXC15, OB10, SSJK18, TK10b]. **saddle** [SSN+14]. **saddle-point** [SSN+14]. **safety** [FGLS10]. **Saharan** [MS16]. **SAIR** [Gru18]. **Sakishima** [SFT14]. **saliva** [HR12, PSS+10, PSP+12, PSS+13, dLMD+11]. **salmon** [GDJC11, HIT18, SGCD14, SWD16]. **Salmonella** [LPS+14, SPSM15, SBSR13, ZVMB10]. **salt** [FM13, FM15b]. **SAM** [XYZ15]. **SAM-II** [XYZ15]. **same** [BHBR12, CRV16, CB15, KBK16]. **sample** [Bar16, WSW10]. **samples** [GZT15, WCC14]. **Sampling** [BGLR+19, CC11b, Sta10, JHE15a, JHE15b, LAS14, MSP19, MM18, NTFK11, SSP15, SS15d, WHL13]. **Sampling-through-time** [Sta10]. **sanctioning** [SHBT14]. **Sanctions** [SHBT14, NSKO18]. **sapiens** [KHH+17]. **sapwood** [WCF12]. **sarcomas** [lGLLL14]. **sarcomere** [Giv10, TSB10, ZPM+15]. **sarcomerogenesis** [GAPK10]. **sarcoplasmic** [SGGHS19]. **sarcoplasmic-reticulum** [SGGHS19]. **sarcoptic** [BCF19]. **SAT** [MKF+14]. **satellite** [GMOP12]. **satellites** [RGP13]. **satiety** [DZJR10]. **saturation** [CMS+19]. **Savanna** [DAVS11, ADV+10, Urs14, VLCM10]. **savannas** [DDS13, MGCL13, STLJ18]. **saving** [TTW13]. **savings** [MPJH13]. **scaffold** [BBDB13, HHA17]. **scaffolding** [KFL12, Smi14]. **scalable** [MC19]. **Scalar** [OABB18, RWH16, QA15]. **Scale** [BAM+11, BP15, BVJE17, BC15, CAGM+17, CL17b, CDC18, CMJD11, Cox10, EBP15, FMS+12, FGGT15, Giv10, GJS+10, HXL16, HY10, ITO16, Ing16, KCZ+19, KPD18, KSKS13, LKL13, LDB+14, Mac11, MAM16, Mei14, Mic14, Mic15a, MP13c, MLL+16, Ots11, PAK11, PBD13, PMSY17, RA10, Rev15, SH15, TvMG16, TB16, WZ17, WGC13, XLSF19, dlCGSA16]. **scale-free** [BC15, GJS+10, KSKS13, LKL13, XLSF19]. **scales** [BBWS+13, DLSD15, GABM12, GHS18, GHS20, MSIR10, NGND12, NP15, TZ11]. **Scaling** [CNM+13, LLTP19, PGS10, RV16, RHS14a, ZG10a, ZG10b, BZN17,

BS13, BDE+14, DSF11, DCR18, GMMGVD12, Gla13, LLLV11, Mac11, Rei12, TKKE19]. **scallop** [WL13]. **scan** [BR16]. **scapularis** [DB11, WDL+13, DDSDW13]. **scar** [PD16, YWP13]. **scarce** [BC15]. **scattering** [SHB+17]. **scenario** [BP16]. **scenarios** [BHH+14, PGGvL+19, QF10, RMF+18, SS15d]. **scenes** [BZ18]. **SCFG** [MWSM13]. **SCFG-modeled** [MWSM13]. **scFv** [MNSZ16]. **schedule** [MB12a, OT13]. **schedules** [BI10, FM10]. **scheduling** [BH13c, GSSBF18, LF19, MSBB13, NH19]. **scheme** [DZJR10, FP18, Mil11]. **schistosomiasis** [MCC+17]. **schizophrenia** [SST19]. **Schlögl** [Fra16]. **school** [NTY16]. **SCID** [CS14b]. **science** [MPCTGJ+15, Ros10a]. **scissors** [BMdA17, Mob10, NIiT18b, NiTI18, NIiT19]. **Sclerosis** [SHG16, BGCB12, KKS+14]. **scope** [HL10, KCE+11]. **scores** [DTY12, ZLW+19]. **scoring** [DLL+17, FP18, KHK+17, MIH16, QLC+18, SLDP13, WYX+17]. **Scorpion** [DS10b]. **Scoters** [Luk14]. **Scots** [CRLH+19]. **scrambled** [BKC+16]. **scratch** [JSP+16, JRB+16]. **screening** [BYY+11, GBC+16, KJM17, Kha10, KMLT14, KPLT14, NM11, SBR16, TVA18]. **screenings** [LCT11]. **sea** [LLLV11, NSO15, SCS14, vHHKB14]. **seabird** [PFB10]. **seagrass** [Alv19]. **seahorses** [RVA+11]. **seal** [HH10, SH17]. **sealing** [KHB+18, KFS+13, XWW+19]. **search** [BH13a, CCAdS13, HG18a, LFB+16, LDWW14, RSC14, RW15b, RPCW18, SM11a, VM12, WSW10]. **searching** [BC15, HS14c, TBQG14, XJ19]. **seashells** [MGC12]. **season** [HHE19]. **Seasonal** [CSLE11, TWS15, BI10, BI12, BG12, BM10, BTW11, DFM+14, ECP+16, GCG14, LKK13, OS13, OVKL14, PLF19, TA13, VR17]. **Seasonality** [MGT17, TF16, UD10, ABKS11, CB13a, CH18, HAK+19, LHV16, OA11]. **seasonally** [GA15, LC17, TGZF11, US12]. **seaweed** [MJV16]. **seaweeds** [MR10]. **second** [ARM18, CW14, HK16, KK15, PVCEC18, RLM+14, Zhe16]. **second-hand** [PVCEC18]. **second-order** [CW14]. **Secondary** [Alv19, ABKS11, CM17, FYZ15, HWHL15, IIKH16, KBK16, KZL14, KF15, LRL+16, LJ10, LZMM15, PM14, STN19a, SAGC12, WDH+16, ZKHL16]. **secreted** [LZ18, YGL+10]. **secretion** [GTB10, NF16, PSS+10, PSP+12, PSS+13, SW13b, SW19, WTC10]. **secretory** [Hua12]. **SecretP** [YGL+10]. **section** [WCF12]. **sectional** [KKOM18]. **sections** [KCJ+11]. **sedentary** [YSYI13]. **sediment** [JCLS+11, JCLS+21]. **seed** [BTG+15, BS19b, GCvWE+14, KKWA18, LHD+17, MK14c, ST17a, TI13]. **seed-bank** [GCvWE+14]. **seeding** [TI13]. **seeds** [Alv19, SIHO15]. **seek** [ZLT+19]. **segment** [vE11]. **segmentally** [Sat19]. **segmentation** [CHL+11]. **segmented** [HME12, Hua16]. **segments** [dSMP+11]. **segregation** [LCTG15, RA13, Rad16]. **SEIAR** [MZAI19]. **seismic** [BJB18]. **seizure** [DSLR18]. **seizures** [HZG+17, MGB17]. **select** [BWB11, Ghu18, LGPS17]. **selectable** [Mor11]. **selected** [DKP+18, LT14, PCB14, PBKR13]. **Selection** [FGLS10, Gra18, LE19, Miy16, Miy17, OKVN18, Rey13, YA14, AH19, ACH18,

AHP+19, Ano19-50, AM11, BWB11, Bon12, BWL12, CL18, CB17a, CNDK15, CS15b, Cro18, Cro17, CB10c, Del12, DEG+14, GCM14, Gar11, GL18b, Gri19, lGLLL14, GGCJ16, HTN14, HPvdB17, HG18b, HCS+19, HT10, HT13, JSZ12, JZ17, JD16b, JSP+16, JJ15, JW18, KKD18, KPK+13, KHX+19, KS14, KF11, LHD15, LZA+19, LvBJ16, LTS+16, Lio18, Lio24, LPF11, LDH+14, Luo14, MS14a, MMH10, MSN14, MO12, MK16a, MFZ18, MB16, MB19, MM18, Mun12, NKM+12, NPS10, NI19, NPB13, NPS17, NPS18, Orr19, OGO19, PD13, PGG+15, RM17b, Rei12, RRÚJ19, RG12, SC10a, Sal10, SL10, SSM15, SFD12, Sim14, SD16, Soz13, Tak17b, TGL15, Tos11, TMHM12, Uit11, VDTF15, jWlGQ19, WYL+19, WWB14, Woo10, Yam16a, YHZ14]. **selection** [ZFWK17, ZW16, vVGSE12, vVLS14, vV18, vTMW15]. **selective** [KGB13, MPLK14, SG15b, TA16]. **selectively** [HA15b]. **selenol** [KIH16]. **Self** [EdKM11, Kue16, LPB17, LS15b, LYM+19, MDS16, PD13, QLZQ11, Rei12, RA18, VY12, ABD+15, AY15, AIY16, CJ12b, CDD12, DPRSS11, Fan11, FWSG17, GMK18, IU18, JOM16, KHB+18, KKG+14, KFS+13, Lar10, MMJB17, Mau15, MBBD13, Mic15b, OF10, Pai19, PCBMM12, RL15, Sel16, SHM+18, SLS17, SG18, TDT16, VSLVB15, Vel17, WD12, ZCAB17, Coh15b, LPB18]. **self-** [OF10]. **self-assembly** [FWSG17]. **Self-binding** [LYM+19]. **self-complementary** [Mic15b]. **self-directed** [ABD+15]. **Self-extinction** [PD13]. **self-hybridization** [Sel16]. **self-incompatibility** [VSLVB15]. **self-interactions** [ZCAB17]. **self-maintenance** [PCBMM12]. **self-matching** [MBBD13]. **Self-mechanical** [Kue16]. **self-organisation** [KKG+14, MMJB17, Pai19]. **Self-organization** [LS15b, MDS16, DPRSS11, SHM+18]. **Self-organized** [VY12, CDD12, IU18]. **self-organizing** [GMK18]. **self-paired** [Fan11]. **self-propel** [RL15]. **self-regulated** [JOM16]. **Self-regulation** [EdKM11, WD12]. **self-regulatory** [Vel17]. **self-replicating** [AIY16, Mau15, SG18]. **self-replicator** [AY15]. **self-repressing** [SLS17]. **self-sealing** [KHB+18, KFS+13]. **Self-similarity** [QLZQ11, Rei12]. **self-support** [TDT16]. **Self-sustaining** [RA18]. **self-thinning** [Lar10]. **Self-tolerance** [LPB17, LPB18]. **selfing** [VDTF15, YYB+19]. **Selfish** [CW14, ASS19, GCM17b, OO17a]. **Selfishness** [SS12b, ZSS10, SC12]. **Semantic** [ZHC10, ZT16]. **semi** [BS19b, SAKG13, VG13, ZNCM15]. **semi-deserts** [BS19b]. **semi-mechanistic** [SAKG13]. **semi-stochastic** [VG13]. **semi-supervised** [ZNCM15]. **Seminal** [KGM15b, WZ18]. **senescence** [DKS15, DBB14a, EBX17, WWB14]. **sense** [LLSO13, STH18]. **sensing** [BSL+17, Chu17, FBK11, GSS19, KAN11, LDHD14, MKPVH16, NBW10, NBW11, ONO15, PLHL19, RAF+14, RRC+11]. **sensitisation** [HLTR19]. **sensitive** [CW11c, JZ17, LSP13, TSMB14, YI18a]. **sensitivities** [BV13, YIS+17]. **Sensitivity** [GZFX14, MF15, WST15, AKNP18, CCS+16, CNG+12, CMN+11, DJD10, DDSDW13, FDM+11, FR17, KMM18, KLHS17, Lug15, MK11, MBBV14]. **sensor** [GT15]. **sensors** [KTN+10]. **Sensory** [CV15, BA10]. **sentences** [FIS11, FIS16a]. **sentimental** [ZSW+14]. **separate** [XY14]. **separated**

[Di 12, PP14]. **separation** [PAK11, SNY+13, YS14]. **Sepsis** [CA17]. **septa** [HWM+16]. **septal** [HWMT17]. **September** [Ano10-29, Ano10-36, Ano11-34, Ano11-38, Ano12-29, Ano12-39, Ano13-39, Ano13-36, Ano14-37, Ano14-41, Ano15-45, Ano16-46, Ano17-31, Ano17-38, Ano18-47, Ano18-31, Ano19-48, Ano19-34]. **Sequence** [AP13b, CJ12a, DGL12, DSPM14, JM12, LLL+17, LLCC12, MS14a, PDM17, AH12b, BMSEE14, CLL18, DLYZ11, DYS+13, DZW10, ESW13, EJ16, Fer12, GKPB13, GGX+10, dOGL10, dOGL13, GAB14, HA15a, HK11a, HKR+19, JAM18, KCM+11, KG15, Kin18, LGK+09, LGK+12, LL13a, LWL+11, LlLYB13, MGO+15, Miy17, MP14b, NGND12, NBL10, PMYHR12, RBMS17, SIK+18, She11b, SSP15, SLT+18, Tri10, WSH+10, WSK+19, WZY14, WS10, WGDZ18, XLL+10, XSLZ16, YW13b, YCY14, YC15, YLF+17, ZPHS11, ZLZ+15b, ZLZ+16, pZWZ+16, ZNA+16, dBJ11]. **Sequence-based** [DSPM14, JM12, MS14a, PDM17, HKR+19, JAM18, MP14b, RBMS17, YC15]. **Sequence-dependent** [LLCC12]. **sequence-derived** [KCM+11, ZNA+16]. **sequence-protein** [dBJ11]. **sequence-specific** [Fer12]. **Sequences** [SBT+18, AH18, Boz15, Bry13, CBL14, CK16, CL17b, DDLW10, DLYW13, FHW+10, FS15a, FS16a, GKNT10, aHLZ+12, HLHY17, HYZ+15, HZWH10, HZLX11, HYW11, HY16, IA17, LLL+17, LTP19, LHH12, MPS+11, MP12, NMZ19, PM11b, QQL10, SFV16, SSCJ16, SQS+12, SCS10, SCLC13, SM11b, Tak17a, TTP17, WTQL10, WRZ+12, WZ17, WXC10, WZWY11, WRWX19, XM11, XWW+14, YZW10, YZZ12, YW13a, YLC16, YYH+14, Yin17, YC13, YCR+15, ZMS11, ZZK14, ZLZ+16, ZLB13, dF13]. **Sequential** [Lai18, CHL+11, VBV10, WCS19, WSW10]. **sequestration** [Ber14, HSR12, PR18]. **Serial** [Lan17, SR14]. **series** [AIY16, KHRS10, LJM15, MR19, NMI18, SCLC13, Woh15, XSKA17, ZHAK14]. **serine** [IHNS16, Sel12b]. **serotype** [KM15]. **Serum** [VM16, SMM+13]. **server** [GDPPSS+11, SLW+18a, WXC10]. **service** [EVRE14]. **sesquiterpene** [LCQ+18]. **set** [CZW+11, MP13b, NBL10, NLB14, SM18]. **set-based** [CZW+11]. **sets** [GKNT10, MFKS13, SVB+10]. **setting** [GAY+11, SSG+19]. **settings** [MHMM18, PT10, RK19, SPRF13]. **settlement** [BPG+18, FMS+10]. **settling** [MN12]. **setup** [FE11]. **Seven** [MB18c]. **Several** [DZW10, JRR+12, MKBE17a, MKBE17b, RPD14, TD18]. **severe** [DD18, Sat18, SGDL12]. **severity** [ZZL19]. **Sex** [BS11, Del12, EHSR17, Gar10, NG11, AM10, Arg12, Chu10, GGM12, Jam11, Jam12, Jam13, JV14, Jam16b, KMHdlP10, LL18, MK16a, MYK17, MB10, MM15a, MFP+14, MLBA12, MLBA13, NT14, PKH11, Rad16, Ram10, SYI17, Sek12, gSxFH+12, TEY10, TEW12, TEY16, VMZK+19, WKH16, YSST13, YYST13, YHI14, Yam16a, YI18a, YI18b, YTK10, YK11, YT12, ZP11]. **Sex-biased** [Gar10]. **sex-determining** [PKH11]. **sex-specific** [Sek12]. **sex-structured** [LL18]. **sexes** [XY14]. **Sexual** [LN19, YYST13, BHBR12, CHK16, Cro17, EHSR17, EBSW17, Fis19, Fre10, Gra14, KK12a, Mor13, MM18, NI19, SLL18, SSD11b, TCB13, WSRG18, ZRZ15]. **sexually** [HE16, HHA+13, MK16a, MBC+12a, TB18, YHI14, YZMY18, ZAL+19].

SFM [YC15]. **SGB** [XXD+17]. **SGK1** [KSP+14]. **SH3** [HWW+14]. **Shade** [DHK13, Veg10]. **shadow** [LJM+17]. **shall** [GCM14]. **Shannon** [CDM+14, Nem17, Pia19, RFME+12, SSP15]. **shape** [BTR18, CdPD11, DMM+14, KTO+14, LKSM14, LSDD13, MBM11, PRSC11, PP17b, Spe15, WGO+15, LZMM15]. **shaped** [BORA10, DNB12, KP15, UI13, Yam16a]. **shapes** [FZ14, GVSLG16, HMH14, IS17, MOSS15, TDKJ15]. **shaping** [BPLM12]. **Shapley** [WF17]. **Shared** [CGD13, IEN15, KB15, WL19, ZZCZ17]. **sharing** [BORA10, PEW18, TLW18]. **sharks** [IPMH12]. **sharp** [PJ13]. **sharpness** [ZKMB19]. **Shear** [FPG11, BB15, DPCM16, She10, THBM10, WYL+18]. **shedding** [CMN+11, HR12]. **sheet** [Mau15, ZZRZ11]. **sheets** [Han10]. **shell** [BB15, KBS+19, KBS+20, SCsMzX18, She10, SK11a, VH11a]. **shells** [LCG12, Nos14, NSS16]. **shielding** [Kar15]. **shift** [AN12, BRG+12, BH13b, FL12, FL13, RG18, SI11b, SSH+19, SFS13, SY15]. **Shifted** [MPL16]. **Shifts** [EVRE14, CVO+15, HBT13, JAB18, KF15, LG13, PSV17, SI10b, Tou14, WS16, tBdR18]. **Shigesada** [YLH12]. **shikimate** [AEE19]. **Shine** [SGD+16]. **shock** [MG10b, RZIR16]. **shoot** [TP14]. **Short** [FS15a, FS16a, WGS15, ABLH18, BB11b, JP19, MS12a, SG15b, TSB10, WMT15, WGC13, YW13a, Zol14, ZPM+15]. **short-** [ABLH18, JP19]. **Short-term** [WGS15, BB11b]. **shortages** [Che18]. **shortening** [GSV11, RBKW19, SKK+12]. **shortest** [BMV12, YZZ12, vTMW15]. **shot** [AS12, Lai18]. **should** [CT14b, PW18a]. **show** [Laz13]. **showing** [AGRRTR11]. **shrimp** [NR14]. **shrinkage** [Yat14]. **Shrinking** [IDM15]. **shuffled** [PPF17]. **shunt** [NAK+11]. **Shutters** [DHK13]. **shuttle** [Mar12]. **shuttling** [SWR11]. **sib** [GZ19]. **sib-pair** [GZ19]. **sibs** [Jam16b]. **SicA** [LPS+14]. **sickness** [For14]. **side** [Gra18, LE19, dM10b, dMP11]. **sidearm** [Sel14a]. **sided** [JZ17]. **Siderophore** [LvBJ16, FE11]. **sighting** [TLS+13]. **sightings** [KDS18, NdMLLBLC13]. **sigma** [dEG11]. **sigma-factor** [dEG11]. **sign** [PTNKT11, VDTF15]. **Signal** [HM10b, JC10, VLPH17, ANK10, ANY14, CL13a, DFM+19, GdGL17, HYSG19, HMM16, JAB18, JRMS12, JR17b, KFG15, KP16, LDHD14, LCGMH12, Lug15, MÇ15a, MÇ16b, NF16, OS11, PPM12, RW10, SAA10, Tsu19]. **signal-integration** [PPM12]. **signaling** [Akç12, BB11a, BJJR10, Chu10, FLCS+15, FTS15, GM13, Gri11, HSiI+19, HWD+14, Ken19, KB19, LSMC18, Lee16b, LXZQ14, NS18, NSS+11, PR18, PC10b, RSV10, SPS11, UI13, YFB+12, Zhu11, ZXC+10, ZG10c]. **Signalling** [DTGD19, AP17, FD11a, MBM11, MBKB13, MLL+16, OTGT10, Par19, PSD+18, SNC12, STX+11, TC11, WPH+12]. **Signalling-modulated** [DTGD19]. **signals** [BR13, HWGT17, MOSS15, Nak16b, SM14, SHBT14, SVSP15, SKK+11, VH11a]. **signature** [CVO+15, DCS14, TLY+19]. **Signatures** [SHM+18, TST+13, Bar18, NS16, NKM+12, NBBCC18, PPBD10, SSCJ16, WSK+19, WDN+19]. **signed** [cLCJ+10]. **Significance** [MAH12, CB13b, GK17, iHM17, SWPC+16]. **significant** [SDRA+15, SPA18]. **silencers** [CWW18]. **Silico** [AEZR+16, ACM16, AMFR+16, ASRM15, ALM+19, ACvKA10, BGCB12, CRH+15, CAGM+17, CGRRGM+16, DBD15,

EME+16, GHJ14, HH14, Hal17, HCHI18, HNP18, HMMSRSD15, JSC+16, KJM17, KRDJ15, LZL+17, LKAJ18, LMM18, LZL+19, MÇ15a, MÇ16b, MPZK16, MG15, NTC+11, NRS+16, NGJ+14, PSG+17, PMCS16, PEZ+13, RRG+10, RRG+12, RAA+16, RM19, SBR16, SDRA+15, SGD+16, SSRA16, SB15, TKTB18, WB15, ZNCM15, CMHM19]. **Silk** [RGCML10, FMS+10, YLY15]. **Silver** [MHD18]. **Simian** [SBCR10, HII+19]. **simian/human** [HII+19]. **similar** [DG16]. **similarities** [CLL18, MJ11, Pav19]. **Similarity** [SCS10, YZZ12, CBP12, lDsWM+15, GZT12, Hou13, HZWH10, IK15, LSDD13, Ots11, QLZQ11, QLWC19, Rei12, WTQL10, WSK+19, WGDZ18, YZW10, YW13a, YCY14, ZZK14, ZT16, dASdC+15]. **similarity-essential** [dASdC+15]. **Simple** [BJPP12, Mar12, PDL+17, SSME10, Tak16, ACdlRMR+11, BRB18, BSR+11, BLS+12, DDLW10, DLYW13, DDSDW13, FBFM12, GI15, HS12, HZWH10, KF15, MGML10, NSO15, OKVN18, OSF11, PAA11, PCBMM12, PML18, QQJW13, RG18, RHT18, RAMS11, SA13, ST17b, TA10, Tal12, VK10, VLCM10, ZBA14, ZLY+17, vVLS14]. **simplest** [JMZ13]. **Simplex** [KB10a, BYY+11]. **Simplex-** [KB10a]. **simplicial** [ER18]. **Simplification** [Jia16, UBP12]. **Simplified** [Pat16, HM11a, HWHL15, LS10b, RLSM17]. **simulate** [ASL+18, CMJD11]. **simulated** [BWL12, Don17]. **Simulating** [HNV+16, HWGT15b, LLD+17, LC16, NR14, POK+12, HGGCR13, LKL13, LHPF18]. **Simulation** [DLL+18, JL11, MB12a, SNOV11, WGH+14, dlCGSA16, ADS+19, BUC14, Boc12, BTK15, BMF+18, Cox10, CT16, DHB15, DV12, FKMG15, FWSG17, GJ11, GHBI16, GKG+18, HAuR+18, ICG16, KMLT14, KPLT14, LSP13, LCA+15, LHD+17, NI19, OA15, PAOMV17, PRMH14, STNT17, SK15, SKD+10, ST17b, TD17, TMS13, VF12, VG13, WWIG19, WMD16, WC10, XYZ15, ZLW14, ZZL+11]. **Simulations** [ARB13, Laz13, SBB14, APW10, CK17, For10, KGP+15, KA15, KTJ19, Lai18, LSSG10, MPP+16a, MSN14, MAA+17, NZZ19, SMS19, SMJS14, SRH19, Zha10a, ZZ18]. **simulator** [MZ17]. **Simultaneous** [Eft13, VBV10, AB16, BHBR12, KMHdlP10, YvBS18]. **since** [SS19]. **sinensis** [LCQ+18, PWH+13]. **Single** [AAAV14, Dol16, BFR14, BJOS13, BF16, BGD+13, BAR14, EUM+16, ESGA15, FLA+19, HB12a, HY13, III17, KB10b, Lai18, LM15, Lei09, Lei10, LCG+15, LW10a, LW10b, LAJC19, MV10, MB10, MG15, NS18, RB13, RHS14a, SKH17, SC11a, SSKS18, SSKS20, SLC12, SL19, TLY+19, TST+13, WL10, XWC11, ZZ10]. **Single-cell** [AAAV14]. **single-dependent** [MB10]. **single-linkage** [SKH17]. **single-molecule** [LAJC19]. **single-peak** [FLA+19, LCG+15]. **single-shot** [Lai18]. **single-specie** [LW10a, LW10b]. **single-species** [RB13]. **singular** [Lan17]. **Sink** [Gro17, SSI+16, SSZB15]. **sinking** [DD10]. **sinus** [ASC16, SWPC+16]. **sinusoidal** [WSLC14]. **sinusoids** [DLL+18]. **SIQS** [LCT11]. **SIR** [BBR16, LY11, TGZF11, YZMY18, YS11, ZYJL18, ZTT18, dM10b]. **SIR-SVS** [LY11]. **siRNA** [KP16]. **siRNA-based** [KP16]. **SIRWS** [LHFM16]. **SIS** [HT19, KKYV18, LBZ18, ZLL17]. **Sister** [Fer12].

Sister-Chromatid [Fer12]. **Sit** [RW15b]. **Sit-and-wait** [RW15b]. **site** [AR17, CCY+19, CK15, Cro18, DK13c, Gal10, HNL+11, HG18a, JMH+19, Kar12, NTC+11, NPS10, NPS17, NPS18, QZY17, SMJS14]. **site-selection** [NPS17]. **site-specific** [CK15]. **Sites** [WZM19, AH18, AR17, BGCB12, CST16, CK15, CGRRGM+16, DSPM14, FGAM12, GYWJ10, GRRG16, HG18a, HY13, HKR+19, JRR+12, JWS+10, JLX+16, JZ17, JCG15, JW18, KJH+19, KB10a, KBK16, KIT+16, LTSTD15, LL12, MSND12, MSRW16, MSSM18, NMZ19, QW12, SIK+18, TTC19, Tun13, UT17, XWC11, XWD+10, XWW+14, ZZC+17, ZNCM15, ZNC+15, ZNA+16, ZZN+19]. **situ** [GCSP17, KFG+14, METC12, NWB+10, SGGY10]. **SIV** [Lev14]. **six** [CCY+19, RBMS17, TMD14]. **Sizable** [TP10a]. **Size** [PCBMM12, RU16, SA17, Spe15, AMM16, AY15, AC12, BB15, Bar11, Bar16, BR15, CAG13, Cut15, DRPM17, EzMMH18, Fil10, Fil15, GSL13, GTB10, HAB11, HTT19, JL11, KSP12, KFG15, KG15, KDK14a, KDK14b, Lar10, Lee16a, LSY+10, MJS11, MB18a, MP13a, Mor13, MI11c, NYSM12, OT13, OGA16, PIPB10, PN16, PN18, RBB16a, RGCML10, Sch14, SN18, SAB10, SJSG13, SDPC11, YK11, YT12, ZADB15, ZTT18, ZL18b, Zhu11, ZEJA11]. **Size-dependent** [RU16, SA17]. **size-spectrum** [MP13a]. **size-structured** [HAB11, RBB16a, ZADB15]. **sizes** [YHI14]. **Skeletal** [NF16, BRN15, BSS11, GHS18, GHS20, HGGCR13, KCZ+19, LO15, LCGMH12, LHPF18, RGA+10, SAD17, TSB10, WC10, XYN15]. **skeleton** [CS11b, GGG19, GBN14]. **skeptics** [SGA+12]. **skew** [Non10, SR10, SRV11]. **skill** [Nak19]. **skin** [GBJ18, HPM+17, KC13, PMD+18, ZTK12]. **skinned** [Smi14]. **skip** [ZLCH18]. **skip-and-resurgence** [ZLCH18]. **skull** [CW11a, SCF+12, TF15]. **skunk** [BLS+12]. **skyline** [DM15]. **slab** [MKBE17b]. **sleep** [ARR14, FPR10, KAPR12, Pat16, PR17, PRK13, PFPR11, RTR+13, RRL+13, RLW+14, ZKR15, ZLL+12]. **sleep-active** [Pat16]. **sleep-wake** [PR17]. **slender** [Che16]. **slender-body** [Che16]. **sliding** [MZAI19]. **slime** [AABS16, Tre19]. **slopes** [GW12]. **SLOSS** [Tjø10]. **Slow** [SL19, WTZ+11, ZKR15, BRB18, DOC17, Hor11b, ID14, LM15, LG13, MB18b, PB16, SZ15b, VWF19]. **slow-diffusing** [PB16]. **Slow-wave** [ZKR15]. **slowdown** [ATG12]. **slows** [Van17a, YRD17]. **Sm** [ZJS11]. **Small** [RL15, YSST13, Ano19-50, EzMMH18, Fue16, GY19, HB16b, HSR12, HM10b, ISM+11, KFA12, Laz13, LPTR14, MZM+16, TLL+12, TDZ+18]. **Small-amplitude** [RL15]. **small-world** [HM10b]. **smallest** [JLH+15b]. **Smallness** [YI16]. **smoking** [CJL15]. **smoking-tuberculosis** [CJL15]. **smooth** [AJD11, AJC12, Don13, Kro11, MAH12, MH14, SS14, SKH11, SH16]. **smoothed** [IK16]. **smoothing** [SRD+15]. **SMOTE** [ZZG+16]. **snail** [XWW+19]. **snout** [RVA+11]. **Snowdrift** [Lai18, FNH10, IOY15, QMJW15, SPSP12]. **SNP** [HZL+11]. **SNPs** [Kha10, LZL+17, MPP+16a]. **soaring** [vLSBBD11]. **Social** [AB11, MK14b, MPP+18, RFME+12, TSL12, AMFL10, AS12, CBBO16, CW14, DBD12, Déb17, HNR14, HS14b, HBL10, Kea16, KMMS17, LX10, MJI14, MR12, NO14a, NO14b, NBS+13, NR16, NC15, PN18, PB18, PS12,

RANO10, RMB15, RDD14, RDSD+12, Ros10a, Sal10, SAB17, SSC13, TC12, TF14, TT10b, UI13, WGS10, WMD+11, WB19, WLW19, WLW20, WL15, WL12c, ZGWL14, ZLB+18]. **sociality** [PBA12, vVGA10]. **societies** [GSF13, KP12, LF13, NC15, Sal15, SC11b]. **society** [HCW18, TT19]. **socio** [DCR18, GAY+11]. **socio-demographic** [DCR18]. **socio-demography** [GAY+11]. **sociological** [SY11]. **sockeye** [SGCD14, SWD16]. **sodium** [BGCB12, PDG17, PBS+12]. **soft** [BZA16, DS16, Kro10, WHWZ18]. **soil** [CMB+12, CG11, DAVS11, DDS13, FWMC14, MCWF14]. **soil-borne** [CG11]. **Solar** [KTO+14]. **Solenopsis** [AC12]. **solid** [BAM+11, DS16, MCL19, MH13, PGHC12, SKD+10, XLLF17, YLLL12]. **solitary** [OSN18]. **solubility** [XNJ+13]. **Soluble** [LSMC18]. **solute** [SSvdM10]. **solution** [DZJR10, Mil11, OYA14, OSN18, VLCM10, ZS10]. **solutions** [CN12a, JBSFB12, LHFM16, MA11a, MRS14, Ou19, Pie10, ZM10]. **solvation** [KF10]. **Somatic** [PPW16]. **Some** [BAM+11, Cho11, Di 17b, DMP15, MP16, PG18b, PBRW11, Ser16, Gia13, LMM+13, LT14, NNK+15, dS15a]. **song** [BORA10, GZT12]. **Sonication** [Ste12]. **Sonication-induced** [Ste12]. **sorties** [KTO+14]. **sorting** [CSBK15, bCRS17, CVO+15, Eft13, MPK+12, PWE15, TF17, Tre19, VBD10]. **SOS** [BCKS13, BKPV15]. **SOS-induced** [BCKS13]. **SOS-response** [BKPV15]. **Sottas** [AD15]. **sound** [DWG+19]. **source** [ACM16, BL15b, MGGM10a, SSI+16, SSZB15, SC13a, SC13b, YZ19]. **Sources** [JB19b, CB16, DNB12, PCC15, SZ10, TD17]. **South** [PDW11, SKPK17, WCJ11, DB18, Kur14, LJ15]. **southern** [MFP+14]. **space** [AH12b, AH16, AWRD15, ATB14, AP13b, Bau18, BP15, BLP10, BLS17a, CCAdS13, Cut15, DAVS11, Gau11, GD16, GNB+13, HT19, HTK14, HMW16, Kin18, LWLM18, LAPK14, Mal15, MDS16, MWSM13, MBCM12, MS14c, MSIR10, PBR17b, PD16, RD14, RBB16b, Spe15, TAI+18, WO11, WPA17, Wil11, YDC+13]. **space-fractional-order** [PD16]. **space-time** [MDS16, MS14c]. **spaced** [JCG16, MMH+12, Tun13]. **spaces** [BLS17a, Cre10, GKNT10, HTK14, IMD16]. **spacing** [RG18, Smi14]. **spacings** [Smi11]. **Spain** [VPGDP+14]. **spark** [SVCS10]. **Sparse** [WZY14, PBEI12]. **Spatial** [ACMK12, Ayd18, CLPZ14, CNL14, CVO+15, CPPLAB18, GB12, GABM12, JAB18, LLLV11, MMC19a, MKKS14, MGCL13, NvHM13, POW18, RSD12, SS15a, ŚKSRW16, VDD+17, YvBS18, YBT+17, BBT+15, BZ18, BH13a, BCPG18, BTK15, CN10, CLA17, CSBK15, CF11, DE17, DCN13, Eft13, EPP19, FKV19, GDS11, HT19, HM11b, HASM17, HB13b, IGL+12, IRS11, JH11, JC16, KDST15, Kar12, LJ15, LFB+16, LLH+13, Lio16, LXJ15, LVLC18, MCL19, MMAS13, MBS19, MKMG+14, MCWF14, MS16, MB19, MAL+11, POW17, PTC13, PRM12, RDP16, RAMS11, RM17d, SDJ+15, SCS15, SLL18, SJSK18, SLJ+10, SS11, SY12, SS12b, SSC13, TB16, TGL15, VY12, WH11, WKB13, YISG14, YSI18]. **Spatial-Stochastic** [MMC19a]. **spatial-temporal** [LJ15]. **Spatially** [TKB+18, AdVG15, AGGME18, BI19, BLS+17b, CCS15, GA16, HDNB10, LDHD14, NdORC11, PNL15, PDT+10, SRS+15, SMdA16, SSS15, SB17, SS11,

TM15b, VZ19, ZCS+15]. **spatially-averaged** [ZCS+15]. **spatially-explicit** [TM15b]. **spatially-extended** [LDHD14]. **spatially-structured** [VZ19]. **Spatio** [HLTR19, MS10a, QJR+16, STX+11, TC11, ABB+19, AGPK13, CH16, MTdS+16, PM10a, TP10c, ZVMB10]. **Spatio-Genetic** [HLTR19]. **Spatio-temporal** [MS10a, QJR+16, STX+11, TC11, ABB+19, AGPK13, CH16, MTdS+16, PM10a, TP10c, ZVMB10]. **Spatiotemporal** [ARD14, DHRA10, PLHL19, Ros10b, d'O12, BLS+12, HH16, HHD+16, Sht17]. **Spatiotemporally** [HRDL14, HRD14, Zhu11, IH17]. **spatula** [FPG11]. **spatula-like** [FPG11]. **spawning** [HCHI18, MDB12b]. **speakers** [SN16]. **special** [Cle16, GKK13, TK19]. **specialist** [RT19]. **specialization** [NP11, NP13, RD17, WF18]. **Specialized** [KMMS17, LIPD12, IEN15, SKH17]. **speciation** [AWRD15, ACvKA10, BdABY13, KG15, Mar12, MYN+15, SIVH17, SS12a, SGW+18, WCPF15, WK18b, YI16, YI17]. **specie** [AT10, LW10a, LW10b]. **Species** [CC11a, CCB11a, DMSW10, HSM17, LLH+13, LZT12, LZT13, PC13, RM17c, Sel14b, SCF+18, TLM14, YLW+14, dBJ11, AP19, ADR11a, AHP+19, ACvKA10, AMRRI10, Bac15, BJOS13, BWY+17, BCF16b, BJPP12, BP16, CBL14, CHD+10, CCA17, CMCS18, CW11a, bCR19, CH11, CK15, Cre10, DBD15, DSA+16, DZE11, FB12, FVC15, GDF18, GK16, GZT12, GABM12, GDJC11, Han12, HF17, HMM17, IC11, JYZ18, KDS18, LSDD13, cLCJ+10, LRGA13, MG14b, Mal17, MPBS17, MYN+15, MB15, MBLC17, MI11b, MI11c, NBS+13, NvHM13, NdlPZA10, PC10a, PB16, PPTC19, RB13, RR12, Shi19, SLL18, SLHS13, Su16, SKS+19, SBM+12, SA14, TIS10, TGLK19, TCR13, TD18, TSS16, Tjø10, VDTF15, YSYI13, ZGG+19, ZNA+16, ZSH+16, ZEJA11, ZYD15, dS15a, vLBJ+13]. **species-abundance** [FVC15]. **species-area** [GABM12, ZGG+19]. **species-diversity** [Tjø10]. **species-specific** [CBL14, CHD+10, JYZ18, ZNA+16]. **specific** [CBL14, CHD+10, CK15, CDK11, CTL+15, DL15a, DLL+17, DBBM11, Edu16, Fer12, FMLM12, GMB11, GKG+18, HZG+17, HM13, IK15, JRR+12, JYZ18, JD16a, JD17, JAHKH12, JP13, JK12, KHK+17, LCA+15, MDE11, MDMG14, NiTI18, NK18, OF10, PBYB18, QLC+18, RMSTG13, RW12, SFMS16, Sek12, SLDP13, SSKK17, TDHC+18, WYX+17, WCC14, XDD+15, XJ19, ZNA+16, dEG11, dBJ11]. **specification** [ANMH11, BKL14, SCÁBM10, SCÁBM11, ZZX+16]. **specificity** [ZZ10]. **specifying** [MBKB13, MLL+16]. **spectra** [NSK13, SM17b]. **Spectral** [HRD14, BWS10, BTK15, CJ12b, SPMGR10, TP17, WGDZ18]. **spectroscopy** [SKF16]. **Spectrum** [CMM19, GSL13, HYZ+15, LAPK14, MP13a, PZLF19, VHM+17, WY13, ZDY11]. **speculating** [Mal10]. **Speed** [FOT+15, GFM+19, WHHS15]. **speeding** [SSF15]. **speeds** [BSL+17, Fue16, GGBW14, GWBG14, MMG+16, NP15, dRFI15]. **spent** [PTC13]. **Sperm** [PIPB10, CKBCG12, Ish16, ICG16, IGG+18, OSF11, SOCF14]. **spermathecal** [FKMG15]. **spermatozoa** [HB16a, KG12, LXZQ14].

spermatozoa-oocyte [HB16a]. **spermatozoan** [IG14]. **sphere** [KKGN16, SGKCP19]. **spheres** [ICG16]. **spherical** [KMM18, SCsMzX18]. **spheroid** [AP13a, BPF+19]. **spheroids** [BFGS10, DFG+18a, HHA17, MFL+18, TDSM12]. **sphingomyelin** [TWH+13]. **spider** [DEG+14, Mac10, QJR+16, RGCML10]. **spike** [MKBE17b, Opr10, WCC13]. **spiking** [BPF15a, BPF15b, Fer11, Hor11b]. **spillover** [ML11a]. **spillovers** [VABS18]. **spinal** [ISZ18]. **spindle** [ARR14, BZL17]. **spine** [LSP13]. **spiny** [RKMG12]. **spiral** [RLSM17]. **spiraled** [FKMG15]. **spiriferide** [SK11a]. **spite** [KM12]. **spiteful** [GCM14]. **splice** [MSRW16]. **spliced** [BLZ+19, ZLB13]. **splicing** [QYO10]. **split** [CS15a, Di 12, Di 14b]. **Spodoptera** [KSK+17]. **sponges** [DHBS19]. **Spontaneous** [CBP12, Kon11b, CP14, CKB19, KB10b, MTdS+16, OS11, SN12, TK10a]. **spore** [UI13]. **spot** [HTM15]. **spots** [CZW+11, ZK18]. **Spotted** [PLF18]. **spp** [ADCG14]. **spread** [AZOLVH18, AL17, AP19, BJPP12, CDO17, CL17a, Cha18, CSLE11, CMN+11, DK13a, HLTW14, HHT+19, KMCJ17, Kle14, KF11, LS10a, LCCK12, LCJ18, LK15, LL18, LCBO+12, MPS16, MGC13, MS12b, MS12c, MPLK14, MLBA12, MLBA13, PSL+10, SHH15, SZ15b, VMZK+19, WHT17, WDH+11, XLSF19, ZJY19, ZVMB10]. **Spreading** [GGBW14, GWBG14, BHKR14, CGW18, FS16c, HPM+17, KPD18, KPD19, LLJ18, MSM+14, MBS19, PTC13, RPP16, SHvHB16, WMCL18, ZCXF13]. **SPrenylC** [HKR+19]. **SPrenylC-PseAAC** [HKR+19]. **spring** [WGH+14]. **squamous** [MGM13b]. **Src** [HWW+14]. **SSBP** [KGP+15]. **SSR** [NNK+15]. **SST** [CH16]. **Stability** [CL11, Gou16, LR16, MK14d, NPS10, SX12, TF17, VL11, WM17, ALH16, BS11, BBJDS11, BR13, Cha17, CLP11, Cre10, DKR16, DBM+18, DHB15, Ezo12, FB18a, FS11b, FR13a, GAL11b, GCM17a, GCZ+12, HGHL10, HK10, HYQ+16, IG14, IvdSW16, Jam12, Kři10, LS14a, LS19, Lun13, MSZW19, Mil11, Miy16, Miy17, MD16, MKPVH16, NWZ15, Opr10, PJ18, Pav14, PMR11, PLN14, PDG12, PJL14, PSG+17, PKH11, PML18, RW16, RCH14, RS10, RBMPP+13, RM13, SW18, SS15c, SS18, SBS17, THM10, TRG16, TRJD19, WL12a, WL12b, Wal16, WR14, XDC+11, XS13, ZCT18, Zha10a, Zha11, ZW16, ZWG10]. **Stability-based** [TF17]. **stability-complexity** [THM10]. **stability/foldability** [Miy17]. **stabilized** [LIPD12, NiTI18, PC13]. **stabilizes** [AS13, Smi14]. **Stabilizing** [SSD13, APS+13, HMMSRSD15, RAMS11, TMD14]. **stabilty** [Ayd18]. **Stable** [HWGT17, Kar12, MN14, OO17b, RRÚJ19, BT17, BI12, Bro13, BHBR12, Cor16, CMGN17, DWL+14, DI10a, Kis16, KM12, LFZN11, ML09, ML12a, Mit17, Rem15, SMG18, SKS+19, TM14, VA10, XKCG15, ZLY+17]. **stably** [ATRR10]. **stack** [FIS11, FIS16a]. **stacking** [Tri10, Zol14]. **staff** [HLTW14]. **stage** [BWY+17, CKZ+17, CT18a, CEP14, GWBG14, HYA14, JSWY19, JMK+17, KK12a, Lab16, LP12b, LZTD18, MBP16, NTED+19, RC16, SvK12, SMA11, TRJD19, WcW14, WTC16, YD14, ZLT+19, ZK10]. **stage-dependent** [RC16]. **stage-structure** [BWY+17, LZTD18]. **stage-structured**

[CT18a, JMK+17, LP12b, MBP16, RC16, SvK12, TRJD19]. **stages** [BAM+11, FD17, HVM13, MM12, SBK16, WRC+19]. **staging** [KKOM18]. **stakes** [CT14b]. **stalk** [UI13]. **stalk/spore** [UI13]. **stalking** [BR12a]. **Stand** [AdlPLMZ13, Lar10]. **standard** [BWM+19, LAPK14, LPH19, Mas16, OUMA10, SSS13, ZGW16]. **standing** [SNCM12]. **Staphylococcus** [PDW10]. **star** [FBAPMD13, FLCS+15, LDWW14, MYOS14, NIiT18a]. **Start** [RGP13, KK12b, Tox18]. **Start/stop** [RGP13]. **starting** [TSB10]. **startle** [Bac15]. **starvation** [AK15, HMH14, MBC+12b]. **starvation-predation** [HMH14]. **STAT** [RG12]. **state** [AOM19, BTF19, BKSW16, BCPG18, CN12a, CMGN17, Cut15, DEK15, Dim17, Ell15, FTPN10, FT12, GGX+10, JRG14a, JRG14b, JRG14c, KTI18, KL11, Kla10, LRA+13, Lüt16, MBLV10, MBCM12, MS14d, MCCC+10, PRK13, RFS+15, RR16, RCL+10, RCD16, SBCR10, SKD+10, ZTT18, ZL18b]. **state-dependent** [ZTT18]. **state-discrete** [SKD+10]. **states** [BVK10, BDR10, Bro13, IvdSW16, Jia16, LSMP14, MS18, MS10b, NWWL17, OABI12, RNN15, Sch19c, SKS+19, TM14, UBP12, VA10, XGZ17, XNW17]. **Static** [MMRCCC10, FD17, PBEI12]. **Stationary** [Sch18, Sch21, ALH10, Kae17, Kär11, LS13a, SC11b, SVCS10, ZWG10]. **Statistical** [AM14, Cro17, GLZ+13, Ing16, LCG+15, MSS10, NdMLLBLC13, SS19, ABD+15, AD16, AAJGCD15, BK19, BORA10, BRK19, CLW12, GGR11, KJH+19, KCD11a, KCD11b, LKSM14, Mas18, NGND12, OGE10, PDW11, RSR11, SSKS18, SSKS20, Wal18, WH14, YW13b, ZMC+18]. **statistical-reaction-diffusion** [RSR11]. **statistically** [SSS13, SDRA+15]. **statistics** [LWL+11, ZRGW19, vVGSE12]. **status** [DBD12, JS15]. **staying** [GN14, ON14, TTN13]. **Steady** [CN12a, IvdSW16, KTI18, BKSW16, DEK15, Dim17, FTPN10, FT12, JRG14a, JRG14b, JRG14c, Lüt16, MS10b, RR16, SBCR10]. **Steady-state** [CN12a, KTI18, Dim17, Lüt16, RR16]. **stearoyl** [PWH+13]. **Stegomyia** [ASF+15]. **stellate** [GWW+10, TWTA+18]. **Steller** [LLLV11]. **Stem** [BGL+19, Hor13, HMJB15, BZL17, CDC18, CMS16, DBBW09, DBBW11, DBM+18, EUM+16, JMC+10, Kar15, Mal18, RJSC18, ST16, TRM+14, TK10c, VKKA12, VW10, Wal12, YAK17, ZZL+11, dSdS13]. **stenosis** [Fok12, MP19]. **stent** [MAR+17c]. **step** [Das18, NMZ19]. **stepping** [AP19, EKFV18, SV17]. **stepping-stone** [EKFV18, SV17]. **Steps** [LCCB11, HKR+19]. **stepwise** [CJKR10]. **stereochemical** [RMRC+16]. **sterile** [IH17, LBGW13]. **sterility** [YYB+19]. **sterilizing** [JB18b]. **steroid** [NCS+13, ZP11]. **steroidogenesis** [HH14, HCHI18]. **steroids** [WZ12]. **sterol** [BSM+14]. **STI** [MLBA13, Cor18, MLBA12]. **stick** [MR12]. **stiffness** [AJC12, BSP18, DAA17, FS11a, SS15b, SS18, SHW16]. **stiffnesses** [SS15c]. **stigmas** [RSH19]. **still** [Zhe15]. **STIM** [SAB+19]. **STIM-ORAI** [SAB+19]. **stimulation** [FW15, FR13b, FR14, Kar16, WPH+12]. **stimulations** [XNW17]. **stimulator** [AANF16]. **stimuli** [DHT19, VBVD17]. **Stimulus** [MAS15b, Str15, CPS19, Cox10, JP13, TKTB18, WSLC14].

Stimulus-dependent [MAS15b]. **Stimulus-response** [Str15]. **stinginess** [FZW17]. **Stochastic** [BM10, BDLR12, CCA17, CK16, DLEMP19, FMLM12, GMOP12, GL18a, GN14, GSV11, GL12b, IDI11, JP15, KKYV18, Kun16, LTZ19, LL13b, LPH19, LSSG10, MMC19a, MH11, MRPN12, MG10b, Oht10, PAK11, PAOMV17, RAD14, STA15, SC11a, SR14, SZ18, SLvdBMP10, VABS18, WR14, ZZS19, dlCGSA16, vE11, AGRRTR11, ATG12, BFR14, BJJR10, BR14, BCFR10, CCF$^+$14, CdMB10, CH16, Chu17, Fil10, Gal11a, GCG14, GMBK14, GAV15, HMM16, HK16, IOK19, IGL$^+$12, Jab10, KMA10, KTN$^+$10, KAKK19, LDF$^+$11a, LdLK11, LW10a, LW10b, LLL13, LPTR14, LJW$^+$16, LDM16, MCL19, MK19, MBCM12, NBC16a, NBC16b, OT13, OOY16, OAJK10, OBHS19, PR18, PCHM10, PMW12, PGF11, RBKW19, Ros10b, RT15, RM13, SW16, SI12, SW17, SSLB15, SB19, SLS17, TCR13, TD18, UK17, Veg10, VG13, WMPF$^+$15, WL10, XXD$^+$17]. **stochastic** [YD15, ZS10, ZZ10, ZWG10, ZMC$^+$18, ZSS10, vdBD10]. **stochastic-deterministic** [IGL$^+$12, RBKW19]. **stochastically** [EB15, GW15, Mul11, Mul12, MHF$^+$13]. **Stochasticity** [BF15, Lei09, Lei10, TDW16, ACH18, BGM19, BLNR15, BFW10, DSA$^+$16, Kam11, LP14, MPM10, MGCL13, Oku15, PDSP13, PM11a, PCBMM12, PR13, STN$^+$19b]. **Stocking** [MNH$^+$12]. **stockpile** [HSLW16]. **stocks** [DHP11, NBA$^+$18, TM14]. **stoichiometric** [FTPN10, PPW16]. **stomach** [KP12, LPGTBMA19, SK16a]. **stomatal** [KC14, LDM16]. **stone** [EKFV18, SV17]. **stones** [AP19]. **stony** [KRSD11]. **Stop** [MSBB13, KK12b, RGP13]. **storage** [GS13a, GS14, GW14, Gro17, KF10, MK14a, MGT17]. **store** [DHT19]. **store/recall** [DHT19]. **stores** [TvMG16]. **STR** [AEM14, AEM13]. **Strain** [TKTB18, ABKS11, ABN15, BDR10, CDK11, CP11, Cox10, DLMK12, DGD$^+$11, GVSLG16, GKG$^+$18, JCW13, PCC15, SA17, SCC11, SR12, XYN15, ZN18]. **strain-** [GKG$^+$18]. **strain-specific** [CDK11]. **strains** [BC19, BTW11, MSE$^+$14, OAS10, OS13, PB18, PDW10, SKH11]. **strand** [BKL$^+$15, Kae17, KDL16, SNS17, ZZRZ11, Zha15]. **strand-symmetric** [Kae17]. **stranded** [Kue16]. **strands** [CJ12a, ZDG$^+$10]. **strangling** [Oka15]. **strategic** [BBR12, BC13, HMH14]. **Strategies** [MI19, VKKA12, AK13, AKS$^+$19, AMFL10, BFH$^+$15, BC15, BB10, Bos12, BI19, CLA17, Cha18, CZ14, CSS$^+$18, CFF11, CG11, CBGS18, DG16, DI10a, EL12, GT11b, GCG14, GBRS19, GW19, HS15, HWTN15, HHE19, HHS$^+$10, HS14c, IM18, KLJ17, KdlRJ18, KKYV18, LCC15, LC17, LY11, LA15, LPvSP11, LPvSP12, MvdDW13, MFMPS10, MGT17, MG10a, ML10, MPLK14, NW10, OGA16, PW19, PBSM19, RK19, SSM$^+$18, SMC$^+$13, SNCM12, UI10, Ush16, WCJ11, WSW10, WHYMG17, ZLW18]. **Strategy** [GT11b, LXS15, Woo10, Ber14, CW15a, CJL15, DWL$^+$14, GVCG12, Has14, HRHAAA15, ITO16, KOS13, KJ19, LS15a, LL18, LFW$^+$15, LDJW16, LHD$^+$17, MW14, MR19, NPS17, QMJW15, SI11a, ST17a, SC10b, SSRA16, VCF$^+$19, ZWC$^+$13, ZWG10]. **stratification** [SM17b, cSGFB17]. **stratified** [MYLK11]. **stratigraphic** [SGW$^+$18]. **stratum** [SSvdM10]. **streamline**

[KSM+15]. **streams** [MN12]. **Strehler** [TMF17]. **strength** [JZZK11, KL13, RR12, VL11]. **Strengthening** [DGC11]. **Stress** [BIMC17, ASK17, AAJ15, BSP18, BYM+18, CPF+13, CFGRB17, CB10b, CDGV10, DPCM16, DBJ12, FM15b, GRCdL16, GTSP16, GA14, KHH10, KMN16, LLTP19, Mal15, MR15, MBPS17, NF14a, REC10, SGAM12, SWSLMJ19, SAI14, XYN15]. **stress-driven** [CFGRB17]. **Stress-mediated** [BIMC17]. **stress-strain** [XYN15]. **stressed** [BHBR12, DLMK12, OBAI11]. **stresses** [Ren13, ZR16]. **stressors** [DL15a]. **stretch** [MSA+16]. **stretch-induced** [MSA+16]. **stretches** [TSB10]. **stretching** [KSK+11, KHH10]. **striatus** [SKSO12]. **stroma** [GCSP17, Kar16]. **stromal** [MGGM10a, MGGM10b, NJP18]. **Strong** [FS12, GCvWE+14, Kur17, DGC11, JB19a]. **stronger** [HNP18]. **strongly** [Ala15, Kon11b, PP17b]. **Structural** [ÁTC+14, CNG+12, FDM+11, KJSS10, KF12, MPP+16a, PBKR13, SPG+18, UD10, ZKHL16, AKNP18, ASRM15, AA16, CT18b, CzST+18, CM17, DPRSS11, DYQ+14, Don17, EBSW17, FS11a, HH14, IK15, KZL14, LJ10, LCQ+18, LKAJ18, MPCTGJ+15, MF15, OYY16, PDB+15, PPC+17, RSD+16, SBR16, SSSD17, SG15a, Smi14, SLT+18, USF+18, WM17, YX15, Zha10a, Zha11, ZLY14, ZZK14, ZLT+19, dBJ11]. **structuration** [Nak19]. **Structure** [KKM12, KI15, dBB14b, AAGO+17, ACMK12, AP13b, BBT+15, BKR14, BZ18, BSP18, BJO+16, BWY+17, BHKR14, BORA10, CTA15, CLC11, CVPCV+15, CV19, DHB15, ESW13, EVRE14, FW15, FLM18, FGPR10, FYZ15, GGQ+12, GDS11, GHBI16, GB12, GGM12, GCZ+12, GHS18, GHS20, HTK14, HWHL15, IIKH16, KDST15, KKGN16, KGP+15, KBK16, KZL14, LS15a, LLS+15, LL12, LL13a, LGBT15, LMJ+16, cLCJ+10, LZMM15, LZTD18, MS10b, MGM13b, MHH13, MK14d, NBL14, NGS+16, OAJK10, PM14, PBEI12, QQL10, RW15a, RK18, RBHK14, RKJ+11, SAGC12, SJSK18, SDPC11, TA10, WSH+10, WSLC14, WCPF15, WDH+16, WKB13, WZLW15, WGO+15, XLSF19, YISG14, YSH+14, ZGZ+10, ZZRZ11, ZKHL16, ZL18b, dBJ11, vV11a]. **structure-aided** [WDH+16]. **structure-antioxidant** [LL13a]. **Structure-function** [dBB14b]. **structure-sequence** [WSH+10]. **structured** [AdlPLMZ13, BV12, CT18a, Déb17, FBM19, GvVT14, GWBG14, Gra15, GMR16, HAB11, HI12, JMK+17, KCS16, KFB18, KSPA17, LM11, LS16b, LW15, LL18, Lio18, Lio24, LP12b, LCDH15, Mac14, MBP16, NTED+19, NP11, NPS18, OT13, PNL15, PTB12, PP12, RBB16a, RC16, RRR15, SPSP12, SvK12, SMdA16, SKS15, Tak16, TLCZ12, TRJD19, VZ19, WL14, WTC16, WL19, YLW+14, ZADB15, ZLW18, dTKDV15]. **structures** [CAA11, CM17, EG12, FWSG17, FYZ15, GZY12, HY10, HBW+11, Kee10, KCJ+11, KF15, MDVT10, Mas18, NHTS14, SSI+16, Str13, ZSW11, ZZ14a]. **structuring** [LG10a]. **struggle** [LM14]. **STTNC** [AH18]. **stuck** [Cza14]. **studied** [BHBH11]. **Studies** [Zha10a, ZZRZ11, BWS10, CW11c, KJM17, KSK+17, LSMP14, MTE15, MBF+15, PS13, PEZ+13, RMM+16b, TWR+18, TAR16, TMS13, YNY+10, Zha11, ZZ14a, ZK10]. **studiosus** [QJR+16].

Study [DYS+13, RNVP10, SM10a, ASK17, AHD+18, AKR+18, AABS16, ALH10, ACvKA10, BRA15, BC19, BB15, BZ18, BLV18, BD10a, Boc12, BVK10, BR12b, CFF12, CPS10, Che19, CH16, Cle16, CDGV10, Cro19, DRW14, DCL18, DK13c, DGD+11, EJ17, EJ19, GKMC10, GKNT10, GHJ14, GDPPSS+11, GXF13, HHJR11, HI19, HTM15, HWW+14, HME12, HM11a, Hir16, HWGT17, HM15, iITIM15, IG14, ICG16, JL11, JRG14a, JRG14b, JRG14c, KKD18, KBL15, KRR14, KCJ+11, KTJ19, LBMG16, LWLM18, LHW14, LS10b, LCQ+18, LS10c, LCGMH12, MFM16, MRPH17, MS18, MPS+11, MBC+12b, NTC+11, NZZ19, NI19, OBK+11, PCL+15, PRV+14, PVGV19, PMKS+15, RCH14, RCL+10, RP18, RSV10, SPSM15, STNT17, Sch17, Sch23, SSG+19, SG15a, SGDL12, SRS18, SKD+10, SCS10, SAI14, SIHO15, TDZ+18, TA16, VG13, WWIG19]. **study** [WC10, Wu14, XLG+15, YSST13, ZSH+16, ZZL+11]. **Studying** [ARG14, BPM+12, DHK13, KFG+14, Kon17, Shu13]. **Stylophora** [KRSD11]. **Sub** [USF+18, WN19, LLW+18, MS16, ZLW+19]. **Sub-** [WN19]. **sub-Golgi** [ZLW+19]. **sub-network** [LLW+18]. **sub-Saharan** [MS16]. **Subcellular** [DTY12, SRD+15, AAJGCD15, CXC18, DHS+15, FL12, HLS+12, LLW+18, LTL+15, Mei12b, Mei13b, SC10b, STG19, TKK14, USF+18, VLCT19, WMK13, WMK14, WMK15, XWC11, YLL+14, ZL18a, ZD18]. **subchloroplast** [HY13, LWW14]. **subcutaneous** [MYK+11, SAI14]. **subdiffusion** [SF15]. **subdivided** [PBR17a]. **subgraph** [LCL14]. **subject** [LPTR14, O'F11, SVB+10, SLHS13, ZMW10]. **subjected** [GRCdL16, ZG19]. **subjective** [FPR10]. **subjects** [BRK16]. **sublocalization** [PWHW16]. **submerged** [STI13]. **submitochondria** [Mei12a, Mei13a, ZMS11]. **submitochondrial** [JD17, QLC+18]. **submitted** [LSMP14]. **suboptimal** [FYZ15]. **suboptimality** [Jam15]. **subordinate** [NBS+13, SYI17]. **subpopulation** [DS19a, NiTI18, SSZB15]. **subpopulation-specific** [NiTI18]. **subpopulations** [DGJ15, MK19]. **subsample** [MSK10]. **subsequent** [WK17]. **subsidizing** [KTJ19]. **subsidy** [EKFV18, LHV16, SV17]. **subsp** [AMSSG16, AHMA+19, CRH+15]. **subspace** [RAF+19]. **Substitution** [AKR+18, AD15, ADS+19, BM11, CK15, DKP+18, HS11, Orr19, ZPdFJ19]. **substitutions** [CzST+18]. **Substrate** [BSP18, KPS17, KHH+17, Aya12, KGM+15a, Sar10, Str15, VACGF17, WL12c]. **substrate-dependent** [Aya12]. **substrates** [Sar10]. **subsystems** [MDB12a]. **subterranean** [JL11]. **subtilis** [BLP10, ZCSRG12]. **Subtle** [VK10]. **subtree** [BLS17a]. **subtype** [HZL+13]. **subunit** [ZJS11]. **Suc** [DLL+17]. **success** [ASGG17, BM14, BPG+18, BAR14, EA17, FS12, GZT12, HH10, LYF+15, MvdDW13]. **successful** [MFN+18, OS13]. **succession** [Cam11]. **Successional** [Kla10]. **successive** [SSvdM10]. **succinylation** [DLL+17, JLX+16, ZNCM15]. **succulent** [KFS+13]. **Suction** [VDH+15, RVA+11]. **Sudan** [OL19]. **sudden** [BIMC17]. **sufficiency** [vV18]. **Sufficient** [TL15, CHL+11, FT12, GC16, Tox18]. **sufficiently** [XJ19]. **sugar** [JBSFB12]. **sugarcane** [EJ16]. **sugars** [OHWS18]. **suggest** [PEZ+13, SBB14]. **Suggested** [dF13, Di 16]. **suggests**

[DAA17, Kun16, MPP+15, RRR15, SBB18, SH17, SM11b]. **SUI** [Yan10a]. **suicide** [JDSPK15, NPB13]. **suitable** [YW13a]. **sulcus** [SK11a]. **sulfate** [CZT+16, SABB15]. **sulfenylation** [JZ17, JW18, WZM19]. **SulfPred** [JZ17, WZM19]. **super** [FWSG17, KF15]. **super-hydrophobic** [FWSG17]. **super-secondary** [KF15]. **supercritical** [NYSM12, WN19]. **superficial** [BMGC11a, BMGC11b]. **Superinfection** [PGPD19]. **superior** [Mas16]. **Superiority** [ZZ10]. **superovulation** [YD14]. **superoxide** [DWM15, Kun16]. **superspreading** [LCJ16]. **superstars** [JLH15a]. **superstition** [HLI15, TI12a]. **superstructure** [RFdL15]. **supertree** [MP16]. **supervised** [GMK18, NNK+15, ZNCM15]. **supplemental** [JMH+19]. **supplements** [SVA18]. **supply** [ASGE14, GLOC10, KFA12, KK18, LAPK14, TP14]. **supply-demand** [LAPK14]. **support** [Di 13b, GYWJ10, HZL+11, Jam11, Jan15, JW18, KHX+19, KSKK15, LYF+15, MBE11, NHSX14, TDT16, XWD+10, ZDG+10, pZWZ+16, ZZC+17]. **supports** [BSB+13]. **suppress** [AANF16, LSDI15, PPBT11]. **suppressed** [AR17]. **suppression** [CdMB10, CDK11, GC18, HHSA15, HA15b, HLH+18, MYK17, SHF16, SSN+14, YZY+16]. **suppressive** [STI13, WR14, WML+17]. **suppressor** [HTN14, SSM+18]. **suprachiasmatic** [KTH16, KB10b, VH11a]. **Surf** [Luk14]. **surface** [AdSG14, AAJ15, CEKM+19, HHMT19, HGB+13, IMH15, IG14, SKGM19, TAI+18, TSP15, WBB+18, ZDF+12]. **surface-associated** [ZDF+12]. **surface-dependent** [TSP15]. **surfaces** [CKS15, MPY14, PVGA12, XLG+15]. **surfacing** [MDB12b]. **surgical** [JMH+19]. **surname** [MSK10]. **Surrogate** [SKK+11]. **surrounded** [SA17]. **surveillance** [MOEdP16, MW13, PGF11, ZZL19]. **survey** [QZ14, WPH+12]. **surveys** [TKB+18]. **Survival** [GCM17b, AP13a, HHS+10, KCD11a, KCD11b, LS10a, MSB16, NR14, TSL12, ZZC10]. **surviving** [ML09, ML12a]. **susceptibility** [HR14, HZL+11, LLC15, SY11, SKS+19]. **susceptible** [Gru18, ITR+18, TDKJ15, Zuc14]. **suspicious** [PCN17]. **sustain** [MKJS13]. **Sustainability** [KG13, RDMP11, TLW18]. **sustainable** [BR14, GL12a, GK13, TM15b]. **Sustained** [BF13, NCLB16, SH16]. **sustaining** [MSN14, RA18]. **sustains** [PMSY17]. **sutures** [BFGAGA16, YKO+16]. **SVM** [BMSEE14, HYA14, HZC+10, JCG16, LT14, Mei14, ZZC+17]. **SVS** [LY11]. **swallowing** [dLMD+11]. **swarm** [FCS18, MMAS13, PP18, PP19, YYC19, ZZN+19]. **Swarming** [LX10, RA17]. **swarms** [Gal10, LTSTD15, RLK10]. **Sweden** [FGH+14]. **swelling** [LSP+17, XLLF17]. **Swift** [MROS15]. **swim** [Gro17]. **swimmer** [HFT15]. **swimmers** [LCBO+12, RL15]. **Swimming** [SKSO12, BPG+18, CT16, HN10, IG14, Ish16, IGG+18, Luk14, TTW13, WGH+14]. **Swinger** [Sel16, Sel15b]. **Switch** [SSKK17, CSKZ19, DD13, GC16, HL14, Kar16, OM10, PRH+11, Sos18, SBJ+18, VDRL14, Voh17, WR14, WKS14, vLBJ+13, vdSS12]. **Switch-like** [SSKK17]. **Switches** [CKF17, ANY14, Gol10b, SX12, UJLG14]. **Switching** [LKP+12, KAN11, LW10a, LW10b, LZT12, LZT13, MHF+13,

NS18, Pat16, PLN14, PHPM18, RFS+15, WFZW13, ZJY19]. **syllable** [GZT12]. **sylvatic** [KZ14, PKZ12]. **sylvestre** [RAA+16]. **Symbiodinium** [CMGN17]. **Symbiogenesis** [AE17]. **symbioses** [CMGN17]. **Symbiosis** [LGEM17, APBS15, DMS+16, PMK15]. **Symbiotic** [BLW11]. **Symbol** [Fer11]. **Symbolic** [PM17]. **symmetric** [DGJ14, HMJB15, Kae17, MMJB17, MG10a, Mig16, MS14d, RPD14, ST16, Wu14]. **symmetries** [TS17b]. **Symmetry** [RVP19, WN19, ABG+13, Len14, LJW+16, yTRSC13, She11b, SWSLMJ19, SG18, TM15a, Zha15]. **symmetry-breaking** [SWSLMJ19]. **sympathetic** [BPPC15]. **sympatric** [SA14]. **symptoms** [PZLF19, Sat18]. **synapse** [JSZ10, MYC12, TTG19]. **synapses** [HKS15, KLHS17]. **Synaptic** [ML11a, VGZS18, BB11b, FIS11, FIS16a, FR14, GL12b, HKS16, Hor11b, Rob11]. **Synaptotagmins** [GU13]. **synchronisation** [BTO15]. **synchronization** [ABJ12, BTR18, CTJ10, CFF12, DS10a, HTK+18, SN12, ZLL+12]. **Synchronized** [CH11, AANF16, OKVN18, PJ13, TIS10]. **synchronizes** [KDL16]. **synchronizing** [GH11]. **Synchronous** [XNW17, AM10]. **synchrony** [DBD12, JP13, PJ13]. **syncytial** [KKG+14]. **syndrome** [AD15, EAN14, LCJ16, MSB16, Veg10, YXH+14]. **syndromes** [JHE15a, JHE15b]. **synergism** [Wal16]. **Synergistic** [CS15b, YNY+10, BZJP18, LW17, LW15, PBA12, Tay13, Tay16b]. **synergists** [Bon10]. **Synergy** [DL15a, MV18, Oht12, SOF16]. **synonymous** [LY14, MV10]. **syntax** [WSH+10]. **synthase** [EJ16, KHH+17, LCQ+18, TWH+13]. **Synthesis** [Sak10, BFJ+18, EHBC10, HL11, HMTA17, JS17, JS18, NCS+13, SC11a, SBB18]. **synthetases** [Di 17a, Rog19]. **synthetic** [ASRM15, ABIM10, BPP+16, DGW+18, FWR19, HMTA17, HAuR+18, JZ17, MMC19a, PFJS15, PPF17]. **syntrophic** [SK16b]. **System** [GCB17, LY14, ASK17, ANMH11, ATI12, AA16, ARZ15, BCKS13, BBS18b, BAM+11, CdMB10, CST19, CSBK15, CTW10, CKF17, CXT19, CKN+12, DKP+18, DFMR19, EBSW17, FRP14, FJR19, FMLM12, FK13, FIJJ11, GB13, GPR+16, GBM18, GGG12, HJLNZ11, HGM15, HI19, HAB+17, HWGT15b, Kär11, KNA+18, LW17, LGR+12, LYW11, LLL13, MI11a, OO18, OHWS18, PWG16, PR17, PHPM18, PZS+10, PBEI12, RB13, SHG16, SLR17, Sat19, SHH15, SKPK17, SR12, SX12, SKK18, SY12, TWW19, TWS15, Thu15, TAORS10, VWF19, VAG16, VC10, Voh17, WD11, Wan19, YiTS19, ZCSRG12, ZZ14b, ZZN+19, ZMW10, d'O12]. **Systematic** [GBRS19, HWD+14, Oka12, Sel13, Sel15b, Sel15a, VM12, WPH+12]. **systematically** [Sel14b, Sel16, Sel17]. **systemic** [CSDR15, DL15a, NAK+11, SCA13, TvMG16]. **Systems** [CKS15, MTE15, MMLK11, Abb10, AF10, ASK17, AENK12, BWB11, BA19, Ben14, BSL+17, BJ17, BRP+18, BE14, CR14, CFZ14, CLK18, CGHF14, DS13, DGJ14, DG10a, DV12, EA17, ESG10, Ezo19, FLA+19, FKV19, GZFX14, GVSLG16, GMM+13, GP11b, GP12, GA15, GT15, GW19, HJWC11, HAK+19, IMA14, JZL13, JCW13, KSP12, LBMG16, LCSH14, LS16a, LDH+12, LL13a, LLZ13, LMdL11, MH12, Mit14, MH13, MAF+19, NH12, NBC16a, NBC16b, OA15,

ONO15, OUMA10, Pag19, PJL14, PSL+10, RV16, RR16, RDMP11, RGBR17, RAD14, RA18, SYSM11, SBSE14, SVA18, Sue12, Sza15b, TLW18, VR17, Wal18, WZ18, WW19, WSM12, WFM+13, WFC+14, YYST13, dlEBRM15].
systole [ASC15].

T [DHK13, DL16, KL11, SI11a, SRAL12, AHAFA14, BCPL10, BYY+11, CSR+05, CTL+15, DP13a, DKR16, DL12b, EH17, EME+16, FMLM12, GML10, GBIR13, JDPK15, JB19a, Lab16, LAH+16, LFB+16, LG12, MEKK11, MYC12, OTGT10, RAF+14, RW12, SI10a, SDD15, SDT17, STN19a, SLvdBMP10, SSRA16, TXWW12, XJ19]. **T-Cell** [STN19a, BYY+11, DKR16, DL12b, GBIR13, JDPK15, SDT17, SSRA16, XJ19]. **T.** [Mac11]. **T4** [ARZ15]. **T4/Escherichia** [ARZ15]. **T7** [dRFI15]. **table** [Nah12, TLR14]. **Tag** [GvVT14, Lai11, MBBD13, MNSZ16, WFZW13]. **tail** [JZZK11, OYIM10]. **tailed** [LK19]. **tails** [MDM16, SSZR17]. **take** [MS14b]. **taken** [MPNP12]. **takes** [vVGA10]. **Taking** [MA10, FD18]. **tale** [VHS17]. **talk** [BJJR10, FZL18]. **talking** [CDM+14, YST14]. **tall** [Gou15]. **talus** [PRSC11]. **Tangled** [CTA15]. **Tank** [HKH18]. **Target** [Fil10, BCPM+16, BJ18, HII+19, HG18a, HW11, HW13, IH17, ITR+18, KS10, LN13, RAF+19, TAR16, XJ19]. **Targeted** [SGW17, CFF11, DK13a, GGQ+12, HS15, MKMG+14, ZZG+16]. **targeting** [MSB16, SSM+18, SH15, WHH17]. **targets** [HRCA19, HZC+10, MG14a, PYG+19, RAA+16, YWW+14]. **Task** [GSF13, GXFF13, JAHKH12, KP12]. **Task-partitioning** [GSF13]. **task-specific** [JAHKH12]. **tat** [ARG19, BYJ17, YBC17]. **taxa** [SAG19]. **taxon** [SSS13, SS15d]. **taxonomically** [SKH17]. **taxonomy** [BBDB13]. **Taylor** [KHRS10, KMM16]. **TB** [GSV16, PDW11]. **TCF** [SWR11]. **TCP** [KBV11]. **TCR** [LCHMP16]. **TD** [SAKG13]. **teacher** [CB17a]. **teaching** [CT14a, CCNT19]. **TEAD4** [NZZ19]. **technique** [BGF+14, CL17b, JZ17, LLC15, SLDP13, ZZG+16, ZNCM15]. **techniques** [AENK12, LBGW13, SSJK18, TTW13, WP17]. **teeth** [LBB+13]. **telencephalon** [BF13]. **teleological** [GJ15a]. **Teleonomy** [TP14]. **teleost** [Yam16a]. **tell** [LWLM18]. **telomerase** [PVGV19]. **telomere** [EBX17, GSV11, HWPL12, OB10, RBKW19, SRH19]. **temozolomide** [HL18]. **temperate** [ECP+16]. **Temperature** [CMM19, KH19, RL17, YI18a, YMZ18, APS+13, AC12, CFL+15, DLSD15, ECP+16, GMZM15, NSO15, RBB+12, VBV10, WTC16, WDL+13]. **Temperature-dependent** [KH19, YI18a]. **Temperature-driven** [YMZ18, WDL+13]. **temperature-mediated** [AC12]. **temperatures** [SSV+15]. **template** [BRB18, HS12, IDM15]. **template-based** [HS12]. **templating** [Dun11]. **Temporal** [CzST+18, ABB+19, AGPK13, CNL14, CH16, KMM16, LJ15, LS11b, MTdS+16, MS10a, OABB18, PM11a, PM10a, QJR+16, STX+11, TP10c, TBA14, TC11, ZVMB10]. **temporally** [AdVG15, Ros10b]. **temporary** [ESS19, WW12a]. **tenase** [KPS17]. **tendency** [FB12, NPB13]. **tendon** [FS11a, RS12, WYL+18]. **tendons**

[RS14a]. **Tenofovir** [RVZ14]. **tensegrity** [AA16]. **tensile** [WYL+18]. **tension** [GGC14, MHMM11, TSB10, WHWZ18]. **Tensor** [PH13]. **tensors** [SC10c]. **Teramoto** [YLH12]. **term** [ABLH18, BB11b, FHM18, GA14, HKS15, HKS16, MPP+16a, MBP16, MI11b, MSL+16, SBB14, VZB+15, WMK13, WMT15, WGS15]. **term-frequency** [WMK13]. **terminal** [BCS+16, GSGV11, RSBB10, SSZR17]. **terminals** [GU13]. **termination** [TH17, dSKBS10]. **termites** [JL11]. **terms** [Hua12, ZT16]. **ternary** [TKK14]. **terrain** [ASL+18]. **terrestrial** [LYK12, Pon12]. **territorial** [BR12b, GSRR17, MGS16]. **territoriality** [HK10, TIY+11]. **territories** [GSRR17]. **territory** [JL11, MN14]. **tertiary** [Mas18, NHTS14]. **test** [All11, ARZ15, GZ19, HPB+14, LSSG10, NBW10, NBW11, RRG+12, RRC+11, ZPdFJ19]. **test-based** [LSSG10]. **testicular** [SFMS16]. **Testing** [NBW10, NBW11, RRC+11, RCD19, SAG19, CS14a, CS11b, JZZK11, NM11]. **testosterone** [GS17b, HS14a, Jam14, ZP11]. **tests** [GK16, SD16, TW13]. **tethered** [CKBCG12]. **tetra** [Sel15a]. **tetra-** [Sel15a]. **tetrahedron** [Den19]. **Tetrahymena** [ZGZ+10]. **Texas** [BLS+12]. **texture** [CLL18, KSM+15, NSBL10]. **textures** [DDF+14]. **TGF** [CWP+18]. **TGF-** [CWP+18]. **Th1** [EBE10, GMB11]. **Th1-Th2-Treg** [GMB11]. **TH17** [SGDL12]. **Th2** [GMB11, EBE10]. **thalamus** [HZG+17]. **thaliana** [BHH+14, HNA15, MBK+11, MBKB13, MLL+16, OFT15, SCÁBM10, SCÁBM11]. **their** [AP17, AHJ18b, BFS18, CFF12, CT18b, DLYZ11, EME+16, FD18, FS15b, GL14, GXF13, HPB+14, HM15, HZL+13, JLX+15, JCG15, KCMF11, KAN11, Kur10, LLLV11, LL13a, LD11, LCBO+12, MYK+11, MAW12, MP12, Pai19, PDC+17, PMCS16, QW11, RMSTG13, RT19, RBRB16, SMD+16, SS17b, Wal18, WSRG18, WXC10, XM11, ZADB15]. **them** [DBBW09, DBBW11, Di 12]. **Theor** [AEM14, BPF15b, BBM+13a, BBM+13b, BPGS12a, BMGC11a, CLG+11, CNG+12, DBBW11, EPJ+11, FIS16a, FS16a, GZ14b, GS14, dOGL13, Gün13, JN14, JRG14a, JRG14b, JCLS+21, KDK14a, KMLT14, LBS+11, LGK+12, Lei10, Lio24, LZT13, LHPF18, LPvSP12, ML12a, Mei13a, Mei13b, MLBA13, Mul12, NO14a, PSS+13, SCÁBM11, Sch21, Sch23, SZ16, SSKS20, SC13a, SRAL12, TSM13a, Van16b, WL12a, ZG10a, ZSCL16a, ZZR13]. **Theorem** [Gra18, LE19, WSM12, vV18]. **Theoret** [PL14a]. **Theoretic** [GDPPSS+11, Bar18, BBR12, DH16, DMSW10, MWSM13, MGS16, TWB16, WHYMG17, ZMAM19]. **Theoretic-experimental** [GDPPSS+11]. **Theoretical** [AK15, BB15, CMD+10, DS19b, DHK13, DHT16, EJ19, FKMP10, Fer12, Fue16, GHS20, GDB+19, JS18, LPB18, LBW+13, MBF+15, MdSPBL16, Mol18, PCT19, Pan19, PPC+17, PZS+10, PP19, QF10, RG10, RTEKG19b, RTEKG19a, RZIR16, RS14b, SK11a, SPA18, SYY17a, WLW20, XWW+19, XLG+15, Ano19-27, BD10a, BCKS13, BWM+19, BBDB13, CFF12, CPS10, CW11c, Che18, Che19, Cro19, CG11, DOC17, GGL+16, Gri15a, HDZ+19, HHS+10, IKHL16, KFG15, KCE+11, LPvSP11, LPvSP12, MR10, MYK+11, Mal10, MFMB12, Mor11, RDP16, SMM15, SMHB10,

SMS17, Sat17, SYI17, Ser16, SPMGR10, SGGY10, SNCM12, Sza15b, Voe18, YSST13, YLH12, ZPdFJ19, GGG12]. **theoretically** [Rao12]. **theories** [Di 16, Di 17b, HL11, Mor16, RB15, RBF15, Sak10, TGL15, YYST13, YMW12]. **theorists** [Ran12]. **Theory** [MMB18, MBS19, OT13, PWL+11, YYB+19, AE17, ASH15, AAJ15, Arc11, AS12, ABLH18, BCBD19, BCPM+16, BWP10, BORA10, BM16, BAM+11, Che12, Che16, CDM+14, Cle16, DMO+17, Di 10, Di 16, Di 17a, Di 17b, FHSG15, Fra19a, FHR13, FR13b, FR14, GBC+16, Gre15, HRDL14, HRD14, HKB10, HZWH10, IST11, KFG+14, KDMK16, KP16, Kue16, LP17, MP14a, MvAKR17, Nah12, NAK+11, NTFK11, RSH19, RC11, RH19, Rob11, Ros10a, RWH16, SA17, SGGM11, SSFG15, SC11a, SR10, SSD12, TR17, THBM10, Wal16, WRC+19, XNJ+13, XLLF17, vTMW15]. **theory-the** [Nah12]. **therapeutic** [CBGS18, DL12a, HAuR+18, HB18, LN13, MB12a, SPSM15, SSM+18, SH15, WB15, WFC+14]. **therapeutics** [GGQ+12, PYG+19]. **therapies** [Ala15, DH18, HL19, PDF18, RRTR12, SOF16]. **therapy** [AGRRTR11, AGRR+15, BAGG14, BGCB12, CFCM13, CLA+16, DDTL19, FKDW15, FM10, FM14a, GBJ+11, HBA10, HB18, HSLW16, KK18, LMM18, LNRK11, Mal10, MKMG+14, MSL+16, NH19, NSH+10, PMCS16, RRRRSPTR16, RAR19, SGAM12, SSN+14, TXWW12, TXCW15, VZB+15, WR14, WML+17, YCL+17, ZCT18]. **therapy-induced** [KK18]. **there** [Di 18, Ros10a]. **Thermal** [MK18b, BUL12a, JMS12, MK17, Pav14, RTRRS+17, RCL+10, ZG19]. **thermo** [MDD13]. **Thermodynamic** [Cha17, ABGM11, FTPN10, Ghu18, GGGM16, LGPS17, LD18, LWvB+19, Mar12, MH13, NN18, OABI12, PGT+19, WdLS17]. **thermodynamically** [vLFM+19]. **thermodynamics** [AH12a, FJ10, KK15, Tsu19]. **thermogenic** [RBB+12]. **Thermomyces** [KGP+15]. **thermophilic** [FLW16, LHH12]. **thermoregulation** [STKE12]. **Thermostable** [KGP+15]. **theta** [FR14, KA16]. **thick** [Don13]. **thickening** [Fok12]. **thickness** [BMM+14, IST11]. **Thickveins** [Che19]. **thing** [OAP14]. **thinning** [Lar10]. **Third** [JR17b, KDST15, KB10a]. **third-order** [KDST15]. **Third-party** [JR17b]. **Thomas** [BA19, TK19]. **Thomas-Rössler** [BA19]. **thoughts** [PBRW11, SB15]. **threading** [Bry13]. **threaten** [RDMP11]. **threats** [Dra19]. **Three** [ANY14, FJC+10, Kur19, XM11, BTH+13, BMN16, BCF16b, CRLH+19, DKF17, GDJC11, HVM13, HY13, KK12b, Kro10, MPY14, Mal15, MNSZ16, NO14a, NO14b, NTED+19, NOS17, SNY+13, SMA11, SMZ+17, VHS17, VBVD17, WPPD16, WCC13, ZR16]. **Three-dimensional** [FJC+10, BTH+13, MPY14, SMZ+17, VBVD17, ZR16]. **three-generation** [CRLH+19]. **three-person** [NOS17]. **Three-player** [Kur19]. **three-species** [GDJC11]. **three-stage** [NTED+19, SMA11]. **three-tiered** [WPPD16]. **three-trophic** [DKF17]. **threonine** [HKS15]. **Threshold** [GP12, BV12, BGL10, BN15, GDS11, HBSF11, HW13, HK16, KEKB18, LCG+15, MAS15a, PR13, SE10, SHF16, SS11, TL15, TMM10, ZTT18]. **Thresholds** [RW10, WB19, BN12, GSCS11, GGL+16, GRBL13, HBT13,

MCRG18, MGC13, OF10, RMF+18, SSZB15, Str15, TH17, ZXH19]. **thrombin** [SPA18]. **thrombocytopenia** [ZML19]. **thrombopoiesis** [SGL10, WVO+15]. **Thrombus** [MP19, MTdS+16, TAB+13]. **thumb** [Voe18]. **thuringiensis** [RBSD10]. **thwart** [Cro19]. **thy** [WMD+11]. **thylakoid** [LL17b]. **thymocyte** [MZMM+14]. **thymus** [MZMM+14]. **Thyroid** [MM15a, For14]. **tibia** [Cle18a]. **Tibor** [HS16, CB15, Sza15b]. **TIBS** [YXH+14]. **tick** [DB11, DDSDW13, WDL+13]. **tick-borne** [DDSDW13]. **tidal** [SM16]. **tier** [SKK18]. **tiered** [WPPD16, XDC+11]. **tight** [KRR14]. **Time** [BJOS13, NKB16b, PW19, Yam16a, AIY16, BGM19, BP15, BSKV18, BUC14, BH11, BCK19, BD12, Cam15, CK15, CV19, Cor16, CMJD11, DLSD15, DD10, DHP11, EAN14, FGGT15, FS16c, GLR+17, GCM17a, GFM+19, Gol16, Gre15, GBM18, Hal12, HY10, Höh15, JSK16, Kar16, KHRS10, KAKK19, KII19, LJM15, LS16a, LSM17, LBZ18, LP12b, LBS+14, MDS16, MTNM12, MMH+12, MYN+13, MYN+15, MS14c, MBP16, MSIR10, NIiT19, NS11, NMI18, NNvdB17, Opr10, PAK11, PDSP13, PTC13, PBR17b, PR13, PKH11, Rev15, STH18, Sim14, SVSP15, SS15d, Sta10, SMC+13, SBM+12, Voe18, WYKT17, Wax11a, Wei12, Wil11, WGC13, XSKA17, XKCG15, vDRT14, vE11]. **Time-delayed** [NKB16b]. **time-dependent** [Höh15, Wax11a]. **time-linked** [BUC14]. **time-reversible** [CK15]. **time-scale** [FGGT15, PAK11, WGC13]. **time-series** [NMI18]. **time-space** [PBR17b]. **time-varying** [DHP11, NIiT19, NNvdB17, SMC+13]. **timed** [ANY14]. **times** [CW15c, CK19, DBBW09, DBBW11, FS12, KC17, Lab16, LCC15, LPKH15b, Par15, Sch18, Sch21, SM11a]. **Timescale** [RWW+15, PP14]. **timescales** [ESS19, WD12]. **timid** [LG19a]. **timidity** [GG14]. **Timing** [OS13, BZA16, BI12, BHLH12, HJWC11, OABB18, TTC10, WSRG18]. **TIMP** [SMS17]. **Tinker** [Ou19]. **TiO** [ALM+19]. **tip** [EdKM11, LLK14]. **tip-growth** [EdKM11]. **Tipping** [CNDK15, KMN16, YI17]. **tire** [PVCEC18]. **Tissue** [GSSBF18, GL18b, RW14a, BSP18, BJO+16, BJWL15, CF11, CLCH10, CGRRGM+16, DBBW09, DBBW11, HPP10, Hir16, LMC+13, LW18, MYK+11, MBBV14, MA11a, MAMEA15, MH13, MHMM11, NHE+16, NTOI16, POP12, PDL+17, RTRRS+17, Rem15, RJSC18, RC13, SBSR13, SGS15, VH11b, WMPF+15, Wod18, Yat14, vDVFH+18]. **tissue-diet** [Rem15]. **tissues** [BTF19, DS16, EHBC10, FAFA17, FM14b, Kro10, KBF18, LLB+18, MYK+11, RHS14b, RHS14a, Wal16, ZGS+10]. **tit** [BYJ17, YBC17]. **tit-for-tat** [BYJ17, YBC17]. **titration** [Mar17b]. **Tiwanaku** [FBU11]. **TK** [SAKG13]. **TK/TD** [SAKG13]. **Tkv** [Che19]. **TLR4** [Gün13, Gün12]. **TNF** [MMFK10, RAR19, WPH+12]. **TNF-** [RAR19]. **toe** [SHW16]. **toes** [LCBO+12]. **together** [GN14, Mor10b, ON14, SSP15, TTN13]. **tolerance** [LPB17, Moo14, VB19b, LPB18]. **tolerated** [BH13c]. **Toll** [AES+13]. **Toll-like** [AES+13]. **tomato** [AKdV+14]. **Tomlinson** [BR14]. **tomography** [CZPC+18, LDB+14]. **tongue** [TF16, WHWZ18]. **too** [OAP14, VWF19]. **tool** [AEZR+16, BVJE17, HYSG19, MdFDM10, PCL+15, SVA18, dEG11]. **Tooth** [Fre10, TIMI+15, AKR+18, CGRRGM+16, IvLP12]. **Top**

[ZYD15, MPS+11, SC10b]. **top-down** [MPS+11, SC10b]. **topographic** [SCT12]. **Topological** [HNO18, JC16, MEJ18, ACdlRMR+11, FBAPMD13, HZL+11, cLCJ+10, MBE10, YWW+14, YWZ+16]. **topologies** [ADR11a, BKL14, ZSO16]. **topology** [BBS18b, CL13a, CK15, GJS+10, IMA14, LS14b, LCL14, MvdDW13, MD16, PJL14]. **toppling** [Lar10]. **torque** [GY18]. **torsional** [APW10]. **Tortuosity** [LXJ15, PA15]. **tortuous** [Che14]. **torus** [SGKCP19]. **Total** [Gar14, Gra14, JRG14a, JRG14b, JRG14c, RTR+13, RLW+14, RHT18, TKB+18, TW12]. **touch** [ARB13]. **touch-down** [ARB13]. **tourists** [ZZL19]. **toxicant** [HAK+19, LLL13, PPW16]. **toxicants** [NNK10]. **toxicities** [QLWC19]. **toxicity** [FSA15, RWW+15, RGL+17, TTB+18]. **toxicodynamic** [SAKG13]. **toxicokinetic** [SAKG13]. **toxicokinetic-toxicodynamic** [SAKG13]. **Toxin** [DHV19, BSL+17, HSR12, YWW+14]. **Toxin-mediated** [DHV19]. **toxins** [HWL15, PWZ+19]. **Toxoplasma** [JSSZ12]. **trabecular** [ASH15, SAB10]. **tracer** [BGF+14, BHSB11, BvLH14]. **tracer-transport** [BHSB11]. **tracers** [BSMK11]. **Tracing** [CW13, BGW15, CNL14]. **tractable** [SBJ13]. **Trade** [MLT10, PBB10, Chu18, FtL18, HMH14, JB18b, KZ14, MLMG+15, PVCEC18, PBD11, WK15]. **Trade-off** [PBB10, HMH14, JB18b, KZ14, WK15]. **Trade-offs** [MLT10, Chu18, FtL18, PBD11]. **tradeoff** [Lug15, PHPM18]. **Tradeoffs** [KL13, DBB14a, Fra19a, LSM17]. **Trading** [AS13, DMS+16, ESE15]. **traditionally** [AM14]. **traditions** [KLM14]. **traffic** [MSA+16]. **trafficking** [CN10]. **tragedy** [MB18c, VSP11]. **trail** [Amo15, RRBM12]. **trail-laying** [RRBM12]. **trained** [LT14]. **training** [CXC18, SG15b]. **trait** [BCF+16a, BBS18b, CVO+15, Cre10, GCZ+12, Gri15b, HD11, HT13, Jab10, MH18, Mog15, RK18, RBB16b, SL10, SLL18, SA13, SYY17a, SYY17b, TGLK19, Van16a]. **trait-based** [Jab10, SL10]. **trait-dependent** [TGLK19]. **trait-mediated** [MH18, RK18]. **traitorousness** [Lai11]. **traits** [BBS18b, BGLR+19, CRLH+19, CL18, DXW+16, JPDP10, LIPD12, POW18, RCD19, SB12, SMG18, SQZZ17, ZMW10, ZMT11]. **trajectories** [CHL+19, LWLM18, LAJC19, PRSC11]. **tramadol** [ACR+17]. **transactions** [MLMG+15]. **transboundary** [NBA+18]. **Transcellular** [Sil16]. **transcranial** [FR13b]. **transcript** [SC11a]. **Transcription** [HG18a, KEHK17, MSND12, Bar19, Das18, FLM18, GY18, KHS13, LLY15, MMH+12, Mic11, MHD18, NZZ19, PHÁBAI+16, Sel15b, Sel16, Sel17, YST14]. **Transcription-associated** [KEHK17]. **Transcriptional** [Pol12, ARG17, BPP+16, DM19, Hal17, HCHI18, NZZ19, Sel15a, TK10b]. **transcriptome** [SLW+18a]. **transcriptomic** [CTSL11]. **transduction** [ANK10, ANY14, DFM+19, JC10, RW10, RHJ11, SAA10, Tsu19, VLPH17]. **transfer** [Di 12, FXML18, LWW14, LWL+11, MTE15, Mau15, Mei12a, Mei12b, Mei13a, Mei13b, Mei14, NNK10, PMSY17, RS19, SSS13, SLHS13, ZDF+12]. **transferrin** [GHBI16, YCL+17]. **transferrin-CRM107** [YCL+17]. **transfers** [BCBD19, bCRS17, CL13b, DLM+19, GSF13]. **Transform**

[YCY14, ATRR10, AAJGCD15, CL17b, GT14, YZW10, YY15, ZLDZ13].
transformation [CMHM19, FH14, Gla13]. **transformations**
[Bal13, FGGS15, MH13, RKMG12]. **transformed** [KNA+18, SCsMzX18].
Transforming [HMW16, MHMM11]. **transforms** [JLX+15, SVCS10].
transfusion [HSLW16]. **transgenic** [BAR14, LBGW13]. **Transient**
[BB11a, KK18, BF16, FGH+14, Hor11b, LLTP19, Lüt16, PW19, RW10].
transients [MBP16, SHF16]. **transit** [KS15, SSZB15, Wei12]. **transition**
[BBR10, CCdS15, DB10, KL11, Kin18, MS14d, OTTF11, TWB16, TK10c,
ZLW16]. **transitional** [HSiI+19]. **Transitions** [MVGGB18, WD11, DS10a,
GJ15a, MB17, RA17, SCA13, TBM+13, WK18a, XNW17]. **transitive**
[DN18]. **translation** [BBRT12, DCL18, GYWJ10, GRRG16, KSvdH18,
SGD+16, Van17b, Xie13b, ZTWL12, dSKBS10]. **Translational**
[Tak17a, BPP+16, EBSW17, KSvdH18, XG12]. **translocation** [ACH15].
transmembrane [CZT+16, EG12, IHNS16]. **transmigration** [Kun16].
transmissibilities [WN19]. **Transmission**
[EN15, FRP14, KR15, MCCC+10, XSTW14, ABB+19, BBR16, BDR10,
BHO+18, CDO17, CT18a, CLK18, CBC+18, CG14, DFM+14, DB11, Déb17,
DBBM11, ERT13, GSYS10, GWCA14, GC18, GL12b, GAY+11, HAP+16,
HHE19, HBL10, HLTW14, JSSZ12, KGK10, KLJ17, Kle14, KZ14, LLN+19,
Lan16, LKK13, LCC15, LJ15, LKO+17, LP19, LN19, LMCW18, MHMM18,
MHX+14, MCC+17, MG10a, MSB16, yTRSC13, MGC13, MMRCCC10,
NKL10, NT14, NDZMA14, NTED+19, NYSM12, OVKL14, OL19, PSJ15,
PNVN18, PaCZ10, PT10, PKZ12, PSL+10, PEZ+13, RC16, RDSD+12,
Ros10b, RCL16, SW16, ST17a, SN11, SSST19, SY11, TC12, TDM14, TCB13,
VGZS18, WW12a, WZJ+13, WL15, WCJ11, YTK10, ZZL19, ZN18, ZXH19,
ZZR10, ZZR13, ZRZ15]. **transmissions** [KK12a]. **transmissivity** [Cam11].
transmitted [BPFR16, BCF19, CCW16, HE16, HHA+13, MPM10,
MBC+12a, TB18, YZMY18]. **transmural** [DLMK12]. **transplant**
[WLL+14]. **transplantation** [EUM+16, MI11b]. **transplanting** [MI11c].
transplants [JEA18]. **Transport** [ISM+11, SF15, AMM16, BD10a, BHSB11,
BvLH14, CN10, DLEMP19, DEK15, DS16, DFG+18b, FZ14, FM13, FM14b,
Fue14, Fue15, GDF18, GSSBF18, GZFX14, GSGV11, HPP10, JSK16, JG14,
KBS+19, KBS+20, KK17b, KH19, LM15, LS15b, LCT11, LFD11, LBZ18,
MAFK12, MN12, MSC10, MK17, ML12b, Mor10a, MLL+16, OFB10, ØW16,
PCT11, PCT19, PWC+15, Pan19, Pel18, PA15, QA15, RHS14a, SCH+19a,
SSFG15, SL19, SB15, SPL14, TLL+12, TC11, WFC+14, ZGS+10].
transport-related [LCT11, LBZ18]. **transportation**
[GSN+11, KHP+12, ZG10a, ZG10b]. **transporter** [Dim17]. **transporters**
[PGT+19]. **transsulfuration** [VHM+17]. **transversally** [SGB12]. **traps**
[CGD13, LIPD12]. **travel** [DB18, MSBB13]. **Traveler** [MRPN12]. **Traveling**
[LDHD14, KO18, LW18]. **treat** [PPC+17]. **treated**
[DDTL19, HS14b, NMAZP16, OOY16]. **treating** [BFJ+18]. **Treatment**
[HSLW16, AKS+19, BS15a, BCF19, BH13c, BBI14, BCPG18, CWM11,
CB13a, DD18, DGD+11, GSSBF18, GPD18, GBRS19, HLTR19, HGM+16,

IBB+15, KBV11, KCSB14, KST17, LCTG15, LF19, LCCC10, LGMV14, LZL+19, MS13, MVH11, NTED+19, PCL+15, RCH14, SOF16, TDKJ15, TGZF11, VZB+15, WB15, WMN18, WCJ11, WCM15, ZZL+11]. **Treatment-donation-stockpile** [HSLW16]. **treatments** [LXLF14, MBPS17, TDHC+18, TALC16, TWB16]. **Tree** [ADV+10, DMSW10, ADR11a, AdlPLMZ13, CTA15, bCR19, CK15, CS15a, CMJD11, DGL12, DAVS11, Di 19b, Di 19c, FM18, GK16, GJ15b, GRCdL16, Hay16, HDNB10, HMW16, LWH+11, LMJ+16, Mig16, QQL10, RM17c, SM17a, SMD+16, SLHS13, TGLK19, VW10, vE11]. **tree-based** [Hay16]. **tree-child** [FM18]. **Tree-grass** [ADV+10]. **tree-grass-soil** [DAVS11]. **trees** [AM10, AHR10, BNG16, DDS13, GD16, Gou15, GRR+14, HS11, Kär11, Lar10, LG18, MS14d, Mul11, Mul12, MC15b, NP15, Oka15, SW16, SSS13, SWG+15, SMC17, Sta10, SSKS18, SSKS20, Ste13, TI13, YLH12, vIK11]. **Treg** [GMB11]. **TREX1** [GSS19]. **tri** [KPG19, Kři14, LTL+15]. **tri-gram** [LTL+15]. **tri-trophic** [KPG19, Kři14]. **trials** [DH18]. **triangulation** [QLWC19]. **Triatoma** [MMG+16]. **trichome** [YLY15]. **trifallax** [BKC+16]. **trigger** [ZLY+13]. **triggered** [HL14, WRC+19]. **triggerfish** [YSST13]. **triggering** [RRG+10]. **triggers** [HBSF11]. **trilobite** [SKSO12]. **trimorphic** [Kar12]. **trimorphisms** [RQB17]. **Trinary** [TSM13a, TSM13b]. **trinucleotide** [FS15b, MP13b, Mic15b, MPP16b, ZLDZ13]. **trinucleotides** [RGP13]. **trios** [MHKA16]. **Tripathi** [Pan19]. **triple** [NJP18]. **triple-negative** [NJP18]. **triplet** [DMCP14, FW15, HM11b, dSMP+11]. **triplet-structure** [FW15]. **triplet-wise** [dSMP+11]. **trisporic** [EBSW17]. **trisporoid** [ESW13]. **Trivers** [BD10b, Jam13]. **trivial** [HA15b]. **tRNA** [BB13, Di 12, Di 17a, Di 19a, Rog19, Sel14a, VHS17, Xie13b, YLC16]. **tRNAfeature** [YLC16]. **tRNAs** [Di 13b, Sel11, Sel12b, Sel14a, dF13]. **trophic** [All11, DKF17, KPG19, Kři14, PMSY17, PML18, RM13, SL10, SRS18]. **trophically** [BPFR16]. **trophy** [HF17]. **trophy-hunted** [HF17]. **tropical** [HDNB10, SS15a]. **tropism** [OAP14]. **troponin** [RG18, VM16]. **trout** [KSKS13, MNH+12]. **trp** [HVSZ10, ZCSRG12]. **TRPV1** [MK18b]. **truncated** [Den19, JZZK11]. **Truncation** [MB16, MB19, VDTF15]. **trustful** [PCN17]. **Trypanosoma** [KZ14, PKZ12]. **tsutsugamushi** [KGK10]. **Tuberculosis** [MEKK11, BCPG18, CJL15, Ger16, GBJ+11, GDB+19, GAY+11, GAY+15, HYN19, HN19, KdlRJ18, LBMG16, LGMV14, LKAJ18, MM12, MMFK10, MG14a, OO11, PDRC16, PL14a, PL14b, PCL+15, RK19, TDM14, WDL+17, WCJ11, ZLZ15a, KS10, PCC15, SCC11]. **tuberculous** [EKvdKvFK13]. **tubes** [CKD11]. **tubule** [Hir16]. **tubules** [She11a]. **tubulin** [BJ18, DHHP14, KGM15b, SSZR17]. **tubulin-driven** [DHHP14]. **tubulogenesis** [HHA17]. **tufted** [VB19a]. **Tug** [SP14, Non10, SR10]. **Tug-of-war** [SP14, Non10, SR10]. **tumble** [AA12]. **Tumor** [CL14, CL19, GCSP17, KBV12, AGRR+15, ABV19, BPC15, BSV+10, CFCM13, CL18, CMHM19, CCAdS13, DFG+18a, DS16, EBE10, EKvdKvFK13, FJC+10, GLR+18, GL18a, HM10a, KHX+19, Kar16,

KRDJ15, KRR14, KL18, KC11a, KK18, LL14, LBF13, LS16c, MOEdP16, MRF19, MKKS14, MFL+18, MGM13a, NF17, NJP18, OAP14, PA15, RTEKG12, RTEKG15, RTEKG19b, RTEKG19a, RRTR12, RRRRSPTR16, SGB19, SFMS16, SSM+18, SZ15b, SKD+10, TTB+18, VDD+17, Wod18, WFM+13, WFC+14, YZY+16, YBT+17, ZZL+11, d'O12]. **tumor-immune** [GLR+18, MOEdP16, MRF19, MGM13a, RTEKG12, RTEKG19a]. **tumor-induced** [Kar16, SSM+18]. **tumor-tropism** [OAP14]. **tumoral** [LDF+11a, PDF18]. **tumorigenesis** [DM11]. **tumorous** [ZZS19]. **tumors** [AGRRTR11, AK16, BAM+11, LS15c, PMK15, TW12, XLLF17, YLLL12, ZSSM14]. **Tumour** [CdMB10, MGGM10b, SGGM11, AKS+19, AHW13, BBJ+10, BFGS10, BJO+16, BB19, CXWL11, DBBW09, DBBW11, DTGC14, HNP18, HB13b, IBB+15, JYY+18, JMC+10, KHP+12, PGHC12, PM13, SLD+17, TDSM12]. **tumour-associated** [BB19]. **tumour-induced** [SLD+17]. **Tumour-stromal** [MGGM10b]. **tumours** [BSB+13, Car17, JKF19, MCL19, MGGM10a, SHvHB16, dG10b]. **tuna** [RDD14, TTW13]. **tunability** [MK18a]. **tunable** [BN12]. **tune** [SSZR17]. **Tuning** [JRMS12, LXS15, OAJK10]. **tuple** [LFW+15]. **turbid** [MMB18]. **Turbulent** [MN12, WST15]. **Turgidity** [GRCdL16]. **Turgidity-dependent** [GRCdL16]. **Turing** [FK13, Kon17, KGM+15a, SGKCP19, ZSO16]. **Turk** [Ran12]. **turn** [SHLL11, Toz15]. **turnover** [DP13a, Gin10, LMC+13, PMK15, SHB+17]. **turtle** [NSO15]. **twice** [Gar14]. **TWIG** [CMJD11]. **Twist** [Zol14]. **Two** [BC15, BKL14, Coh15b, DGJ14, GW14, HZW+14, KC17, MRPLAS15, Mit14, Mog15, O'F11, Pan11, RKJ+11, ATB14, AC15, AHJ18b, BLV18, BPFR16, BBS18a, Boc12, BP16, CS14a, Chu10, Cre10, DEG+14, DGJ15, Di 12, Di 19a, FZ14, FK13, GMZM15, GI10, GGM12, GPR+16, GT15, HYA14, Han12, Has14, HTK+18, HB13b, JV14, JC10, JSWY19, JCG15, KA11, Kar12, KB10a, KMCJ17, KCSB14, KN11, Lai11, LCC15, LBZ18, Mal15, MMFK10, MB10, MBLC17, MSS10, MPLK14, MHMM11, NBS+13, New11, NTOI16, OUMA10, PBB10, PBvdG10, PC10a, Pła10, RMM+16a, Rei12, RBB16b, SC10a, SL10, SvK12, SBR10, She11b, TWW19, TBB14, TT10a, VCF+19, WL12a, WL12b, WMK16, WcW14, Wan19, WBMM18, WF17, XDC+11, XGZ17, ZLL17, ZN18, ZXH19, ZK10, vIK11]. **two-allele** [WL12a, WL12b]. **two-compartment** [MHMM11, PBvdG10]. **two-compartmental** [MMFK10]. **two-component** [OUMA10]. **two-delay** [KCSB14]. **two-dimensional** [ATB14, FZ14]. **two-fold** [KB10a, She11b]. **Two-intermediate** [RKJ+11]. **two-layer** [AC15, FK13, WMK16]. **two-level** [AHJ18b, JCG15]. **Two-part** [Mog15]. **Two-patch** [DGJ14, BLV18, KA11, LCC15, LBZ18, TWW19, Wan19]. **two-person** [Pła10]. **two-phase** [WBMM18]. **two-phenotype** [BBS18a]. **Two-player** [KC17]. **Two-scale** [BC15]. **two-sensor** [GT15]. **two-sex** [Chu10, GGM12, MB10]. **two-species** [Cre10, Han12, PC10a]. **two-stage** [HYA14, JSWY19, ZK10]. **two-states** [XGZ17]. **two-strain** [ZN18]. **two-tag**

[Lai11]. **two-thresholds** [ZXH19]. **two-tiered** [XDC+11]. **two-trophic-level** [SL10]. **Type** [JZL13, AF10, AD15, BSR14, BPF15a, BPF15b, CNM+13, DS13, EMM10, GKW16, HHJR11, HA15b, JDPK15, JDSPK15, KSU+18, KB15, KDL16, KF10, LJ18, Mor10b, MMB14, NS11, NKOS11, PSD+18, PRN10, RFdL15, RAD14, SDKF12, SAD17, SVA18, Wei17, WHS+13, Zha10a, ZXC+10, DFMR19]. **type-2** [AF10]. **type-dependent** [PRN10]. **types** [AH15, AHJ18b, BK19, CL13a, CCY+19, Di 19c, HYA14, HK11a, HK12, JD16a, JD16b, KDG13, Kar12, KHKI17, LZ18, LD11, MJ11, NO14a, NO14b, SM17a, SM18, SN16, SBR10, SVB+10, SHLL11, TP17, WMK16, WXmH10, WK18a, ZADB15, ZZG+16]. **Typhimurium** [SPSM15]. **typical** [TTP17]. **Tyr422Ala** [NZZ19]. **tyrosine** [CFR+14, CMR+18].

UAR [Sel12b]. **Ubiquitin** [PRH+11]. **ubiquitous** [MIH16, YY18]. **Uhlenbeck** [BGKL17]. **ulcers** [FKDW15]. **Ultimate** [BC15]. **Ultimatum** [IRS11, NOS17]. **ultra** [FS11a]. **ultra-structural** [FS11a]. **ultradian** [HBA17, PRK13]. **ultradiscrete** [GI15]. **ultrafiltration** [dlRVFK+16]. **ultrametric** [GD16]. **ultrasensitive** [MBM11]. **ultrasensitivity** [JRG14a, JRG14b, JRG14c, Str15, XG12]. **umbrella** [MSA+16]. **un-biased** [KHKI17]. **unassisted** [Mar12]. **Unb** [KHKI17]. **Unb-DPC** [KHKI17]. **unbalanced** [MR15]. **unbiased** [NPH+12]. **uncertain** [Ala15, KM18, KDS18, MZAI19]. **uncertainties** [KLHS17]. **Uncertainty** [YD15, CT14b, Che14, MWSM13, SJSK18]. **uncompetitive** [VACGF17]. **uncoupling** [Mar12]. **Uncovering** [CML10, CzST+18]. **Undaria** [MJV16]. **underdominance** [ATRR10, EA17, EA19, KEKB18]. **underdominant** [LR16]. **undergoing** [BBR10, CKBCG12, DB10, RM10]. **underlying** [AP13a, HK14, KAN11, MvAKR17, RDD14, SN12]. **undermine** [ZCW13]. **underreporting** [MCCC+10]. **undersampling** [JZ17]. **undersampling-synthetic** [JZ17]. **understand** [ÁTC+14, HKS16, Mal18, MLBA12, MLBA13, RDP16, SCC11, YG18]. **Understanding** [AIB+19, BN15, CS14b, DG12, DBG18, GN10, JDPK15, Leh18, NS11, PDRC16, Rao12, SV14, SBJ+18, ZXC+10, vLSBBD11, ANK10, CR14, CB10b, Di 19a, FM15b, HGM15, LCCB11, MRPLAS15, MMLK11, NT14, dLMD+11]. **undetected** [Hou15]. **unexpected** [Eft13]. **Unfolding** [DG16, Ste12]. **uni** [WD11]. **uni-directional** [WD11]. **unidirectional** [HHJR11, Hor11b]. **Unified** [MvAKR17, CL17a, KFG+14, LN13, NHM10, RTR+13, SR10, TT10a, Xie15]. **Uniform** [DLMK12, CR19, KBKK14]. **uniformities** [Giv10]. **uniformity** [Yin17]. **Unifying** [FB18a, Luo14, PBB+15a, Ros10a]. **unihemispheric** [KAPR12]. **unimodal** [FH13b]. **uninfected** [HII+19]. **Unique** [MI11a, CRH+15]. **unit** [BCK19, CS11a, WBM+15, WK12]. **unitary** [XY14]. **units** [MS10a]. **Universal** [JSC+16, MSK10, Bar19, CCdS15, Di 19c, Hay16, JBSFB12, OM10, Rou14, WTQL10]. **universalities** [BCGD10]. **universe**

[YDC+13]. **unknown** [BJOS13]. **unloading** [MYK+11]. **unmineralized** [KF10]. **unordered** [BNG16, Cut15]. **unpredictability** [IS10]. **unpredictable** [Bon12]. **Unraveling** [DKS15, JDSPK15, NBBCC18]. **Unravelling** [MGO+15]. **unreliable** [GL12b]. **Unresolved** [RBF15, Coh15b]. **unrooted** [CK15]. **unspecific** [HG18a]. **unstable** [SSN+14]. **unsteady** [GI10, Whi11]. **unstirred** [DK13b]. **unstressed** [BHBR12]. **unstructured** [MKKS14]. **unsupervised** [NNK+15]. **unsynchronized** [MA10]. **untie** [NvHM13]. **until** [Gre15]. **Unusual** [Mou12a, CEdLSG+16]. **unveils** [DS15b]. **unwinding** [Xie15, Xie18]. **update** [CV15, Jam14, WMT10]. **updated** [Kon17]. **updating** [QMJW15]. **upon** [LYM+19, PMP13, RAD14]. **upper** [CLP11, RRB10]. **upper-body** [CLP11]. **upregulate** [MHD18]. **ups** [vdBD10]. **Upstream** [IM10, PPBT11]. **uptake** [Ber14, Che16, CFR+14, CMR+18, FM13, FM14b, JSWY19, KF12, LLB+18, PWL+11, SSB+15, TW12, WST15]. **urchin** [SCS14, vHHKB14]. **ureteral** [VF12]. **ureteric** [LF16]. **uroguanylin** [MPP+16a]. **ursinus** [BCF19]. **usage** [EBS11, LY14, SS19]. **Use** [CLL18, WHL13, ZLT+19, ADB+13, BW13, Eft13, Gau11, GWE11, GRCdL16, HSR12, HMH14, JMH+19, KGJ12, LWLM18, MPT19, PH13, PWH+13, SKK+12, SS15c, SD16, TT10a, TDE12, WB15, Wil11, ZKMB19]. **used** [GvVT14, SOIO10]. **useful** [Gla13]. **users** [DK13a, MVH11, RDSD+12]. **uses** [EHSR17]. **Using** [ATRR10, BGKL17, BTF19, CZPC+18, DBBW09, DBBW11, ESG+16, EMM10, FKB+12, GMZM15, JSF+11, KK15, Kri18, LlLYB13, LXC15, MFG+13, NSH+10, XNJ+13, ZZG+16, AFS19, AGB+14, AH12b, AEZR+16, AJC12, Ala15, AH15, AH16, AHMA+19, ABIM10, AAJ15, BS15a, BMI19, BJJR10, BMN16, BGF+14, BSKV18, BF16, BJO+16, BCFR10, BR12b, BMB+18b, BPGS12a, BPGS12b, BBP13, CMPS17, CZW+11, Che12, CWP+18, CLK18, CJL15, DGM15, DKP+18, DLL+17, DROC11, DBG18, DZJR10, EAN14, FHG15, FLCS+15, FKDW15, FWLW11, GYWJ10, GXFF13, GKNT10, GMM+13, lGLLL14, HBK12, HMMSRSD15, HAB+17, HTK14, HM11b, HYZ+15, HZL+13, HY16, IMW15, JD16a, JD16b, JW18, KKD18, KHX+19, KCZ+19, KSP+14, KKGN16, KMA10, KHK15, KB19, KJ19, KCSB14, Kit10, KFW12, KDS18, Kon12, KAKK19, LCMC14, LWH+11, LCJ18, LL12, LL13a, LL14, LYF+15]. **using** [LTP19, LT14, LJ10, LLB+18, wLW10, LBS+14, LPD+16, MS14a, MPJH13, MSND12, MFZ18, MALAN17, MIH16, MBE11, MAR+17c, Mou12b, NH19, NBS+13, NSBL10, NNK+15, NK18, NMZ19, NI11, NHSX14, OSN18, PAK11, PDM17, PS13, PBEI12, PPF17, PKH11, PP18, PP19, PSAA13, PPT+16, QW12, RSS+18, RSD+16, RMM+16a, RA10, RNVP10, RP18, RRTR12, RBF15, RM17c, SIK+18, SS17a, SRD+15, SM14, ST17a, SM17a, SMG18, SGW17, SLDP13, SBT+18, SSSD17, SMS19, SHLL11, SCF+12, SSS15, SGDL12, SLT+18, SWPC+16, SKK18, SCLC13, SSRA16, SVCS10, TBQG14, TAI+18, Tay16a, TLT+15, TBMM19, TF18, TWC+19, THBM10, TGZF11, Tun13, USF+18, UPWK15, VF12, VZB+15, Wal12, WMK14, WH14, WDN+19, WHS+13, WGH+14, WZ15, XWD+10, XXD+17, YMW12, Yin17,

YLH12, ZDG+10, ZLY+13, ZSZM14, ZKHL16, ZRGW19, ZNCM15, ZZN+19, vdSS12, vTMW15]. **usually** [KB10a]. **utility** [Bry13, RWH16]. **Utilization** [KK17b, MHC16]. **utilizing** [QJR+16, WYX+17]. **UTRs** [SGD+16]. **UV** [BKPV15, DM15, PHTP+12]. **UV-induced** [BKPV15, PHTP+12]. **Uygur** [WZJ+13].

V [BTF19, BZJP18]. **VABP** [KKS+14]. **vacant** [GSN+11]. **vacant-particle** [GSN+11]. **vaccinate** [KTJ19]. **vaccinating** [BB10]. **Vaccination** [WLW19, WLW20, ZTT18, CR14, Cha18, CT14c, CFF11, DB19, FWW18, FHM18, HB16b, Hou16, KM15, KTJ19, LY11, LZY+15, MvdDW13, MFN+18, PaCZ10, PRM14, RK19, SBCR10]. **vaccination-subsidizing** [KTJ19]. **vaccinations** [Che18]. **vaccinators** [CT18a]. **Vaccine** [JSC+16, dM10b, BBT+15, CRH+15, Che18, GVSLG16, HHE19, KRDJ15, KR15, KJ19, NGJ+14, SGA+12, SSRA16, TWR+18, dMP11]. **vaccine-derived** [KR15]. **vaccines** [MIJ16, MDMG14, RKK+19]. **vaginal** [DBBM11]. **valence** [BTF19]. **validated** [LSMP14]. **Validating** [Tay16a]. **Validation** [GCB17, GMOP12, WWY12, AENK12, ALD+11, DDF+14, JAHKH12, PFJS15]. **Valley** [XSCS12]. **valuations** [CB10c]. **Value** [RMB15, WF17, BH13a, DBB+17, Gar14, Gri15a, KMMS17, LV17, Mac14, MPC12]. **valued** [HMWB13]. **Values** [CRLH+19, AIY16, Gra14, SS15b, vTMW15]. **valve** [ASC15, LCA+15]. **variabilities** [Gol16]. **Variability** [BI12, MSL+16, PN16, APS+13, ALH16, BHKR14, CH16, DPRSS11, DTGC14, Fra19b, JB19b, KEHK17, KAKK19, LS11b, MKMT14, PW18b, PMSY17, RRRRSPTR16, STLJ18, WMPF+15]. **Variable** [CB10c, AdVG15, DTP19, Gou16, Hal12, KL13, KK17a, KM19, KK13, LRL+16, Laz13, Lug15, MGM13b, NP15, WTZ+11]. **variance** [FS12, GJ15b, WCS19]. **variant** [MP13b, ZGW16]. **variants** [GZ19]. **Variation** [CBL14, BBS18b, CC10, CK15, DMM+14, GGBW14, Gri15b, GAV15, Jam12, Jam13, LLH+13, NNK10, PCB14, RMM+16b, RR12, TA13, TEY16, WS10]. **variational** [CHH10, FMS+12]. **variations** [FBU11, LVLC18, Mal15, Oka12]. **varicella** [GMR16]. **Varicelloviruses** [KB10a]. **varied** [SRS+15]. **varies** [MG14b]. **various** [BI19, Kri18, MOSS15, OFT15, PWZ+19, QLWC19, SM17a, SN16, TWC+19, YW13a, ZMS11]. **vary** [NG11]. **varying** [BV13, DHP11, HRDL14, HRD14, LC17, NIiT19, NNvdB17, SMC+13, YSST13]. **Vascular** [GCB17, HGM+16, BJO+16, BPPC15, FRTP13, Hal16, HTM15, HB13b, LSMC18, LC10, NF17, PHA+17, SWG+15, SBP13, SLD+17, dlRVFK+16, WFM+13, WFC+14, dG10b]. **vascularised** [dG10b]. **Vascularized** [RHS14b, LS15c]. **vasculature** [NJP18]. **Vasomotion** [POP12, HPP10]. **vault** [BFGAGA16]. **Vector** [Hua16, BZ10, CBC+18, DDLW10, GYWJ10, GWCA14, HLHY17, HB16b, HTB+13, HZL+11, JWTW17, JW18, KHX+19, KEKB18, KMCJ17, KSKK15, LYF+15, MRPH17, MS16, MMG+16, MBE11, MYOS14, NTED+19, NHSX14, OL19, PRSC11, PKZ12, SHLL11, TXTW16, TEY10, WDL+13, XWD+10,

ZDG+10, pZWZ+16, ZZC+17, ZN18]. **vector-bias** [KMCJ17, OL19]. **vector-borne** [BZ10, CBC+18, MRPH17, MYOS14, PKZ12]. **vectored** [WW12b]. **vectors** [DROC11, OA12, RC16]. **Veelen** [Mar11]. **Vegetation** [BFM10, WZ18, BS19b, SYSM11, TCR13]. **vegetation-ring** [SYSM11]. **vegetative** [RAAS15]. **VEGF** [LF19, LDF+11a, LRA+13, WHL13]. **VEGF-A** [LDF+11a]. **VEGFR1** [LSMC18]. **VEGFR2** [BZJP18]. **vein** [GB13, LFM14]. **velocimetry** [MAR+17c]. **velocities** [SL19]. **Velocity** [TCH14, GMMN18, LM15, WMT15]. **vena** [NPMM15]. **venom** [DS10b, WB15]. **venoms** [DS10b]. **venous** [FKDW15]. **ventilation** [Don16, SEK+10, STKE12, SCT12]. **ventilation-perfusion** [SEK+10]. **Ventilatory** [HLVR16]. **ventral** [SSKK17]. **ventricle** [KCS+15]. **ventricular** [STNT17]. **Venus** [Leh18]. **veridical** [MMH10]. **verification** [ARR14, BFS18]. **vermifuge** [KKUM10]. **vernalization** [Sat10]. **versatility** [Cor18]. **version** [PMW12]. **versus** [ACT12, BH13c, BID15, CL17b, CFR13, GCM17b, HvLPdB15, LM15, LYK12, LYM+19, ME15, RW15b, SL19, TKTB18, VBV10, ZSS10, Zol14, vDRT14]. **vertebrate** [Kri16, SWSLMJ19]. **vertebrates** [MPL16]. **vertex** [HNO18, MFKS13]. **Vertical** [PSL+10, RRB10, Cle18a, Cle18b, HCS+19, JLH+15b, MYLK11, MA10, MK16b, NNK10, Gro17]. **very** [Ano19-50, HS14c, UI10, VWF19]. **vesicle** [NHM10, Pel18]. **vesicles** [PWC+15, SWSLMJ19]. **Vessel** [Fok12, CPS19, FWR19, LSC+18, dG10b]. **vessels** [CCG+18, HPP10, LMM+13, MGGM10a, POP12]. **vestibular** [LSB10, LB11, LB12]. **Vestigial** [Zhu11]. **VI** [NHTS14]. **via** [AFS19, AD16, BdABY13, CW13, CPW16, CCS18, DGL12, DGMY18, Don13, DvDBD15, FW15, FD11a, FE10, GTB10, HPB+14, HY13, HKR+19, JYZ18, KSvdH18, KDK14a, KDK14b, LBGW13, LHW14, LZ18, MMY+12, MGT17, MKRE18, Mas14, NMZ19, NS13, STG19, SKK18, UI13, VSP11, WZM19, ZDY11]. **Viability** [Sue12, Pan11, TT17]. **Vibration** [AAJ15, THBM10, BB15]. **Vibrio** [FBK11, HK14, SDK11]. **Vicodin** [CFS+19]. **victory** [NiTI18]. **view** [GJ15a, SLM17]. **viewpoint** [AH12b, ZZ10]. **vigilance** [BR16, RLW+14]. **vigilant** [SP11]. **village** [WW12a]. **villages** [MYOS14]. **villages-and-city** [MYOS14]. **villi** [GSGV11, SSB+15]. **villosus** [EBS11]. **villous** [LMJ+16]. **Viral** [FLA+19, Ric17, YHY14, BL14, CST16, FHS+14, GC18, GN10, GW19, JYY+18, KEHK17, Kor18, LM14, LG12, OS13, OMO13, PVB+10, PGPD19, RM10, RW14a, STA15, SSCJ16, SH15, WR14, WML+17, WBMH12, ZXC+10]. **viral-tumour** [JYY+18]. **viremia** [CLPZ14]. **virion** [Nak16a]. **virions** [MR11a]. **virophage** [TCW14]. **virotherapies** [ME15]. **virotherapy** [ARM18, JKF19, OAP14]. **virtual** [BYY+11, DXW+16, GBC+16, KJM17, KMLT14, KPLT14, PWC+12, SBR16]. **virulence** [AHMA+19, FIJJ11, KGB13, LPS+14, MA11b, MB12b, SB17, TDKJ15, WK18a, XSMF12]. **virulent** [ARZ15, PB18]. **Virus** [DK13a, XWC11, ZXH19, dTKDV15, AWK15, ARM18, BYY+11, BMB+18a, BB19, CM12, CS14b, FCC+10, FHS+14, GM16a, GC18, GRBL13, GW19, HAP+16, HII+19, HR12, IGL+12, KMN+15, KNA+18, KW10, LLW15,

LCJ18, LN19, LH14, LY14, LMYL15, MRPH17, MLT10, MG15, MSL+16, NS11, Nak12, Nak16a, NKB16a, OA11, PaCZ10, PBB+15b, PBSM19, PMKS+15, RC16, RCL16, SBCR10, SZ15b, TXWW12, TXCW15, TCW14, UD10, ZZR10, ZZR13, ZRZ15, dRFI15]. **virus-host** [CS14b]. **virus-immune** [TXCW15]. **virus-microbe** [GW19]. **Viruses** [VW10, Gru18, Hua16, KR15, Mic15b, yTRSC13]. **visco** [JH12, PAV10]. **visco-elastic** [JH12]. **Viscoelastic** [DFG+18a, WYL+18, RL15, SDKF12]. **viscoelasticity** [CMJD11, KSSM11]. **viscosities** [PCT11, PCT19, Pan19]. **viscosity** [ASH15, IGG+18, KH19, TM15a, dLMD+11]. **viscous** [YG12]. **visitor** [DS19a]. **visitors** [HLTW14]. **visual** [Esc11, HRDL14, HRD14, Möl12, Yam16b]. **visualize** [KCJ+11]. **vitamin** [SB15, WLD+11]. **vitro** [AH12a, BE14, Car17, CTSL11, CCAdS13, DBBW09, DBBW11, GMOP12, HHA17, JRB+16, KMN+15, NTC+11, Por13, PMKM10, POLT12, PEZ+13, THC+11, TSMB14, VG13, YD14, YD15]. **vitulina** [SH17]. **vivax** [CB13a, EN15, NKL10]. **viverrini** [BHO+18]. **vivid** [RAR19]. **vivo** [ADR+11b, BCPL10, BSC+18, DBBW09, DBBW11, GM16a, LLB+18, NAK+11, POLT12, PEZ+13, RGA+10, WC10]. **vocal** [KFG15]. **Voigt** [SAD17]. **volatile** [vLFM+19]. **volition** [HFT+18]. **voltage** [LSP13, LSMP14, PDG17, ZCA+14]. **Volterra** [DG11, DZJR10, Mil11, THM10]. **volume** [BHBH11, CCS18, CN12a, HGB+13, KKO+18, KFG+14, MFM16, ØW16]. **volumetric** [KFG+14]. **voluntarism** [CB10c]. **Voluntary** [Che18, FWW18, DDRP13]. **volunteer** [CGD13]. **volunteering** [XWZ10]. **volunteers** [WXWL12]. **Vombatus** [BCF19]. **Voronoi** [Arc16, MMY+12, OO17a]. **vortex** [ASC16]. **vortices** [SWPC+16]. **voter** [HH16]. **Voting** [AH15, AH19, YZZ13]. **vowel** [SFS13]. **voxels** [BDTR15]. **Vpu** [SPG+18]. **VR** [GJ15b]. **VR-BFDT** [GJ15b]. **vRNA** [dTKDV15]. **vs** [BF13, EPP19, FNH10, Gol10b, JLH+15b, RS12, SFV16, YBT+17, vVGSE12].

Wagner [LP12a, TMHM12]. **wait** [RW15b]. **Wake** [Whi11, BVK10, Pat16, PR17, ZKR15]. **wake-active** [Pat16]. **Wake-based** [Whi11]. **walk** [CC11b, Che10, MSIR10, Rey13, RSC14]. **walkers** [NIiT18a]. **walking** [BRB18, CLP11, LGR+12, SHW16, WHHS15, ZHAK14]. **walks** [BP15, Est10, HS14c, MAA18, PNK16, Rey13]. **walks-based** [Est10]. **Wall** [SWSLMJ19, AMM16, DQY+15, DPCM16, DBJ12, EdKM11, EJK16, JSK16, Js12, JG14]. **walls** [Ren13, ZR16]. **waning** [FGH+14]. **war** [IK16, Non10, SR10, SP14, vIK11]. **Warburg** [Arc14]. **ward** [CL17a]. **Warfare** [MMC19b]. **warming** [KTO+14]. **warning** [JAB18]. **warping** [LBS+14, SVSP15]. **Wars** [JV14]. **was** [AOR17, Sos18]. **wash** [MW13]. **wasp** [KP12, NBS+13]. **wasting** [OVKL14]. **Water** [MDVT10, AMM16, BKR14, BBS18b, Che16, DAVS11, DDS13, GRCdL16, KFG+14, KH19, KF10, MCRG18, MAM16, MYLK11, MS12b, SV14, SYSM11, TLR14, XWW+19]. **water-borne** [MCRG18]. **water-limited** [SYSM11]. **water-related** [MCRG18]. **water-uptake** [Che16]. **waterborne** [CG14, ERT13]. **watering**

[Gou15]. **Watts** [MZM+16]. **Wave** [KM19, BJB18, CNL14, DOC17, Ghu18, LGPS17, LW18, OTTF11, PRV+14, RLSM17, SM14, WML16, ZKR15]. **waveforms** [KTT+19, SMM15]. **wavefront** [MMB11]. **Wavelet** [GZT15, AAJGCD15, JLX+15, SVCS10, TWC+19]. **wavelets** [ZLDZ13]. **Waves** [KKWA18, AGPK13, EG10, Fra16, IPS14, LDHD14, MDEKH13, PSP+12, SMZ+17]. **Waxman** [RRC+11]. **way** [CRV16]. **WB** [MAFB18]. **WB-PBPK** [MAFB18]. **WD40** [WDH+16]. **weak** [GNB+13, HM10b, RG10]. **weaken** [SJSK18]. **weakening** [RM13]. **weakly** [DHV19]. **weapons** [ACMK12]. **weather** [vNÁBG12]. **web** [AD13, AWRD15, DKF17, GDPPSS+11, HAB11, HY10, Kři14, Mac10, MD16, OSV+16, PBRW11, PDG12, QJR+16, RPD14, RBB16b, SLW+18a, WPPD16, WXC10, YXH+14]. **web-server** [WXC10]. **webs** [BV13, BEK10, CAG13, KDG13, cLCJ+10, MB15, MD16, MEJ18, RBB16a, RM13, TBM+13, TD18, VL11, ZG10a, ZG10b, ZEJA11]. **Weddell** [HH10]. **weed** [RDMP11]. **weekday** [TC12]. **weekly** [TXTW16]. **weevil** [IST11]. **weight** [DMM+14, iHM17, Hor11a, MFM16]. **Weighted** [YLF+17, COWA11, LWW14, LXC15, MKF+14, QLZQ11, YZ19, ZG10a, ZG10b]. **Weighting** [MLBA12, MLBA13]. **weights** [ZCXF13]. **well** [GF11, NWWL17, Pag19, PMW12, WL19, ZDF+12, ZLW18]. **well-known** [PMW12]. **well-mixed** [NWWL17, Pag19, WL19, ZDF+12, ZLW18]. **wenxiang** [Zho11]. **west** [DB18, DE17, MRPH17, RC16, ZXH19]. **whales** [FM15a, PGS10, WF18]. **wheats** [ASRM15]. **Wheeler** [YZW10]. **Where** [cSGFB17, MG14b, MDVT10, SI19]. **whether** [NRKE18, SN17]. **Which** [Tos11, VC10, CV15, Cle16, Di 16, HC17, HPvdB17, HBSF11, Lai18, LPH19]. **while** [GT11a]. **white** [LK15, MSB16, YLY15]. **white-nose** [MSB16]. **whitefly** [CEdLSG+16]. **whitetail** [EEHMH18]. **Who** [ESG10, MFP+14, PBSM19, RCL16]. **Whole** [BBS18b, MS14c, MAFB18, YY15]. **whole-organ** [MS14c]. **whom** [MFP+14, Sak10]. **wide** [HHJR11, MKBE17a, MKBE17b, MKRE18, TDZ+18]. **Wild** [CR14, Hou15, HT13, Hur12, Zha10a]. **wild-domestic** [HT13]. **wild-type** [Zha10a]. **Will** [ZL18b, HC17, RW14b]. **Willard** [BD10b, Jam13]. **Williamson** [ZG19]. **Wilms** [KRDJ15]. **Wilson** [CV19]. **Wind** [Sac13, TSdL14, ASL+18, TTG19]. **wind-up** [TTG19]. **Windkessel** [AV19]. **window** [MM15a]. **Wing** [FH14, Che19, IS17, NC16, Zhu11]. **Wingless** [Zhu11, iHIM12]. **wings** [DS12, LS18]. **winnerless** [HGM15]. **wins** [ESG10]. **winter** [HHE19, SI12]. **wires** [AFD+17]. **wise** [KI17, NWZ15, dSMP+11]. **wisely** [FtL18]. **With-in** [RMF+18]. **withhold** [GvVT14]. **Within** [Hur12, LMCW18, VDD12, AHKN10, BHBR12, CFZ14, CNL14, CMN+11, DMM+14, DRPM17, GDF18, HWW+14, KLN+12, KDFM14, Kor18, MFG+13, NS11, NBBCC18, PJ13, PVB+10, PBB+15b, PML18, ST17a, TEY10, VW10, WBMH12, ZVMB10, dlCGSA16]. **Within-host** [Hur12, LMCW18, VDD12, CFZ14, DRPM17, Kor18, MFG+13, NBBCC18, PVB+10, PBB+15b, WBMH12]. **within-vector** [TEY10]. **without**

[AS12, IvdSW16, MBBD13]. **WLFs** [Pie12]. **Wnt11** [SSKK17]. **Wolbachia** [HHT+19, HLH+18, LL18, SKK+12, TGC+17, ZLT+19]. **Wolbachia-infected** [ZLT+19]. **wombats** [BCF19]. **women** [KMH19]. **Womersley** [AV19]. **word** [ABG+13, DLYZ11, DYS+13, DLYW13, SS19, SD16, YZZ12, YZZ13, YW13a, YW13b, YZFY16, ZLY14]. **words** [GAB14, HRC+12, SFV16]. **worker** [OAV+16]. **workers** [LWY+16]. **Working** [TIMI+15, SMM+13]. **World** [JV14, CKS15, Fra16, HM10b, Koe15, MZM+16, Mau15, Sos18, dS15a]. **worm** [CHH10]. **worm-like** [CHH10]. **worms** [HASM17]. **would** [Di 18]. **Wound** [FBFM12, CSDR15, GBJ18, MHMM11, NCLB16, PC10b, VG13, VAG16, YWP13]. **wounds** [BPS15, BMM+14, TBMM19]. **Wright** [CS18, LPH19, SW17, TT10b, jWlGQ19, Wax11b, ZLW14, ZGW16]. **wrong'** [Mar11]. **wrongs** [Pan11]. **Wu** [JN14]. **Wyman** [Oko16].

X [Gar14, AKR+18, CZPC+18, Kon12, KPS17, Mic15b, PWG16, Sek12, Unc11, Xie11, ZZ14a]. **X-linkage** [Gar14]. **X-linked** [AKR+18, Sek12]. **X-machine** [PWG16]. **X-ray** [CZPC+18, ZZ14a]. **Xanthomonas** [JSF+11]. **XARNES** [Kon12]. **xenobiotic** [SBMH10]. **xenograft** [TTB+18]. **xenografted** [LBW+13]. **Xenopus** [YM14, SSKK17]. **Xi'an** [TXY+12]. **XII** [TSP15]. **Xinjiang** [WZJ+13]. **Xor** [Mou12b]. **Xylella** [AHD+18]. **xylem** [DDB10, LMM+13, LSC+18].

Y-linked [AGM11, GGM12]. **Y-STR** [AEM14, AEM13]. **year** [Dol16]. **years** [Kir11, Mar17a]. **Yeast** [TK10b, ADC19, JL16, LSY+10, MMK16, PRM11, TGB+18, WKS14, WZWY11]. **Yemen** [HWGW18]. **Yield** [DBJ12, BR14, BKL14, GL12a, GK13, KPG19]. **yields** [ARZ15, JAK19, KSA16, PMKM10, TM15b, ZEJA11]. **yjdF** [GWW+18]. **yo** [IPMH12]. **yo-yo** [IPMH12]. **young** [SRV11]. **Yule** [MS14d, MC15b].

Zanamivir [TLT+15]. **Zealand** [MR11b]. **zebrafish** [Hal17, YSI17, YSI18, ZLB+18, ZBA18]. **Zero** [IM18, JRG14a, JRG14b, JRG14c, XG12, BR13, CZ14, HWTN15, Mog15]. **zero-cost** [BR13]. **Zero-determinant** [IM18, CZ14, HWTN15]. **zero-inflated** [Mog15]. **Zero-order** [JRG14a, JRG14b, JRG14c, XG12]. **Zika** [CBC+18]. **zinc** [AHD+18, HMMSRSD15]. **Ziv** [YHY14, ZLY14]. **zona** [KG12]. **zonation** [SBMH10]. **zones** [ACMK12]. **zooplankton** [BSC19, Mor10b, MA10, MK16b]. **zygomycete** [ESW13].

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