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Title word cross-reference

(FM) [LIK+05]. (M,R) [LMM03, LSAA+06]. 16 [Han04]. 2 [KK09, Kin04]. 24 [KG06b]. 3 [Pal08, wTA09, YY07]. $^{+}$ [GB01]. $^{-}$ [MS01a]. $^{2+}$ [BGP00, DBR+05, FB08, FK01a, FWLN04, FKAC06, GBD00, HS07, KBT08, Kar03, MGP+08, MTS05, PAH06, Saf09, WHH07]. $_{0}$ [NM06]. $_{1}$ [NM06]. $_{2}$ [DNS00]. $_{\mathrm{Na}}$ [CPM+09]. α [Daw09, Kun05, LKM+08, SHF02, WMP03]. β [BNT+00, Cib08, CPG09, CHN08, DS00a, HHP05, KR05, NS09b, Ped05, Ped07, TPD+00, TSC04, WKG03, vLBJK07]. $\cdot$ [HK05]. d [Ait08]. D_0 [BB03]. dN/dS [RSH+06]. γ [HHP05, JSA+07, JHJ+09b, RWCK08, SBPC05]. I_{to} [CPM+09]. k [DCL09, KTH09]. κ [HJ06, LPB+04]. λ [BM04, TB04]. μ [SPC02]. N [CGH01, SPS09, BHC06, SA08b]. π [AS07, MSGS08]. pK_a [WP01]. Ψ [MPOBD+09]. R^* [JD09]. R^2 [WL09]. R_0 [BB03, HS02b, Kao06, KG00, TK09a, TK09b]. $\sigma 54$ [VdL03]. $\sigma 70$ [LL06]. t [LLCM01]. $\times$ [ANT09, LFFT06, WM00]. $\rightarrow$ [Leh02].

-activated [HS07]. **-Adic** [KK09]. **-Adrenoceptors** [BNT+00]. **-Amyloid**

[WKG03, CPG09]. **-Arrestin** [CHN08]. **-ATP** [NM06]. **-ATPase** [GG07]. **-base** [YY07]. **-binding** [Kar03]. **-catenin** [Daw09, vLBJK07]. **-Cell** [TPD$^+$00]. **-Cells** [DS00a, KR05, Ped05, Ped07]. **-Core** [KTH09]. **-D** [Kin04, Pal08]. **-dependent** [VdL03]. **-dimensional** [wTA09]. **-h** [KG06b]. **-lowering** [MBD08]. **-nearest** [DCL09]. **-Opioid** [SPC02]. **-person** [SA08b, SPS09]. **-player** [BHC06]. **-proteobacteria** [Kun05]. **-regulated** [MTS05]. **-RNA** [MPOBD$^+$09]. **-segment** [Han04]. **-SelectinE** [VS08]. **-species** [CGH01]. **-spectrum** [WMP03]. **-tubulin** [Cib08]. **-Turn** [JSA$^+$07, JHJ$^+$09b].

/Apaf [NS06]. **/Apaf-1** [NS06].

015 [ZW07].

1 [BRND09, CMB$^+$01, GSRC$^+$06, KS08a, LGK$^+$09, MW01, MPOBD$^+$09, MGAD09a, MV02a, NS06, PPD09, RG06, RGFP07, Sne03]. **1-Chains** [SHF02]. **12** [Kli06, LL06]. **126** [ZZW07]. **15** [WCLL08, WCH$^+$09]. **16mer** [RPB03]. **16S** [AIK00]. **1D** [Cyt04, DECEK06].

2 [FWCN05, GFWT04, MGAD09b, MV02b]. **209** [SI04c]. **212** [FK03a]. **214** [LW04, TT03]. **218** [BSRH03]. **221** [BKE04, TRM03a, TRM03b]. **223** [BBM04]. **224** [Gie06]. **226** [HTN04a, NI04a, UI04b]. **228** [Ano05h]. **231** [HH05b, Ker06, OI05]. **233** [AMD06, BZ05a]. **234** [SHI06b]. **235** [PCZL06]. **236** [GWM06, SRAL12]. **240** [MT06a, NI07a]. **241** [RMAI09]. **242** [AGW$^+$08]. **244** [SML08]. **245** [BLZ07a, ML07a, VGMM$^+$07a, VGMM$^+$08]. **246** [JCRJ07b]. **248** [TQUN08]. **249** [KCP09, Paw09b]. **24h** [Cal06]. **251** [LH09, ML08b]. **252** [IvDHI08a]. **253** [MI08a]. **254** [CSP$^+$09, LVL08a]. **256** [Lei10]. **257** [EPJ$^+$11]. **258** [PA09b, RH09a, TK09a]. **259** [ML12]. **260** [DBBW11]. **261** [LGK$^+$12]. **29** [SMPM09]. **2D** [GR05, GDPMDS$^+$09, LDXW06]. **2D-visualization** [GDPMDS$^+$09]. **2DD** [ZC06]. **2DD-curves** [ZC06]. **2nd** [MMTS02].

3 [MV02c, YCS04]. **3/4** [DRW01]. **3/4-law** [DRW01]. **3CL** [NLM$^+$08]. **3D** [HNTHA07, MLA04, MGDM08, QWQ07, YSW09].

4-law [DRW01]. **4th** [MMTS02].

5 [AB07b]. **5'-nucleotides** [AB07b]. **5-trisphosphate** [LGB03a, TLZ05, WMS08b]. **538** [BLZ07a].

6th [Ano00-30].

A-tracts [AAL08]. **ABC** [Hop02]. **ABC-Type** [Hop02]. **Abcg2** [IZGG05]. **Ability** [BB07b, Ger09, HFY07, LdGH09, MH05]. **abortion** [SK09a].

abrupt [Tas05]. **Absence** [DPA03, RR08, YD09]. **Absorption** [FI00, Pic06]. **abstained** [MM09]. **Abstract** [OI00, WH07]. **Abundance** [ML08a, ML08b, AJ05, ANT09, BH08, Chi07, Eng07, PM08, WOLS07]. **abutting** [BFG08b, BFG08a]. **Accelerated** [HLW00]. **Accelerated-mortality** [HLW00]. **Accelerating** [TMBD09]. **accessibility** [GKTN07]. **accidental** [SJ03]. **accompanying** [Bat06]. **account** [Ped07]. **Accounting** [CPR00, Smi08d]. **Accretive** [KS01a]. **Accumulation** [AH00, Arc05, Cha01b, Jac03, Kaw01, KK00b, IHV$^+$06]. **accuracy** [AKLS05, JHJ09a]. **accurately** [SLH05]. **acetylcholine** [CRR08]. **achieve** [Jam08b]. **Achieving** [Ste00]. **Acid** [HCMF01, HCB$^+$02, LMT02, MCWF01, AC04, BKD$^+$06, BS05b, BGG$^+$09, CZC05, CC06a, CTZ$^+$06, CL07a, CPG09, Dal06, DCC$^+$08, DCL09, For07a, GKNT09, GKTN07, HCR$^+$04, Hul05, JK04, Kal07, KS04, KGB04, Kur07, LLS$^+$09, Lin08, LF08, MBBR06, RA08, SYC06, SW08c, WBSY06, WYC06, XWC08, YTL08, YZHZ09, hZzGqX$^+$09, ZF08, ZDC08, ZC09, ZCLZ07]. **acidic** [Di 05]. **acidity** [SGGM05, SGM08]. **Acids** [CDDW02, DSY01a, DSY01b, For07b, GKNT09, MPOBD$^+$09, TLZ$^+$08, TGN07, YDL06b, vdGMG$^+$09]. **Acinar** [FY00, GCB$^+$07]. **acorn** [NAV04]. **Acoustical** [SPVN06]. **Acoustically** [HHR01]. **Acquisition** [BCV00, KNN01, HML04, YKG$^+$05]. **across** [AAL08, GINT09, GS08b, Mag04, Sav04, Sel06, TBCD06]. **Act** [CSM02, Jam01c, Dor03a, VPGA07]. **Actin** [DECEK06, Wan00, AGW$^+$06, AGW$^+$08, FPBM08, GP08b, MO07, NMH07]. **actinomycetes** [GT03]. **Action** [Di 00c, Jac03, Mur07, SV05, BS04, BOCF08, Hop06, LRT04, Mit04, WCLL08, ZKH$^+$05]. **Action-response** [Di 00c]. **activated** [HS07, RR09, TSRB08, VGMM$^+$07a, VGMM$^+$07b, VGMM$^+$08, VLFN00]. **activating** [VGMM$^+$07a, VGMM$^+$07b, VGMM$^+$08]. **Activation** [BSRH02, BSRH03, CMPL$^+$00, GBD00, GF02, SPC02, WKG03, BCL08, CZM09, KSK08, KH09c, LGB03a, LGB03b, MGAR07, PC09b, RK06, RWCK08, Saf05, SF04, SS05a, VGMM$^+$07a, VGMM$^+$07b, VGMM$^+$08, VGMVR$^+$06, vdBR04a]. **activation-deactivation** [MGAR07]. **Activations** [CC01c]. **Active** [Hop02, KRB05a, PTN06, PGH$^+$04, TGR$^+$00, BFGD07, Dim05, HHH06, MS05a, MS06a, MS07b, MS08c, PTON08]. **activities** [LTG$^+$04, OCA08]. **Activity** [ABP$^+$00, ARW00, CS00, MM02a, MW01, RWR00, SRMW00, BFG08b, BFG08a, IvDHI08a, IvDHI08b, KNC$^+$04, KL09, LBSP06, LP07b, OR05, Ort06, PRT04, RKRW08, WR07b, dVG04, dVG06]. **activity-dependent** [RKRW08]. **actomyosin** [LN05a]. **acupuncture** [Sil09]. **Acute** [AM01, CRNP07, DRV$^+$08, DRV$^+$06, KCVC04, LGK$^+$09, LGK$^+$12, RRC$^+$06]. **adaptability** [ALM09]. **Adaptation** [DCC$^+$08, FK01b, Gre00, HB02a, HB02b, JWH08, LVH04, LL00, MBP07, SW08a, WT09a, BTA08, DMW04, FK03a, GZL$^+$03, JAA$^+$07, JAJA07, JBJ$^+$08, KGD09, Kon06, Kri09, Mas08, MP09a, Orr06, RAHO06, Wax06].

adaptation-Beyond [Wax06]. **adapted** [Laz03]. **Adaptive** [Abr09, Amz04, DHRM08, For01, Gre00, HCC00, HS02a, Man01, Orr03, PN01, AH03b, AA04, Bon06, BHWB05, DMW04, DHP06, GDS07, GI09, GSNH08, Jam06, LAG09, MAC06, RBJ06, Ros05, SSK06, TKN07, TOB08, UD07, WSM05, ZF06]. **Addendum** [BLZ07a, Gie06]. **Adding** [CPMG$^+$08]. **Addition** [SKK$^+$07, HW09]. **Additional** [DFC$^+$02]. **Additive** [HL06, LFFT06, NP08, Pec06]. **adductors** [VAAH05]. **Adenine** [NTK02]. **Adenoma** [Pin00]. **adenovirus** [ZW07]. **adherence** [KW07]. **adherens** [Daw09]. **Adhesion** [Hog00, TMI03a, TM00, TS02, APS06, GC08, KD03, KJD08, Pal08, PDB08, SS06c, WSM05, ZJG03]. **adhesions** [CSON$^+$05, SMCT08]. **Adhesive** [LCHK09, vLBJK07]. **Adic** [KK09]. **adipose** [KSK08]. **Adjacent** [RMBM00]. **adjust** [Cal06]. **Adjustment** [HSB01, BdOP06]. **adjustments** [Cib08, DCC$^+$08]. **administered** [NKL06]. **administration** [DRV$^+$06, FM09]. **Adrenoceptors** [BNT$^+$00]. **adsorption** [Kat03]. **adult** [WNT08]. **adults** [SGD04]. **Advanced** [OS03]. **Advantage** [Eic01, SI09]. **Advantaged** [HLW00]. **Advantageous** [AH00, RS04, BH04]. **advantages** [CW08b, HMGK06]. **advection** [FM07a]. **advection-diffusion** [FM07a]. **adversity** [WVA05a]. **AE1** [RB02a]. **Aedes** [NBMS06]. **Aerodynamic** [Sac05, AO05, Iim07]. **aerodynamics** [USTG09]. **aeroelasticity** [USTG09]. **aeruginosa** [RDSB$^+$03]. **Affect** [CR01, CK08, HDZ$^+$07, MFI09, Pal08, PDM04]. **Affected** [DLGC02, FPM$^+$06]. **affecting** [AMC$^+$09, Yam03]. **Affects** [For00a, BdABA09, RWCK08]. **afferent** [Sil09]. **Affinity** [IM02, MH02, Raf02, HBS07, KD03, MPOBD$^+$09, TSK09, VRB01]. **Africa** [MBH03]. **African** [EL09]. **after** [AMP06, BFGS07, Di 06b, FM09, IZGG05, Jam09b, Luc05, MGP00, ØKRG04, SSB$^+$07, TP05]. **afterpotentials** [Dim05]. **Against** [ABP$^+$00, CSD09, FMP01, Fra00a, Gar09, HM05, IS09, ITI$^+$09, KSEK09, MFM$^+$03, NGN$^+$04, PBH04, SR08, SI01, SI04c, Wod07]. **Agamosperms** [NSM02]. **Age** [Cha01b, TTR00, Tyr01, BSJ04, ELSFB07, Jam08c, LYZ08, PL09]. **Age-dependent** [Tyr01]. **age-infection-structured** [LYZ08]. **Age-specific** [Cha01b]. **age-structured** [ELSFB07]. **Ageing** [Cha01b, KK00b, GPB$^+$04, Lan03]. **Agent** [BGB08, CSR$^+$05, MKLD02, SRAL12, DLM08, GST08, KJ08, Lan03, LK08a, MD03, MDD06, RRH08, Sch08a, SJGK04, WWS$^+$06, ZAD07]. **Agent-based** [BGB08, CSR$^+$05, MKLD02, SRAL12, DLM08, GST08, KJ08, LK08a, MD03, MDD06, RRH08, Sch08a, SJGK04, ZAD07]. **agent-mathematical** [WWS$^+$06]. **agents** [RSC$^+$06]. **Agglomeration** [MKLD02, CCV08]. **Aggregate** [Bas01, HTN04a, HTN04b]. **Aggregation** [GF02, PPL$^+$00, HI05, HMGK06, LdGH09, NWT09, RPNH03, SPVN06, WM04]. **aggressiveness** [Hur06, NBMS06]. **Aging** [ABTR07, BTA08, EKIL01, GG01a, Gol08, Jaz01, JW01, Man01, OSCK01, AAK$^+$09, BL08, Hul05, Wod07]. **Agonist** [KBT08, BCL08]. **agonists** [HW09]. **agroecosystem** [CIV09]. **Agrotis** [RRS$^+$07]. **aid** [HCC00]. **AIDS** [GS00, Tho00]. **airway**

[FB08, LWFP08, WTC09]. **Ait.** [DFSD05]. **al** [Ril02]. **al.** [Sch08b]. **Alanine** [Raf02]. **Alanine-scan** [Raf02]. **Alarm** [CMB+01]. **albedo** [WAL06]. **albicans** [SSF09]. **Algae** [TPWG01, BG08]. **Algal** [Han02, KUK07]. **algebra** [LS04b, WL04]. **Algebraic** [AFD+06]. **Algorithm** [QA01, RPB03, WPE03, XWD+01, CSW+08, DCL09, FWE06, GLSW07, ZLXY08]. **Algorithm-based** [QA01]. **Algorithms** [mLLS+06, AHCN07, PLH05, RB08]. **alien** [YHI07]. **aligned** [XWD+01]. **Alignment** [PBMU+09, PAD00, XWD+01, CSON+05, LZ09b, MNL+07]. **Alignment-free** [PBMU+09]. **Alignments** [FSS06b, LMT02]. **alkylation** [Wal07b]. **all-alpha** [MSGS08]. **Allee** [BB02, FM02, FR02, MPL06b, vKdRP05]. **Alleles** [WM00, Wax09]. **Allocation** [DLGC02, LD00, PG01a, Wah02, EW09, RHF07, SS03, Sat04, YOYT07]. **Allometric** [Bio08, FI00, LST00, San03, WMLC02, BDMR06, Cud05, Dem06, FDR04, HJ07, Kai04, MGL05, Pac09]. **Allometry** [Nik02, Cle07, KE09, KSG03, LBCL09, PTD09]. **allosteric** [RGW+05]. **allow** [CM09, FM07b]. **allowance** [LFP+05]. **allowing** [CSS08, Lit07]. **Allows** [DBG01]. **Almost** [MC06]. **along** [CXM+09, FWLN04, KG02, MCK07, Mur07, QXDW06]. **Alpha** [RPB03, BGG+09, MSGS08, MRJR09, SLH05, YDL06a]. **alpha-deficient** [BGG+09]. **alpha-helix** [YDL06a]. **alphabet** [LF08]. **alphoid** [RGPB08]. **already** [BKKR08]. **altering** [BL08]. **Alternating** [Nei01, BC04a]. **Alternative** [KLK06, SKR06b, SAC+04b, YN02, AWW06, BFA08, CSS06, GMFS06, LGCL07, SH08a]. **Altitudes** [Kan01]. **Altruism** [Di 00c, EFW07, FLS01, Gin03, MW00, Pec06, SC05, vVH07, FZ04, FZ07, GA08b, MM03b, NI06, NI07a, Row06, ST05, vV09]. **Altruistic** [OMT03, JB08, LT09]. **Alveolus** [Bra01]. **Alzheimer** [EKS02]. **amantadine** [BMD+08]. **ambiguity** [GF09]. **ambiguous** [PBR01]. **Ameboid** [CLM07]. **Amended** [VP01]. **Amendments** [Luc05]. **American** [OBPH+08]. **Amino** [CDDW02, HCMF01, HCB+02, KS04, Kur07, LMT02, CZC05, CC06a, CTZ+06, CL07a, DCC+08, DCL09, GKNT09, GKTN07, HCR+04, KGB04, LLS+09, Lin08, LF08, MBBR06, RA08, SYC06, SW08c, TLZ+08, TGN07, WYC06, XWC08, YDL06b, YTL08, YZHZ09, hZzGqX+09, ZF08, ZDC08, ZCLZ07, vdGMG+09]. **Aminoacyl** [CDF00, dFG08, AB07b, KS04]. **Aminoacyl-tRNA** [CDF00, dFG08, KS04]. **aminoacylation** [JS07]. **ammonium** [CTS+08]. **amoebic** [GSNH08, NS07]. **among** [AAEW09, AH03a, BEK+03, EFW07, Fis03, HL06, Kun05, LL01b, MT06a, MT06b, Orr06, PDC04, SI01, SI04c]. **Amount** [AGT+01, KMC+07, SH04]. **AMPA** [Saf05]. **amperometric** [SN05b]. **amphibian** [BFGD07]. **amphiphilic** [ZF08, ZCLZ07]. **Amplification** [CLB05, For02, Leh02, MB00, KA03a, RCS05]. **amplified** [LS04a]. **amplifiers** [GCC08]. **Amplifying** [Har06]. **Amplitude** [KG06b, IB06]. **amplitudes** [PPD09]. **Amylase** [FY00]. **Amyloid** [FW00, WKG03, CPG09]. **anabolism** [Bat09]. **Anaerobic** [PGLG01, AD07b]. **anaesthetics**

[ZTKH09]. **analgesia** [Sil09]. **analogous** [Cud05, Tas05]. **analogue** [DMW04]. **Analyse** [CLO+02]. **analyser** [Ano05h, Hof04]. **Analyses** [Di 01b, OF01, Bla04, GXG03, OI07, OY03, Pac09, ST05, YAL04]. **analysing** [YD09]. **Analysis** [Ace00, AøP03, AGT+01, Ano01b, BZ04, BG07, BWHK02, CDDW02, CT02, CCP+00, CPC+00, CBH02, DFC+02, DVL+00, FTEG02, FGH01, GG01c, GBCC01, HRSV06, Her00, HMN09, HBB08, JMB00, LM01a, LSAA+06, LM01b, LST00, MPD+07, ND04, OR05, PC02, PG00, PKW+00, PGF+08, PV00, ST01, SP00, SML02, SHRR06, SHHD02, SNT03, TML02, TWE04, UL06, VLFN00, VGCGM+02, WKG03, YTAK01, YL00, öOW01, ACD04, AK09, AKdlPP06, BB06a, Bon04b, CSA07, COdAM05, CGS05, CD07, DGZ07, DHW+09, EBId09, FLWB07, GMSW04, GKS06, GZL+03, GPMW06, GBK+07b, GNLEK07, HHP05, HAC+09, HTCS07, Hop06, HGH08, IS03, Iro09, JB06, JWWS08, KR07, KRGH07, KI05a, LN03, LG04, LH06, LTLM09, MD04, ML09a, ML12, MLA04, MB09, MHRK08, MO07, MZK08, MvdO06, MR07b, MRJR09, MNMH+08]. **analysis** [MGAD09b, MSSS09, NAP04, NBT07, Nar06a, Nie06, NAS07, NLM+08, OST09, Pán08, PP04, PDC04, Paw07b, Paw09b, Pep04a, PWG09, PA09a, PSPF07, PRP+03, QWQ09, RCA09, RSSM06, RRC+06, RAK+08, RDC09, RH08, RLCIB05, RGB06, RAHO06, RBP+09, ST03, SRS09, SPAH06, SF04, Sch08a, SV05, SWRH03, SCS04a, SB07, SW08c, SS09b, ST05, TKKA04, Toy09, TOB08, TBB+06, VGMVR+06, Voi03, WBSY06, Wes03, WC07b, YTL08, YPY+09, YY07, ZSZ+06, ZLN07, ZZLT07, ZLXY08, ZC09, dPCP+08]. **Analytic** [CT02, DALP03, HC07a]. **Analytical** [MBB02, WCH+09, FTG07, Gie06, KSB07, MZK08, Moc05, Nis06, PBvdG09, ZAdlPLM07]. **analyze** [IGHW07]. **analyzed** [VGS+05]. **Analyzing** [BdBH09, GCH+07, CEP05]. **Anastomoses** [GP00, RMBM00]. **anatomical** [BG06, TPP+04]. **Anatomy** [AO02, GCYH01]. **Ancestor** [Di 00b, Di 01a, Di 03b, Di 03a, Di 06b, Lac09]. **Ancestral** [Möh00]. **Ancestry** [SS02, Bel06]. **Anchorage** [FMP01]. **ancient** [WLZ+06]. **Anelosimus** [SMD00]. **anemia** [CSD09]. **aneurysm** [KH07a]. **aneurysms** [KH09b]. **Angiogenesis** [GGV+08, HS00c, ASMM08, BRS+09, JTGP06, LS08a, MAC06, PSJ04, SS05b]. **angiogenic** [BGB08]. **angiopoietins** [PSJ04]. **angiotypes** [Kok04]. **angle** [Mag04, WS09]. **angles** [BCV+08, WZ08]. **angular** [RP09a]. **Anhydrase** [Tho02, Gam06]. **Animal** [CKJ+02, LJW02, TT02, TT03, TT01, YTAK01, BCV+08, Ben04b, BWMS07, FHL+06, GAK+06, JBF+03, LNRR06, LAG09, MNL+07, Niw03, Pen03, YM05a, YM05b]. **Animals** [MGL03, Tay00, BH04, CQLV+03, HNTHA07, MH05, NS03a, OS03, SSD09]. **anisogamy** [Bon06, Dus06]. **Anisotropic** [SIMK02, FH07, IHV+06, ZJG03, Zhu09]. **anisotropy** [LDT09, PPGS03]. **ankle** [BL08, Mag04]. **annealing** [FPBM08]. **Annihilation** [ACK00]. **annotated** [CB08c]. **Announcement** [Ano04b, Ano04a, Ano05a, Ano00a, Ano01a]. **Annual** [Ano00e, CEP05, YFH+07]. **Annuals** [ARKL02]. **Anomalocaris** [Usa06]. **Ant** [CMW02, CB00, DS00b, ORM03b, SFV02, TBS+02, Bur09, JSCN04,

JR06, NBT07, RRH08, VTG$^+$06]. **Antagonism** [SGCK$^+$08, TN01].
antagonist [BCL08, GSG$^+$07]. **antagonistic** [HK09, UH09]. **Antagonists**
[CD02]. **Antarctic** [GMMR07]. **anterior** [MKL09]. **Antheraxanthin**
[LBS00, DVC$^+$04]. **anthocyanins** [HG08]. **Anthozoa** [Ber07]. **Anti**
[WJ01, LS08a, RK06, RRC$^+$06, RSC$^+$06, RB08, TMH04, ZJ06].
anti-angiogenesis [LS08a]. **anti-herbivore** [ZJ06]. **anti-inflammation**
[RRC$^+$06]. **anti-inflammatory** [RK06]. **anti-invasive** [RSC$^+$06].
anti-neoplastic [TMH04]. **anti-predator** [RB08]. **Anti-viral** [WJ01].
Antiangiogenic [HFH03]. **Antibacterial** [ABP$^+$00]. **Antibiotic**
[DPA05, DMO$^+$07, HML09, MWD08]. **antibiotic-resistance** [MWD08].
Antibodies [ISC01, TGR$^+$00, AMP06, NKL06]. **Antibody**
[GG03a, PD01, AB06, BSS$^+$07, WM04]. **antibody-dependent**
[AB06, BSS$^+$07]. **anticancer** [BFGS07]. **anticipated** [ISW04]. **anticipation**
[SW08a]. **anticodon** [Tak06]. **antifolate** [AIKP06]. **Antigen**
[ABP$^+$03, FFD$^+$02, SBZ$^+$08, vdBR03, AMP06, ACSY04, NA04, vdBWLS07].
Antigen-driven [FFD$^+$02, SBZ$^+$08]. **Antigen-independent**
[ABP$^+$03, ACSY04]. **antigenic** [JG08, RG05]. **antigens** [CTB$^+$05].
Antimicrobial [Ano01e, Mac01, AAEW09]. **Antioxidants** [Sta00c].
antiparallel [Kur08b]. **Antipredator** [PBR03, BBD06, PBR01].
Antipredatory [MKN02]. **antiretroviral**
[DP04, GSRC$^+$06, PPD09, Smi08d]. **Antisense** [FC01, Dor03a].
antithrombin [ARR08]. **Antiviral** [AN00, HLA09, ABvdD$^+$08]. **Ants**
[BZ00, IST01, BGD$^+$06, Roe08]. **any** [Di 01b]. **AP** [MW01]. **AP-1** [MW01].
Apaf-1 [NS06]. **ape** [GR05]. **Aperiodic** [CR02]. **apex** [SP07b]. **aphid**
[AK04]. **aphids** [Roe08]. **Apical** [PKL02]. **Apis** [GHHR03]. **Apomixis**
[RKNK01]. **Apoptosis**
[PN02b, Ark05, CL07a, CL07b, ML09a, ML12, OAKC08, ZLLZ09].
apoptosome [NS06]. **Aposematic** [LY01, MR07a, LY03a]. **Apparent**
[Kin04, KMGDG04, WS04, BBB$^+$07, SH03, SW08a, SB07]. **appearance**
[KCV05]. **appendix** [BBB$^+$07]. **Appetitive** [RRS$^+$07]. **applicability**
[WBH04]. **Applicable** [KK00a, Bat09]. **Application**
[BCRG04, BGG$^+$09, CRJC04, FLWB07, GLE$^+$09, GG01c, HNTHA07, LF01,
LMF03, LL01a, LSMLB$^+$02, Mag04, MCWF01, MSI01, NM06, NLS08,
OSCK01, RSD$^+$01, RC00, SZLK$^+$05, SP07b, TH03a, TRM03c, WP01,
YDL06a, AB06, AAK$^+$09, AB03, BC09a, BKM09, BB06b, CLMMP06,
CBB07, CLM07, DFCL08, DFSD05, GMK06, GSB05, HC07b, JDMZ$^+$07,
LMH04, LDXW06, MRA06, OS03, PBB03, Rej07, RRK06, RGRB04,
RBP$^+$09, RB08, TLZ$^+$08, TRM03a, TRM03b, XSD$^+$05, XFBC07, Mei05].
Applications [FSS06b, KSM02, Ano05h, BZ04, Hof04, LS03, LS04a, LP07c,
MH09a, YSW09, dPGR06]. **Applied**
[Ano02a, VLFN00, HTCS07, LJ09b, Lit07, TBR08, Zam03]. **Applying**
[NGTB06, CKE06, HK07]. **appressorial** [TGT06]. **Approach**
[AMW00, CS02, GS02b, HS02b, HA00, Kal00, PH03, TLA00, XD02, ZSZ01,
AJOK09, AM08, APS06, AB03, BBKGP08, BZM05, BMR08, BWMS07,

BCRG04, BRC^{+}03, BTA08, CL07a, CCC08, DT07a, DCP^{+}08, DFSD05, FTG07, FCP03, FSS06a, GB07, Gro04, GST08, HI05, HF03a, HQP^{+}09, IGHW07, JB04, JB06, JWB^{+}09, KSB07, KYZ^{+}08, Kau04, KMT06, KOT07, LM09, LRB^{+}06, LS04b, LJTD05, LKW06, Lio09, LP07b, LSD^{+}07, MH06a, MCK07, MBBR06, MNL^{+}07, MI08a, MI08b, MSSS09, MV07, Ots08, PT09, RKF06, RR09, RRS06, SMH07, STK08, SJD^{+}09, TPP^{+}04, Twa04, Ver04, VN08, WT05, XBCF05, XWC08, YLCW06, YZGW06, ZSRB07, hZzGqX^{+}09]. **Approached** [QLHL09]. **Approaches** [Jaz01, HK07, HLP06, JAHKH09, LJ09b, PHdB09, ZW07]. **appropriate** [DBBC08]. **Approximate** [ZDC08, GSB05, KSB07]. **approximating** [BGG06]. **Approximation** [Ell01, LS04a, TE04, TE05]. **approximations** [LS03, LD09a, PD04, Sav04, XFBC07]. **April** [Ano00q, Ano00u, Ano01v, Ano01-27, Ano02p, Ano02t, Ano03-36, Ano03-40, Ano04-46, Ano04-48, Ano05-46, Ano05-52, Ano06-43, Ano06-45, Ano07-44, Ano07-53, Ano08-43, Ano08-47, Ano09-40, Ano09-47]. **aqueous** [VS08]. **aquifer** [RDL07]. **Arabidopsis** [Kor09, LMT05, MAB00, Mei05]. **arbitrary** [ANT09]. **arbors** [RKH^{+}06]. **Arbuscular** [PBT02]. **ARC** [PCB07]. **archaeal** [FM03]. **Archaeological** [OLS^{+}02]. **archaic** [MB09]. **Architectural** [Whi05]. **Architecture** [ORM03a, SMG^{+}03, WM00, Bon04a, Bon04b, DFSD05, HML04, PRT04, PPRI08]. **Area** [Ant02, CC01a, Eng07, LJ06, PC09a, PPL^{+}00]. **areas** [AKS07]. **arginines** [Gre05]. **arid** [GJ07]. **Arino** [Kim07]. **arise** [MGDDH08, SC05]. **arising** [CKS07]. **Aristotelian** [LCL03]. **Arithmetic** [Gin00a]. **Arms** [WBB02, Cib08]. **ARO** [SMPM09]. **arousal** [PR08]. **arrangement** [Kun06]. **Arrangements** [Kun01, FSS06b, Kun03]. **array** [YYA09]. **Arrestin** [CHN08]. **Arrhythmia** [öWO01, ZTKH09]. **Arrhythmias** [CBBH01]. **arrival** [GBB08, LCL07a]. **Arrivals** [BCV00]. **Art** [Ost04, Rot04, Win04]. **artefacts** [HH04b]. **Arterial** [BE03, GBLV03, SKN^{+}03, DWBB04, Hol06]. **arterio** [WBR09]. **arterio-venous** [WBR09]. **arteriolar** [BFG08b, BFG08a]. **Artery** [RMBM00]. **Artery/Graft** [RMBM00]. **arthropod** [CGKC07]. **arthropods** [MRA06]. **Arthur** [TG04]. **article** [Ort06]. **articular** [BM06]. **artifacts** [CdOWS04]. **Artificial** [Bok06, HAG03, JST^{+}02, HDW^{+}09, LWRK07, SDBH04, VTG^{+}06, VN08]. **Artist** [Win04]. **ascending** [Ait08, PR08]. **Ascertained** [Jam00]. **Asexual** [CMB02, DEM^{+}00b, PDC02, Fuk04, LT09]. **aspartate** [LZS^{+}08]. **aspartic** [VGMVR^{+}06]. **Aspects** [WRF01, PW09b, SML07, SML08, dSKL09]. **aspen** [PBB03]. **aspiration** [BBSLN08]. **assay** [CLH07, Hua03]. **assays** [AC04]. **Assemblages** [Bon03]. **Assembling** [MCWF01, MPD^{+}07]. **Assembly** [GAA02, Vei03, AJSL07, BLMV05b, KMT06, KKR^{+}07, NS06, Paw09a, Twa04]. **assess** [RHF07]. **Assessing** [CAHH06, FMF^{+}00, KLL08, LPJB^{+}08, LGS^{+}09, NLS08]. **Assessment** [Hay00, SP00, Arc07a, BS04, BFA08, Gos06, QSAL08, YHI03]. **Assessments** [Pel00]. **assignment** [WT09b]. **Assimilate** [TH03a]. **Assimilation** [KRNKH00, EBId09, RH09a, RH09b]. **Associated**

[Che00, FW00, Lan00a, LY01, ASMM08, BL08, GKM+00, Gie03, HSK+08, KLK06, OR05, SFC+09, TMH04, WR07a, YKG+05]. **association** [GFWT04, Hui09]. **Associations** [Jam01c, SCH05b, SCS07]. **Associative** [GAT07, WS02a]. **Assortative** [CT06, RC09]. **assuming** [Tak06]. **assumption** [Bea06, EAM07, HE08a, MHKS03]. **Assumptions** [HS01, CZM09, Dus06, MGDDH08, SG07, Win06]. **Assurance** [FSL03]. **Asthma** [Sch02a, HSK+08]. **astrocytes** [BFG08b, BFG08a, BFG09, LH08, LH09]. **astrocytic** [SM06b]. **Asymmetric** [BS01, FK03b, HG02, HGC03, LL08, OM08, PNG03, Yan05, YM05b, ZWT+08]. **asymmetries** [ZXWF08]. **Asymmetry** [ES01a, Laz02, MC01, PKL01, FKS07, HF03a, PCH+05]. **Asymptotic** [GL09, MGAR07, Zah00]. **asymptotics** [Sim08]. **asynchronous** [BCRG04, TC09]. **asynchronously** [LFC04]. **AT2** [Plu06]. **AT3** [Plu06]. **AT3-profiling** [Plu06]. **Atherosclerosis** [Gam06]. **atherosclerotic** [ZHB04]. **athletics** [GMMGDA05]. **Atlantic** [GNLEK07, LS08b]. **Atmospheric** [SM01, Wal00, KRNG08]. **atom** [HK05]. **ATP** [BPLS06, MS06a, NM06, NHTM09, SM06b, WHH07]. **ATP-dependent** [MS06a]. **ATP-induced** [WHH07]. **ATP-mediated** [SM06b]. **ATPase** [AGT+01, FKAC06, GG07]. **ATPases** [NM08]. **atrial** [CE08, RK05]. **atrioventricular** [RK05]. **attachment** [MD04, SPG06]. **Attack** [Fra00a, Fra02, PKW+00, VMW01, KYS06, LPC06, MW09]. **Attacks** [Sch02a, Lin04]. **Attempt** [Eic01]. **attention** [LAG09]. **attenuation** [CPG09, MKA05, SZ04]. **attract** [KYS06]. **attraction** [Bye09, SRS09]. **attractive** [CMG06, RRH08]. **attractiveness** [CTB09]. **Attractor** [MD01, WS02a, Hav04]. **attractors** [RK07]. **Attrition** [HG02, ELL04, HGC03]. **ATW** [Ano04c]. **auditory** [SP05a, SGTF07]. **Augmented** [NSS+08a, hZzGqX+09]. **August** [Ano00w, Ano00-27, Ano01t, Ano01y, Ano02q, Ano02w, Ano03-32, Ano03-37, Ano04-43, Ano04-47, Ano05-48, Ano05-51, Ano06-46, Ano06-51, Ano07-46, Ano07-52, Ano08-45, Ano08-50, Ano09-42, Ano09-48]. **Aunt** [GK00]. **aureus** [ABP+00, MPM07, PWVvR09, MWD08]. **Author** [Ano03a, Ano03b, Ano03c, Ano04h, Ano04i, Ano04d, Ano04e, Ano04f, Ano04g, Ano05b, Ano05c, Ano05d, Ano05e, Ano05f, Ano05g, Ano06a, Ano06b, Ano06c, Ano06d, Ano06e, Ano06f, Ano07a, Ano07b, Ano07c, Ano07d, Ano07e, Ano07f, Ano08a, Ano08b, Ano08c, Ano08d]. **autism** [KV05]. **auto** [Tao04a, XT06, hZzGqX+09]. **auto-regulatory** [Tao04a, XT06]. **autocatalysis** [MS05b]. **autocatalytic** [HS04]. **autoimmune** [ITM+07, ITI+09]. **Autoimmunity** [NGN+04]. **Automata** [KCT02, MD06, STK08]. **Automatic** [XWD+01]. **Automaton** [CMB02, HBLG02, KTH+00, PGLG01, ABM03, BMH07, BST05, GA07, GA08a, GFWT04, PA09b, PA09c, XWC08]. **automimicry** [LY03a]. **autonomous** [Cin03, MC06]. **autonomy** [BFK08]. **Autoparasitoids** [SMG01]. **Autopoietic** [LMM03]. **Autoregressive** [CPR00]. **autoregulation** [TIM06]. **Autotoxicity** [CEP05, Sin07]. **autotroph**

[MRC09]. **autotroph-based** [MRC09]. **Autumn** [Arc00, Arc07a, Arc07b, Arc09a]. **Auxin** [Kra01c, FMI05, FPM+06, FM06]. **Auxin-mediated** [Kra01c]. **Availability** [TTR00, AKS07, EW09, MFI09]. **Avalanches** [NL03b, RKYH06, SVGK07]. **avascular** [RSC+06]. **average** [DCC+08, PL09, WN05]. **Avian** [ITL09, FS06, ITKL08, ITLN09, JITJ09, MBB+06, PB07]. **avidity** [KSEK09]. **avoid** [KY03, PBC09b]. **avoidance** [Yam03]. **away** [Akt04]. **Axially** [KRNKH00]. **Axillary** [GBCC01, GHC03]. **Axis** [Yos03]. **Axisymmetric** [GH02]. **axon** [LRT04]. **axonal** [ML09b, OLBM08]. **Axoneme** [DF00, Cib08]. **axons** [CBF05].

B [TL00, LIK+05, AMP06, CRNP07, DFP01, HJ06, Jam07, JAFW05, KD03, LPB+04, MH07, NA04, TBR08]. **B-DNA** [TL00]. **Baby** [GCYH01, KS03]. **Bacillariophyta** [SWM09]. **Bacillus** [KiHM+03, MBP07, AIK00]. **Back** [MD01]. **backbone** [WZ08]. **Background** [HH05a, MSDM06]. **backness** [Nar06b]. **Backward** [RMP08, CMW08]. **Bacteria** [Di 03a, AAEW09, Amz04, AR08, BKP09, EHG03, HFS06, JG08, Joh08, KNT+09, Kun03, MRC09, RAZ03, ROR05]. **bacteria-derived** [JG08]. **Bacterial** [AMW00, Ats01, BP01, GLV02, GEK04, NP07, RAZ03, TGP+00, CRL06, Cog06, DRV+08, GASA09, Kun06, Luc05, MX08, Mig06, PLG+06, PGF+08, RZF03, RSH+06, SCS07, YMLK04]. **Bacteriophage** [AC07a, PJ01, RFH+02, AC07b, BM04, KT07, PBHS05, TB04]. **Bacteriophages** [Wil01, AR08]. **bacterium** [SRN07]. **bad** [BS06, Yan09]. **Balance** [CD02, CSP01, FLBB01, LGB02, The00, AF09, BL08, BGG+09, Fuk04, HH07, HTCS07, Kel07, MGM07, MS08b, MSSS09, SS06c, SHRR06, SS09b]. **Balanced** [KW00a, PP04]. **ballistic** [RB09a]. **Banavar** [MGL05, MGL06a]. **Banding** [BPZ+01]. **bands** [GBZ06, GG09]. **Bank** [ARKL02]. **Banker** [ARKL02]. **barbata** [See00]. **bare** [For09]. **bargaining** [dSKL09]. **Barker** [Jam01b]. **barking** [SG07]. **barley** [OF05]. **barley-malting** [OF05]. **barnacles** [YOYT07, YYY+08]. **Baron** [KV05]. **Barr** [CMB+01, SDL+08]. **barriers** [BS05b, MS06a]. **basal** [vAR09, vAGDR09]. **Base** [OKS01, For07b, JS07, LRD04, Mei05, OS03, YY07, ZXWF08]. **base-pattern** [LRD04]. **base-specific** [Mei05]. **Based** [AøP03, Ano09a, CSFH+01, Cum00, GBG01, GS02b, GRG02, HGV01, IST01, ISWT02, PDA+00, PBR03, SK01, Wal00, AM09, AWO+09, AV05, BFH+01, BKMH07, Ben03, BGB08, BBM03, BBM04, BRS+09, Bon04a, BSJ04, CSR+05, CC06b, COdAM05, CCZC08, CP03, CSM05, DGM05, DLM08, Di 01b, Dic08, DFCL08, DFSD05, DBF07, FM07a, FmW08, FVP+07, FBM06, FCD+05, FP04b, Fra03, FH07, GA09, GLV02, GKK06, GG09, Gro02, GST08, GNLEK07, Han04, HK07, HP04, JAFW05, JAV07, KYZ+08, KG00, KR07, KD03, KRB05a, KJ08, KSS07, KLL08, KSR07, LK08a, LH06, Lio09, LW08b, LZ09b, ML09a, ML12, MKLD02, MD03, MDD06, MW01, MSS05, MS06a, MRC09, MB07, MLWL06, MD08, MM00b, MGDM08, MGDBdM08, NN07, NBT07, Nar06b, NA02,

PWZ09, PBMU+09, PWG09, PR08, PLG+06, PRP+03, QWQ07, QA01]. **based** [RRH08, RWK08, RLCIB05, SK09a, SWN07, Sch08a, SI06, SCH05b, SMPM09, SJGK04, STK08, SKK+07, Sta09, SRAL12, Tak06, TSZ+07, TGV+07, UM08, Usa06, VGS+05, VRB01, VCGV07, VN08, Wal08, WYC06, WZ08, WM04, WC07b, YDL06b, YPY+09, YAL04, YSW09, hZzGqX+09, ZC06, ZAD07, ZF08, ZLXY08, ZYD+05, ZT06]. **Baseline** [BB03]. **bases** [MA07b, Wal07b]. **Basic** [Dus01, MH09a, Now00, CHCC+04, IMN04a, NI07b, RR08, Ste09, Yan08]. **Basis** [ADMZ02, HFH03, PGF+08, PD00, RB02c, TGR+00, øPVO02, AC04, JB04, TK05]. **Basket** [RB02a]. **bass** [CH07]. **bat** [DHR+07, RWID+08]. **batch** [LTLM09]. **bathtub** [BLZ07a, BLZ07b]. **bats** [DHRM08]. **Bayesian** [BMR08, BE08, Ded09, GRBR04, HTCS07, HLP06, LD09a, RGRB04, VTL05, Van06a]. **BCG** [Ger09]. **Bcrp1** [IZGG05]. **Bcrp1/Abcg2** [IZGG05]. **Bdellovibrios** [Wil01]. **BDI** [JST+08]. **BDI-modelling** [JST+08]. **be** [BS01, BH03b, Buc04, Di 01b, EFW07, Kom07, KV04, MH06b, MS03b, Par04, RH04, SR08, THKU07, WFGP04, vV06, vV09]. **bean** [FHL+06]. **Bearing** [GB02]. **Beating** [DF00]. **Beautiful** [Kan07]. **because** [Di 01b, For00a]. **becomes** [BM09]. **Beddington** [LWC09]. **Beddington-DeAnglis** [LWC09]. **Bee** [SB00, AO03b, CM03, GHHR03, HD08]. **been** [JHJ09a]. **Bees** [BHOR01, HD08, RP09a]. **Beetles** [PKW+00]. **before** [Hau07, MHMGM08, TP05]. **Begging** [DSK02]. **Behaves** [SM02]. **Behavior** [AMW00, ACK00, BKCR01, CR02, KG02, MKN02, Mur00, OMT03, TM00, ZKH+05, BBD06, BR09, BLRR08, BOvD08, BEK+03, HTN04a, HTN04b, LPC06, MGS08, RV05, RBS05, Tul03, UD07, Won06]. **Behavioral** [Cha03, FSGB+02, FHL+06, NDD08]. **Behaviors** [Cha01a, BCH03, BFA08, LSH06, YKiP+09]. **Behaviour** [TGR+00, YTAK01, BG08, CM03, CW08b, Har07b, HWCF07, HBWB08, LPJB+08, LYZ08, MSH05, SSR04, TOB08, VGMM+07a, VGMM+07b, VGMM+08, vV06]. **behaviour-pharmacokinetic** [LPJB+08]. **Behavioural** [Jam01c, PCA+09, RB08]. **Beijing** [WR04]. **being** [Hau07]. **bellied** [DPV00]. **Belousov** [SRR08]. **below** [ES00]. **bending** [AAL08]. **Beneficial** [BR02, JCK09, Bar05, BR09, DPA03, DPA05, Orr06]. **Benefit** [GG01c, Ste00, Gol08, RSC+06]. **Benefits** [BKM09, KCHP08, LAG09, MH09b, NP08]. **Benthic** [Mcn00, MN01]. **Bertalanffy** [LP07c, RBP+09]. **Bertrand** [BZ00]. **bet** [YCS04]. **beta** [GBZ06, OHM05, YDL06a]. **beta-strand** [YDL06a]. **better** [DqLmW07]. **Between** [ARKL02, CD02, DPA03, FDG02, Had01, ISC01, PL01, SCH02c, TMI03b, AB06, ALM09, AWO+09, AF09, ARR08, Bat09, BGE06a, BdSFFDMC09, Bla04, BB03, BJ02, Cha03, CXM+09, CCF06, CTB09, CGKC07, DLGC02, DBBW09, DBBW11, Ded08, DI09, DFP+08, Dru03, FLBB01, FL03, FS04b, FHD09, FM06, Fur02, Ger09, Gol07, GG02, Gra02, HH07, Hog00, HVPN02, Jam01c, Jav00, JCK09, KF06, KNT+09, KW00b, Ken07, KRN01, KMC+07, KRB05b, LTG+04, LRT04, MZ02, MX08, Mar09a, MB06, MR07a, MLWL06, MLPJ09, MKE$^+$09, Nak01, Nak03, NM08, NSS08b, NA03, NdGG06, OPN07, OKS01, PCH$^+$05, PPR01, PDIS00, PG01a, PL09, PDC02, Raf02, RR09, RDC09, RGSFM07, RGFP07, Row06, SSLB07, SHI03, SB09c, Tak06, TW04, TNTJ08, UD07, UCSZ07, WT09a, WKB07, WT05, Won05, WB06]. **between** [XFBC07, Xie09, YCC02, Yan08, YB05, ZSF$^+$07, ZZLT07, vLBJK07, vdGMG$^+$09]. **Between-generation** [SCH02c]. **Between-group** [DPA03]. **Beyond** [BLS06, CXM$^+$09, Wax06, PD04, SSJ09]. **bgl** [RGF$^+$08]. **bi** [JSCN04, HB02a, HB02b]. **bi-directional** [JSCN04]. **Bi-trophic** [HB02a, HB02b]. **Bias** [SMNL07, DZB$^+$04, GW06, HP04, MX08, SIHH04, SWI07]. **Biased** [GJE02, YMC01, Blu07, BR09, CH05b, KGL09, QXDW06, Wak05]. **Biases** [WKL01, Ded08, YDL06b]. **biasing** [Ded09]. **bibliography** [CB08c]. **biclustering** [ZLXY08]. **bicoid** [LVABV05]. **Bicoordinate** [Ben03]. **Bidirectional** [TYW05, JCRJ07b, JCRJ07a]. **bidomain** [Rot04, TPP$^+$04]. **Bifurcation** [AKdlPP06, PG00, QB00, CD07, CMW08, GKS06, GK09, HdGH07, NK08]. **Bifurcations** [SS06a, TYI$^+$06, BHC06, BGF07, RMP08]. **Big** [Den08, Kan05, LD09a]. **bilateral** [Ber07]. **Bilayer** [CMPL$^+$00]. **Biliary** [EM00]. **bilinear** [MPOBD$^+$09]. **bimolecular** [TE05]. **Binary** [DALP03, HH08, PE04, SG07, Yam03]. **Binding** [FFN00, KMP03, Mac00, MJW00, PD01, SRN$^+$00, TML02, WQ00, AS07, BM04, CZM09, DHW$^+$09, FWCN05, GSG$^+$07, GFWT04, HBB08, Hua03, Jus08, Kar03, KS08a, KmMK04, LVABV05, MD04, Mei05, PBvdG09, PE04, Sar04, STW$^+$09, TR08, VSP06, WOLS07, YCC$^+$06]. **bio** [MPOBD$^+$09]. **bio-macromolecular** [MPOBD$^+$09]. **Bioactivity** [BS00, HDW$^+$09, Kli06]. **Biochemical** [Alb02, DALP03, MWB$^+$02, PD01, Voi03, BBCQ04, BB07a, DL08, GAT07, KA03a, Lie05, MLA04, MA04, MS05b, NSS08b, Péc05, SHI05, SHI06b, SSB06, SML07, SML08, UW09]. **Biochemistry** [JST$^+$02, PTFF05]. **Bioconvection** [GH02]. **Biodiversity** [BDBR07, BLMV05a, BLMV05b, DLRL08, AK09, Est07, EAM07, HE08a, MWL$^+$07, MBRRI08, SWN07, WR03]. **biofilm** [Joh08, ZFVH05]. **Biofilms** [BBB$^+$07, ES08, MRC09]. **biogenesis** [KS04]. **Bioinformatic** [KMP03, RB02c]. **bioinformatics** [JHJ09a, MPOBD$^+$09, Ano01-33]. **Biokinetic** [Has01a]. **Biol** [AGW$^+$08, AMD06, BZ05a, BBM04, BKE04, CSP$^+$09, DBBW11, EPJ$^+$11, FK03a, Gie06, GWM06, HTN04a, IvDHI08a, JCRJ07b, KCP09, Ker06, LH09, LGK$^+$12, Lei10, LVL08a, LW04, ML07a, ML12, MT06a, ML08b, MI08a, NI07a, NI04a, Paw09b, PCZL06, PA09b, RH09a, RMAI09, SHI06b, SI04c, SRAL12, SML08, TK09a, TRM03a, TRM03b, TQUN08, UI04b, VGMM$^+$07a, VGMM$^+$08]. **Biological** [BP00, CSM02, CA00, CD00, Dai02, DMW04, De 02a, FBUL05, GJE02, Gin00a, HRBL02, Jaz01, KS01c, Lac01, LFLM00, MZ02, Nak01, Nak03, OCP$^+$00, PPR01, PSM06, RC00, RKL02, Tor01, WBB02, BCRG04, BLS06, BGO08, CC08, CMG06, CIV09, CPMG$^+$08, DqLmW07, Dal06, DW05, DGS09, FP04a, GXG03, GDPMDS$^+$09, GF09, HVY$^+$07, Hor08, JJEX09,

LME06, MD04, PCZL05, PCZL06, PKS+08, RG03, San03, SPG06, Vin05, Wag03, Wil09, Zam03, dPGR06]. **Biologically** [Rae02]. **Biology** [Agi04, Ano00e, Ano01h, Ano02a, Ano05h, BLZ07a, BSRH03, HH05b, Laz02, LHD+01, OI05, TT03, VW00, WMLC02, BC09a, BNRW04, BIB07, CLMMP06, Dem06, KM08, MHRK08, SBI07]. **bioluminescence** [DS05]. **biomarker** [APL08]. **biomarkers** [VGDSU09]. **Biomass** [GS02a, HM01, Nik02, BR04, Niw05]. **Biomass-Diversity** [GS02a]. **Biomechanical** [ACD04, AF09, GT03, TGT06, BG06, Wes03]. **Biomechanics** [CC01c, LDT09]. **biomembranes** [MS05a, MS06a]. **biomimetic** [RRR+08]. **Biomolecular** [WPE03, BMR08]. **Biomolecules** [Kal00]. **biophysical** [EH08, RRR04]. **bioreactor** [WBD+09, ZC09]. **bioregulatory** [GGV+08]. **biosynthesis** [RGW+05]. **biotic** [BTCD07, FSS06a]. **biotin** [dQW07]. **BiP** [GAA02]. **BiP-** [GAA02]. **Biparental** [DMZ00]. **biped** [KH07b]. **bipedalism** [Syl06]. **Biphasic** [QASL08, QSAL08]. **birch** [Che07]. **Bird** [Ale01, ELB02, MM00b, SPH03, Ale09, AKS07, Lin04, Sac05]. **Birds** [GA02, LZGL03, Sac07]. **Birth** [Jam01b, Wel02, Bog04, Hel08, ING04, Jam06, Jam08b, Jam09b, Sta09]. **birth-death** [Sta09]. **Bisexual** [GMM09]. **Bistability** [MKL09, TB04, vKdRP05, LHFH08, NPN09, PHL08, SGCK+08]. **Bit** [FMD01]. **Bits** [PFdP+07]. **Black** [Ano01e, Mac01]. **blindness** [Wal07a]. **blips** [PPD09, RP09b]. **Block** [Che03a, CRB05, LAG07]. **Blocks** [öOW01]. **Blood** [DEM+00b, SP02, WGH01, AM06, APL08, BGE06a, BGE06b, BFGB04, BFG05, BFG08a, GRW03, JCK09, KCV05, Kin07, LT08, PRP+03, RGB06, WBR08, WBR09]. **blood-borne** [APL08]. **Blooms** [CSM02, CCV08, HBOS05, SC03]. **bluefin** [GNLEK07]. **Blueprints** [KTE08]. **bm86** [RAHO06]. **BMP** [ZLN07]. **board** [Ano03o, Ano03p, Ano03q, Ano03r, Ano03s, Ano04-29, Ano04z, Ano04-27, Ano04-28, Ano04-30, Ano04-31, Ano04-32, Ano04-33, Ano05i, Ano05j, Ano05k, Ano05l, Ano05m, Ano05n, Ano05o, Ano05p, Ano05q, Ano05r, Ano05s, Ano05t, Ano05u, Ano05v, Ano05w, Ano05x, Ano05y, Ano05z, Ano05-27, Ano05-28, Ano05-29, Ano05-30, Ano05-31, Ano05-32, Ano06k, Ano06l, Ano06m, Ano06n, Ano06o, Ano06p, Ano06q, Ano06r, Ano06s, Ano06t, Ano06u, Ano06v, Ano06w, Ano06x, Ano06y, Ano06z, Ano06-27, Ano06-28, Ano06-29, Ano06-30, Ano03d, Ano03e, Ano03f, Ano03g, Ano03h, Ano03i, Ano03j, Ano03k, Ano03l, Ano03m, Ano03n, Ano04j, Ano04k, Ano04l, Ano04m, Ano04n, Ano04o, Ano04p, Ano04q, Ano04r, Ano04s, Ano04t, Ano04u, Ano04v, Ano04w, Ano04x, Ano04y]. **Board** [Ano06g, Ano06h, Ano06i, Ano06j, Ano07g, Ano07h, Ano07i, Ano07j, Ano07k, Ano07l, Ano07m, Ano07n, Ano07o, Ano07p, Ano07q, Ano07r, Ano07s, Ano07t, Ano07u, Ano07v, Ano07w, Ano07x, Ano07y, Ano07z, Ano07-27, Ano07-28, Ano07-29, Ano07-30, Ano08e, Ano08f, Ano08g, Ano08h, Ano08i, Ano08j, Ano08k, Ano08l, Ano08m, Ano08n, Ano08o, Ano08p, Ano08q, Ano08r, Ano08s, Ano08t, Ano08u, Ano08v, Ano08w, Ano08x, Ano08y, Ano08z, Ano08-27, Ano08-28, Ano09b, Ano09c, Ano09d, Ano09e, Ano09f, Ano09g, Ano09h, Ano09i, Ano09j, Ano09k, Ano09l, Ano09m, Ano09n, Ano09o, Ano09p, Ano09q, Ano09r, Ano09s, Ano09t, Ano09u, Ano09v, Ano09w, Ano09x, Ano09y]. **Bodies** [FMF+00]. **Body** [KMGV00, LST00, MGL03, Can07, CM09, CSS08, CTB09, Hel08, HJ07, HNTHA07, NM06, Usa06, VPGA07, WM04]. **Boiss** [FLS+04]. **BOLD** [BFG08b]. **boldness** [JZST09]. **Bolus** [NB02, MF05]. **bond** [RN07]. **bonded** [SWB06]. **Bonds** [Tho02, PSSY09]. **Bone** [CACC02, FK01b, KG02, MGAD09a, MGAD09b, SNT03, ZCC01, Cur04, DMW04, FK03a, FH07, FHD09, GGV+08, GBGAKD05, IvDHI08a, IvDHI08b, KSG03, LTG+04, MRGADD08, NP05, THL03, TT04]. **bone-healing** [IvDHI08a, IvDHI08b]. **Bones** [Tay00]. **Boolean** [ML12, AHCN07, CAS05, DTG09, DB08, GBK+07b, IiKY07, iKIY09, MWS09, ML09a, QD09, Rae02, TC09, VFC+09, WW07]. **Boophilus** [RAHO06]. **boost** [CW07]. **Boosting** [GG03a]. **border** [HMB+08]. **born** [JHJ09a]. **borne** [APL08, CBC+09, HRvdD08, RPNH03]. **Botanical** [SMG+03]. **Both** [ZCC01, DL08, HC07a, Lei09, Lei10, OW07, VGMM+07a, VGMM+07b, VGMM+08]. **bottlenecks** [AB04]. **bottom** [IPY07]. **bottom-heavy** [IPY07]. **Botts** [VGCGM+02]. **bouncing** [BD08b]. **Boundaries** [BB02, DFC+02, RN07]. **Boundary** [Har01, MZ02, SBH01, HKP07, Rej07]. **bounded** [JBF+03, LP08]. **bounds** [FS09]. **Bout** [YTAK01]. **Boutons** [KFG+02]. **bovine** [EL09, GLE+09]. **bowel** [Agi04, BBB+07]. **bownockeri** [SKY09]. **Boyden** [CC09a]. **brachiating** [GR05]. **Brachiopoda** [SKY09]. **Brain** [KTH+00, NKC+08, Phi02, SP02, AMD05, AMD06, GMK06, GK06a, GT06a, HKP07, KV05, KJJB07, LSMZ08, MDD06, Mat06, NL03a, RRR04, SCNP+06, TN04, TTN05, ZAD07]. **brains** [LD09a]. **Branch** [BM03b, SW03, LBS06, Xie07]. **Branching** [GL01, GBCC01, HGV01, Kun05, OSCK01, Zam01, ZMQX01, Cam03, CLMMP06, DECEK06, FFHK09, GASA09, GMM09, GvO04, GHC03, HM06, HIM09, II06, Kun03, MAL03, MHKS03, SZC+03, SK09b]. **brant** [PB07]. **breakdown** [KCS+06]. **Breaking** [Di 00c, OPN07]. **breaks** [Wal07b]. **Breast** [SA01, EAC+06, ECAV07, FBUL05, Lin07, MMUGD09, SA05b, TCP05]. **breathing** [BTS08]. **breeder** [STMH04]. **breeding** [BWMS07, FS06]. **bridge** [Dru03, STSD09, Zah00]. **bridges** [GZ04]. **Bridging** [GS00, HP00a, LSH06]. **bright** [NGN+04]. **Brood** [ORM03b, HB09]. **brothers** [Bla04]. **Brown** [BDMR06, MGL05, Cle07]. **Brownian** [Kut03, LDW04, LDW05, YMC01]. **brucei** [NO04]. **Brusch** [Rot08]. **bryophyte** [BC09b]. **Bt** [MMV+04, MGL+06b, MGL+06b]. **Bt-plant** [MGL+06b]. **Bt-resistant** [MMV+04]. **Bubble** [HHR01, HVN07, SWRH03]. **bubbles** [KRN03]. **Buckling** [FMP01]. **bud** [HIM09]. **Budburst** [Chu00]. **budding** [Ber03, Iro09, iTYU06]. **budgets** [MKE+09]. **buffering** [GKS06]. **Build** [GMdA+07]. **Build-up** [GMdA+07]. **builders** [Gol07]. **Building** [HW01, VCBV+06]. **bumpiness** [Kin07]. **Burden** [HFH03, RRS06]. **Burst**

[PB02, Bul08, Ver04]. **burster** [LFSG+05]. **Bursting** [DS00a, FDA+09, Ped05, Ped07, RWK08, WB04, WKRD09]. **Businesses** [CMW02]. **Butler** [For09]. **butterfly** [OST09]. **bystander** [LFP+05, ØØS06].

C [CS09, DqLmW07, KRN01, NS06, ARR08, Bat09, DLRP07, DL08, KS08a, KOK06]. **C-mol** [Bat09]. **C-to-U** [DL08]. **C.** [MY01, MGS08, NM09, RW08]. **Ca** [AGT+01, BGP00, DBR+05, FB08, FK01a, FWLN04, FKAC06, GBD00, HS07, KBT08, Kar03, MGP+08, MTS05, PAH06, Saf09, WHH07]. **Ca-ATPase** [AGT+01]. **Cabanes** [Ril02]. **cache** [PM03]. **cadmium** [MCMS06]. **Caenorhabditis** [KCS+06, RDSB+03]. **Calcium** [ESGK02, GTG01, GG03b, GS08a, PH03, SRMW00, VLFN00, BFGD07, FL03, Gam06, GKS06, HGP+07, KGG08, LH09, LK08b, LGB03a, MS03a, MRGADD08, WTC09, WMS08b, LH08]. **Calcium-activated** [VLFN00]. **Calcium-dependent** [GS08a]. **calcium-induced** [LK08b, WTC09]. **Calculate** [HS02b]. **Calculating** [Kon09, WW08]. **Calculation** [FSG00, For07a, Mei05, Tur02, HP04, LMF03, SHI05, SHI06b]. **Calculations** [SP01]. **calculus** [Bra07, NTU06]. **calorie** [Bar05]. **calsequestrin** [LK08b]. **Cambium** [Kra02]. **Can** [BS01, BR02, BLT03, BTL08, Dor03a, EKIL01, HHR01, ITL09, NS03a, Par04, PL01, PG01b, SGTF07, VPGA07, Arc09a, BN04, Blu07, Bok06, CS00, Di 00c, EFW07, FI06, FZ04, Fow09, GOP09, HB01, Kom07, MGDDH08, MS03b, MGL+06b, MPA+08, OI06, PN01, PDM04, PE04, PGH+04, RZF03, RHF07, RR09, RB09a, RMRG09, SR08, SH08b, THKU07, Uit09, WFGP04, WN05, WG03, WVA05b, vV09]. **Canada** [TP05]. **canalization** [FI06]. **Cancer** [CP07, DGD+09, LY02, QHF+07, SHHD02, SRCDS08, TS02, WW00, ABM04, AS09, BCJ+08, BRS+09, DCP+08, EAC+06, ECAV07, Fra03, GC08, GA08a, HPZ09, IZGG05, JWB+09, Kam03, KSO06, KSN03, Kom06, LKW06, LVL08a, LVL08b, MCM+09, MFM+03, MMUGD09, Ort06, ØØS06, SD04, SBGA04, TSC04, VHF08, VGDSU09, Wod07, ZAD07, dVG04, dVG06]. **cancer-related** [MMUGD09]. **cancerous** [vLBJK07]. **cancers** [SSB+07]. **Candida** [SSF09]. **candidate** [Yan06]. **cannibalism** [NI04b, NI04a]. **cannibalistic** [Wak04]. **cannot** [Di 01b, Sch05a]. **canonical** [HR08, Voi03]. **canopies** [BH04, BLL08, HHH06]. **canopy** [MDCC06, VN07]. **Cap** [BG00b, NKC+08]. **Capabilities** [SSJ09, SP00]. **capability** [MAHD06]. **Capable** [SCGFS00]. **Capacitance** [GB01]. **Capacity** [ES00, BdABA09, SF08a, Whi07]. **Capillaries** [MKB03, Kin07]. **Capillary** [GP00, GP01]. **capped** [MJ07a]. **capped-rate** [MJ07a]. **capsid** [AKR09, PT09, Twa04]. **capsids** [KMT06, KTE08, TH06]. **Capture** [FSGB+02, CB07b, RHM+08]. **Capturing** [MSSS09, DRV+06]. **carbohydrate** [NM08]. **Carbon** [DLGC02, TPWG01, BS05b, BSJ04, EBId09, Gam06, Gie03]. **Carbonic** [Tho02, Gam06]. **carboxylase** [dQW07]. **carcinogenesis** [LVL08a, LVL08b, SGG+07]. **carcinogens** [KDKS06]. **carcinoma**

[BMH07, FBUL05]. **Cardiac** [CBBH01, Cyt04, JK06, KC03, KMGDG04, MS08c, Rot04, SWC^{+}08]. **cardio** [CKE06]. **cardio-respiratory** [CKE06]. **cardiomyocyte** [TOB08]. **Care** [MSWH00, WH03, MPM07, NWT09, SWI07, WTSN06]. **careful** [SWRH03]. **cargo** [FWE06, ML09b]. **cargo-exerted** [ML09b]. **Caribbean** [SZC^{+}03]. **Carlo** [ACK08, GFW^{+}09, HW05, HW06, SPAH06, SIHH04, WFGP04]. **carnivory** [Bal04]. **Carnot** [Smi08b]. **carotid** [HdGH07, VPGA07]. **carrier** [APL08, FMI05, FM06, NPN09]. **carriers** [CWDM06, Jam07, TGV^{+}07]. **Carrying** [ES00, BdABA09]. **cartilage** [BM06]. **Carving** [KF03]. **cascaded** [RAK^{+}08]. **Cascades** [Har02, SSB^{+}02, BH03a, FMHW08, LP07a, SV07]. **cascading** [AB04]. **Case** [AP01, AM01, ACCC02, BR00, Kor07, RB02c, AHT^{+}07, BG08, CM09, DB08, Dor03a, DSA^{+}06, FPL03, FHL^{+}06, GXG03, HJ07, KMW03, Lew03, MS03a, SSD09, TSS06, TGN07, VCBV^{+}06, YM05a, YM05b]. **cases** [CC08, CHCC^{+}04]. **caspase** [SS05a]. **caspase-3** [SS05a]. **caste** [Tof06]. **Castelvecchio** [Ano02a]. **Cat** [BKCR01]. **catabolism** [Bat06]. **catalysed** [BS05b]. **Catalysis** [For00b, MKT^{+}00, CY08, WZW^{+}07]. **Catalyst** [ALSM06]. **Catalyst-induced** [ALSM06]. **catalysts** [RN07]. **Catalytic** [KY02, MS01a, Tho02, TGR^{+}00, dCZJ^{+}04]. **catalyzed** [Alb08]. **catastrophe** [SD04, SSDM06]. **Catastrophic** [ACL03, wTA09, YN02]. **Catches** [BZ00]. **categorization** [KJ08]. **catenin** [Daw09, vLBJK07]. **caterpillar** [LDT09]. **catfishes** [VAAH05]. **Catheter** [ABR02]. **cation** [AS07, MSGS08]. **cation-** [MSGS08]. **cattle** [IGHW07]. **caudatum** [UKY^{+}09]. **Cauliflower** [LN02]. **Causal** [BMR08, Kru02, Jäc07]. **causality** [BB07a]. **causation** [MLS09]. **cause** [GHHR03, GT06b, MS08b, WG03]. **Caused** [RBBH02, TMI03a, KJD05, KC07, SW08b]. **causes** [GKB03, GS08b, PLG^{+}06]. **cautionary** [Van06a]. **cautions** [BDMP^{+}08]. **Cave** [OCP^{+}00]. **cavities** [TTN05]. **Cavity** [COS01]. **CBPP** [EL09]. **CD25** [LGCL07]. **CD28** [CRB05, SF04]. **CD4** [LGCL07, AWJ02, CRB05, PD01]. **CD8** [ABP^{+}03, HW06, LVV^{+}01, vdBWLS07]. **CD8-driven** [vdBWLS07]. **celestial** [BH04]. **Cell** [AMW00, BG00a, BFGS07, CMTU01, CMS^{+}00, Coo01, DFP01, EP00, FMF^{+}00, FK01c, GS00, HEH^{+}09, HSB01, Hog00, JST^{+}02, JL01, LCL07a, LVV^{+}01, Moc02, OI00, PKL02, PD01, RBN^{+}01, SHHD02, SLH^{+}09, SK01, SRN^{+}00, TMI03a, TTN05, TSZ^{+}07, TMI03b, TPD^{+}00, Tyr01, TN01, UI04a, UI04b, VRB01, VP01, WJ01, YBV^{+}00, Agi04, ABM04, ACSY04, ABTR07, AGZ^{+}06, APS06, AB00, AB03, BLS^{+}09, BGK09, Bel06, BGB08, BFK08, BB07a, BI09, BC06, BdOP06, CLHW07, CLH07, CSR^{+}05, CDFP04, CE08, CC09a, Cin03, CL05, CS07, CLM07, CSD09, CWJ07, Cyt04, DHYHR09, DBBW09, DBBW11, DECEK06, DSVBW07, EZM05, FWLN04, Fli05, FFHK09, FFD^{+}02, FKS07, GC08, GA09, GCP04, GCB^{+}07, GCS07, GSNH08, GZ04, HHBY06, Har07b, HJ06, HK07, HTN04a, HTN04b, HPZ09, HC07a, HD08, Iro09, IvDHI08a]. **cell** [IvDHI08b, JAFW05, KBT08, KP06, Kin04, Koh07, KJD08, Lan00a, LWRK07, LPLC00, LLC03, LHFH08, LFP^{+}05, Lit07, Lo07, LCHB06, Man06, MS08c, MH07, MR07b, MRJR09, ML04, MSL04, MS06b, MCN08, NK08, NS07, NT04, OOHI06, ØKRG04, Ots08, OHM05, PS03, Pal08, PW09a, Paw07b, Paw09b, PGMK^{+}03, PTFF05, PAVS03, PRP^{+}03, QO08, RZF03, Ros03, SF04, SS06c, SWM09, SMPM09, SBPC05, SLB07, SG06, SMCT08, Ste04, SMPvdB08, SRAL12, SML07, SML08, iTYU06, TCP05, VHF08, WWS^{+}06, WSM05, WO04, WL03, WM04, Wod07, WH07, YLCW06, YHM^{+}06, YYA09, ZAD07, Zhu09, ZAB^{+}09, dT07b, vdBR04a, vdBWLS07]. **cell-** [JAFW05]. **cell-autonomous** [Cin03]. **Cell-based** [TSZ^{+}07, JAFW05, SMPM09]. **cell-cell** [APS06]. **cell-cycle** [ABM04, BB07a, VHF08]. **Cell-fate** [LCL07a]. **cell-getting** [Cyt04]. **cell-heating** [HD08]. **cell-phenotype** [IvDHI08a, IvDHI08b]. **Cell-Rearrangement** [TMI03b]. **cell-to-cell** [HJ06]. **Cells** [AWJ02, Ano01h, Bar01, BKCR01, BGP00, BPZ^{+}01, DS00a, ERM00, FMF^{+}00, FY00, GB02, KK00b, LSMLB^{+}02, MLMW01, MW01, TM00, TLA00, UI02, WS02b, WW00, ABM04, AMP06, BFG08a, CSON^{+}05, CCT^{+}09, DT07a, Daw09, DBB09, DdB03, Fin06, FB06, HW06, Jäc07, JCK09, KR05, KF04, KD03, KSEK09, KLN^{+}09, Koh07, KM05, KI04, KI05a, LFC04, LGCL07, MS05a, MH07, MRJR09, NMH07, NA04, Noe00, OAKC08, Ped05, Ped07, Rej07, RR09, RWP^{+}08, RG06, Ros03, SI09, Saf09, SB05, SMPM09, SLHN06, SMNL07, SRCDS08, TN04, Thi04, TMH04, Wal08, WCLL08, WCH^{+}09, vLBJK07, vLHH06]. **Cellular** [BMH07, BWHK02, CLO^{+}02, CMB02, HW01, HS00c, HQP^{+}09, JG01, KTH^{+}00, KCT02, PGLG01, ABM03, Ark05, ACLH05, AMD05, AMD06, BST05, CKS04, CD05, CL05, DO04, DLF^{+}07, GA07, GA08a, GFWT04, GZ04, IvDH^{+}08, KD03, LK08a, MWS09, MD06, MHMGM08, NOT04, PBHS05, PWK03, PWG09, PA09b, PA09c, RM04, STK08, SM06b, SML07, SML08, TK05, THL03, XWC08, Yag09, YCS04]. **centenary** [Jam09a]. **Center** [GBG01, KS01c, MHDOG01, MH02, Hot03, KD03, RZF03, TKM06]. **Centers** [PDIS00, WS03b, SBZ^{+}08]. **Central** [JR08, RHG00, LLCM01]. **Centre** [IM02]. **centres** [GSM06]. **centromere** [RGPB08]. **cerebellar** [Saf05, Saf09]. **Cerebral** [Car02b, MBD08, KH07a, KH09b, RGB06]. **cerevisiae** [GKM^{+}00, Thi04]. **Certain** [JE01, AH08, Wil08b]. **Cessation** [HSB01]. **CG** [KTP09]. **Chagas** [ISC01]. **Chain** [HS02b, JBP02, RWF01, WRF01, AC04, GFW^{+}09, IGHW07, LS03, Lal06, MSGS08, PB06]. **Chains** [Koc00, SHF02]. **chalk** [CH07]. **Challenge** [ZSS02]. **chamber** [CC09a, Luc05]. **chambers** [LB05]. **Chance** [HHR01]. **Change** [FW00, JW01, Lac01, SSWF01, BGE06a, BGE06b, BN04, BW06, BFG08a, BTCD07, Hav04, LW07, MS06a, MM03a, MPL06a, NS07, OBPH^{+}08, SS06b, SW08a, SZ09, TY09]. **Changes** [FMF^{+}00, HVPN02, Kar03, MFB01, OKS01, Tas02, YFKP03, Abr09, Amz04, AGZ^{+}06, ACLH05, BFG08b, CSON^{+}05, FCP03, GBZ06, LZ09a, OCA08, OS03, OD03, PCA^{+}09, RLCIB05, SdAC^{+}08, SGG^{+}07, TK08, Tas05, ZTKH09, dM09]. **changing** [BTCD07, SP07b]. **Changizi** [How09]. **Channel** [CPC^{+}00, DS00a, FSG00, GJE02, GB01, KSM02, SS00, TTKZ01, VLFN00, WT01, DHW+09, GFW+09, LSS06, MTS05, Tlu07]. **channeling** [HGH08]. **Channels** [CMPL+00, Lan00b, Bye05, Dim05, GKXS07, Gre05, HS07, OP05, OUPG09]. **Chaos** [FK01c, SI00, SA08b, YAL04, MS06b, YPY+09]. **Chaotic** [Hok00, SR08, SH07, WS02a, BM08, KNS05]. **Chara** [BPZ+01]. **Character** [Fra02, Mad00, Tur02, KC07]. **characterisation** [UW09]. **characterising** [RH08]. **characteristic** [AHT+07]. **characteristics** [AO05, Che06b, IvDH+08, LR07, LM08, Mag04, Sac05, SM06a, SCH05b, SBZ+08]. **Characterization** [FmW08, NAV04, SW03, TSRB08, DqLmW07, Her09, LSS06, LTW06]. **Characterizing** [IB06, MGT+06]. **Characters** [WS03a]. **Chargaff** [ZXWF08]. **charge** [GKTN07, SFC+09]. **charges** [Kur08a]. **cheaters** [EFW07]. **cheating** [Arc09a]. **Chemical** [Bye05, Smi08b, Bak04, FR07, Fer09b, HS04, Leh00, LF08, MGAR07, MHMGM08, Sel06, SRR08, SCS04a]. **Chemically** [SCH02c, WD03, CEP05, OQGC07]. **chemicals** [SB06]. **chemistry** [HDW+09, MHMGM08, Smi08c]. **chemistry-driven** [HDW+09]. **chemoattractant** [JA05]. **chemoautotrophic** [MB09]. **chemomechanics** [GG07]. **Chemoreception** [Mau02]. **chemostat** [GC09, LWC09, RDH09, Thi04, GB02]. **chemostat-cultivated** [Thi04]. **chemotactic** [SMNL07, SNA+08]. **Chemotaxis** [JA05, NSI08, RWP+08]. **chemotaxis-driven** [RWP+08]. **Chemotherapeutic** [HFH03]. **Chemotherapy** [AM01, Gar02, CA09, FM09, KSO06, MG09, ØKRG04, SHRR06, dPGR06]. **chi** [PKS+08]. **chi-square** [PKS+08]. **Chiasma** [GG01c]. **Chick** [PMMS01, BS05c]. **Childhood** [GG03a, TP05]. **chimpanzee** [WSM05]. **chirality** [LDW05, SW04a]. **Chlamydia** [WM04]. **chloride** [CTS+08, Luc05]. **chlorine** [Fer09b]. **Chlorophyll** [Laz03, GZL+03, LIK+05, LJ09b]. **Chloroplasts** [TPWG01]. **Choice** [Bjö02, NS03b, SI01, HH04c, HH05b, LKK07, NP08, NWP07, PB07, Ros03, SWI07, SHI03, SI04c, WA07]. **choices** [RDYH09]. **cholinergic** [SM09a]. **chondrocyte** [CC09a]. **choose** [ITKL08, Paw07a]. **Chou** [GKNT09, Lin08, hZzGqX+09, ZF08, ZCLZ07]. **chromatids** [JM07]. **Chromatin** [Ish00, DRMLS09]. **Chromosomal** [For04, KRN01, KSN03]. **Chromosome** [HAC+09, IST01, ISWT02, RPB03, Amz04, GT06b, HK05, Ken07]. **Chromosome-specific** [HAC+09]. **chromosomes** [CW07]. **chronic** [CM05a, DKLL05, KLL08, ML04, PTD09, WL07a]. **CI** [BM04]. **Ciliary** [DF00]. **ciliates** [EPR07, PER03]. **Ciocco** [Ano02a]. **Circadian** [Dai02, GRG02, KMI02, LGE00, RGG00, RVMR01, UHK01, UHI02, BMT04, Cal06, IB06, KA03b, KI05b, KG06b, LM07, LG04, LMT05, RSSM06, Ref04, RCS05, SRR08, SG04, SKK+07, THKU07, TIM06, TYI+06, WLHB07, XK07]. **Circle** [öOW01]. **circles** [DdB03]. **Circuit** [SM02, BS05a, HE08b]. **Circuits** [CMW02, MWS09]. **circulans** [KiHM+03]. **Circular** [FM03, LM01a, DM07]. **Cirrhosis** [EM00]. **Cities** [CMW02]. **Citric** [MCWF01, Kal07]. **city**

[AKS07]. **Cl** [FTEG02]. **clamp** [LSS06]. **Clarifying** [Yos03]. **clariid** [VAAH05]. **Class** [CLXC03, Kun01, LL01a, PD01, QB00, QA01, APS08, AS09, CTZ$^+$06, CCZC08, LS08a, LLS$^+$09, MBBR06]. **class-wise** [APS08, AS09]. **Classes** [CDF00, LN02, CZC05, CFLC06, JAJH07, LGCL07, XWC08, YPY$^+$09, ZDC08, ZCLZ07, dFG08]. **Classical** [ACK00, DKD02, HBWB08, PSM06]. **Classification** [LY02, QWQ09, Rei02a, Tak06, TU00, AS09, DKS04, KGB04, MRJR09, MBBR06, MK03, MGDM08, MGDBdM08, MMUGD09, TK08]. **classifier** [BE08, CFLC06]. **classify** [GKNT09, Pán08]. **Classifying** [SMG$^+$03]. **claws** [PM07]. **Cleavage** [Yos03, ZSRB07]. **click** [BEBV03]. **climate** [BTCD07, MPL06a, OBPH$^+$08, Whi07]. **climbing** [LS07]. **Clinical** [MAC06]. **cliquishness** [HH06b]. **Clock** [Dai02, HRBL02, KW00c, KMI02, MM00b, Cal06, Cin03, FP04b, GP08a, KI05b, LM07, LG04, LMT05, RGSFM07, RCS05, TYI$^+$06, WLHB07]. **Clock-and-Compass** [MM00b]. **Clock-Controlled** [Dai02]. **Clocks** [Ano01c, GG01b, Ost04, RSSM06]. **Clonal** [Kor07, PKL01, GA08a, NAP04, NMI06, RLCIB05, UKY$^+$09]. **clonally** [JWH08]. **Clones** [PDC02]. **cloning** [CLS08]. **Closed** [CC01a]. **closely** [RSH$^+$06]. **closing** [VAAH05]. **Clostridium** [AIK00]. **closure** [LSAA$^+$06, MLS09]. **closures** [MDL04]. **clots** [ARR08]. **clouds** [BH04]. **clues** [BDMR06, MGL05]. **Cluster** [CKM05, PD04, CDDW02]. **Clustering** [NA02, GKNT09, KTP09, KK09, MLPJ09, TBC$^+$08]. **Clusters** [MKLD02, SB00, HSF09]. **CML** [ML04]. **Co** [Ste02b, BCH03, CXZ$^+$09, SW08b, MB09]. **Co-Evolution** [Ste02b, BCH03]. **co-evolutionary** [SW08b]. **co-transcriptional** [CXZ$^+$09]. **CO2** [KRNG08]. **Coalescence** [FB01, SLB07]. **Coalescent** [Möh00, DBF07, Sta09]. **coast** [LS08b, DFCL08]. **cockchafers** [HHH06]. **cockroach** [WLHB07]. **Code** [AGCLMM03, CDF00, Di 00a, Di 01a, Di 01b, GS02c, KS01b, LM01a, Ste02b, AD07b, Che03a, Che06a, CL09, Dav09, Di 05, Di 09, Fol08, GNH$^+$05, JS07, KS04, Pat05, Poh08, Rak04, Tlu07, ZF06]. **Codes** [De 02a, FM03, MWCS04, SH08a]. **codescript** [Wil09]. **Coding** [HGB$^+$00, Leh00, AFZ08, DBHS00, KMC$^+$07, MX08, NA03, SP05a, TFYY03, TGN07, YY07, ZW03, ZYD$^+$05]. **codling** [TNTJ08]. **Codon** [AS00, LN02, CSW$^+$08, DZB$^+$04, GW06, NGT05, Plu06, RAHO06, SWB06, Tak06, ZW03]. **Coefficient** [DFC$^+$02, WL02]. **Coefficient-Orchestrated** [WL02]. **coefficients** [HP04]. **Coevolution** [Arc00, GS02b, Gin03, LBF01, LLF02, GNH$^+$05, HK09, NI06, NI07a]. **Coevolutionary** [PSWK09]. **coexist** [DW08b]. **Coexistence** [AF01, AN00, CMB02, CVH03, FM02, FSS06a, HI04, HLH01, LL01b, PDC02, SA07a, TH05, WZL00, Ama06, BLMV05a, BIB07, Dam04, FS04a, GEF09, LS09, MN06, MN07a, MI08a, MI08b, MBJ09, PNG03, PM03, RAZ03, RDH09, SB05, TYW05, vdBvdB09]. **Cofactor** [MS01a]. **cofactors** [ZF08]. **Cognitive** [KF03, Khr04]. **Cognizer** [Nak03]. **COGs** [SRS09]. **Cohen** [KV05]. **coherence** [BD08a, HE08b, KGG07, Rob03]. **Coherent** [UI02].

cohesion [LN03]. **Coincidence** [GV03]. **Coinfection** [MPA+08]. **coital** [Jam08b]. **cold** [DCC+08, JBJ+08, NKC+08]. **cold-adaptation** [JBJ+08]. **coli** [AHT+07, AS00, BKP09, CB07a, GGK05, Koc00, LR07, LSD+00, LL06, LLO08, MBP07, NGT05, NPN09, PCSL+06, RFH+02, RGF+08, RGW+05, SWB06, TBB+06, TBC+08, WDH+09]. **Colicin** [CMPL+00]. **colitis** [Agi04]. **Collagen** [SHF02, DWBB04, FHD09, GHA03, GMAH07, HdGH07, KP06, KH07a, QXDW06, PSSY09]. **Collagenase** [MW01, QXDW06]. **Collagens** [SHF02]. **collapse** [AM04b, AM06]. **collapses** [MN06, MN07a]. **Collective** [CKJ+02, JSCN04, LAG09, NDD08, YKiP+09, CGF+08, DO04, MAHD06, ZKH+05]. **Collie** [HDRM00]. **Collision** [BTL08]. **collisional** [RBS05]. **Collisions** [ACK00]. **colon** [GT08, LVL08a, LVL08b, MMUGD09]. **Colonies** [CMW02, DS00b, SFV02, AO03b, BC06, Mig06, Tof06]. **colonization** [CCF06, LdGH09, YNO09]. **Colony** [GTDA02, NC02, AK04, CM03, KiHM+03, NBT07, VGS+05, WRG+04]. **colony-based** [NBT07]. **colony-stimulating** [VGS+05]. **color** [KJ08]. **Coloration** [LY01]. **colorectal** [VGDSU09]. **colorful** [LY03a]. **Colour** [Arc07b, SZ01]. **colouration** [SG07]. **Colours** [Arc00, Arc07a, Arc07b, Arc09a, HH04b]. **Column** [YN02]. **comb** [HD08]. **combination** [ZW07]. **combinations** [Jam09a, Kur08b]. **Combinatorial** [Cha01a, SH06, TSK09]. **Combined** [KDKS06, PSSY09]. **combines** [BNRW04]. **Combining** [YCS04, SSD09]. **come** [Hau07]. **comedo** [FBUL05]. **Comment** [BDMR06, For02, Sol01, Tor00, BM03a, How09, Jam08c, Ped05, Sch08b]. **Commentary** [KRN01]. **comments** [Jam08a]. **commitment** [MSS05]. **committed** [CPMG+08]. **Common** [SS00, SS02, AR05, Bol06, Di 06b, Lac09, Wak07, Zhu09]. **Communication** [BJ02, GG03b, PBR03, DPV00, Bye05, Fei08, HH08, RG03]. **Communication-Based** [PBR03]. **communities** [BH08, CE05, CK08, CCF06, Eng07, Fow09, MK09, ML08a, ML08b, PDC04, wTA09, TY09]. **Community** [BH01, KDK02, Paw09a, RRKF09, SSA00, DLF+07, Fow09, JI05, MGC04, MI08a, MI08b, SAC+04b]. **compact** [Cur04, FFIS07, MH06a]. **compactification** [MHKS03]. **Comparable** [MCM+09]. **Comparative** [KMI02, LR07, LD00, Nar06a, PC02, SRS09, ADHM09, AS00, BRC07, OP05, Pán08, WW08, XSD+05, dPCP+08]. **compare** [DW08a]. **Comparing** [ACSY04, CC09b, EN02, HIN00, PHdB09, RGG00, SMG+03, DGS09]. **Comparison** [BP00, BGE06a, DOT02, GHC03, HLP06, KW00b, LW08b, SHF02, Sne03, WZ08, ARR08, FS04b, GNH+05, KS08a, MBP07, Mei05, RWP+08, SZLK+05, SA07b, Tas05, TPN07]. **Comparisons** [GKK06, Mad00, RSH+06, Kun06, LKC07, Ste09]. **compartment** [Lit07]. **Compartmental** [BKE04, Mur00, SP02, Gie03, LK06, Lit07, TWE04, VTC08a, VTC08b, BKE03]. **compartmentalization** [BTL08, CHdV06]. **compartmentation** [FKAC06, KSK08]. **Compartments** [Kut03, MKB03, RSS04]. **Compass** [MM00b]. **compensated** [THKU07]. **Compensation** [ADMZ02, Dam04, KI05b, RCS05, SRR08]. **Competence**

[Mac00]. **Competing** [SCS07, BLMV05a, BH03b, SB05, TH05, TY09]. **Competition** [ARKL02, BP00, BW01, BIB07, BJ02, DFP01, GG02, Gro02, KY00, Rev00, Rev02, WZL00, ALSM06, ACK09, BP03, BdABA09, Blu07, BB03, BCL08, CW08a, CXM+09, CB07b, CCF06, CSM05, Dam04, Eam06, EFW07, FT09a, FR06, Gol07, Gro04, HH06a, Hua03, INSR08, KNS05, KCHP08, MS08a, NSS08b, PDM04, PB08, PNG03, RMF08, RS04, SA05a, VN07, Wak05, WS04, WLHB07, YOYT07]. **competitions** [ZWT+08]. **Competitive** [AN00, CVH03, DM00, OKTS02, Wil06a, CKS07, Fow09, Kom07, LS09, MT06a, MT06b, MN06, MN07a, RSS04, ZJ05]. **competitors** [MBJ09, YB05]. **complementarities** [NN07]. **Complementarity** [FPC01, RB02c]. **Complementary** [KNT+09, NA03, ZXWF08]. **complete** [WLZ+06, ZYD+05]. **Complex** [BNT+00, BSRH02, BSRH03, DP04, HDRM00, HS03, Kru02, LSMLB+02, Man01, PDPL05, SWC+08, WB04, BPC08, BBPSV05, Bie06, GMMGD+08, GK04, HK09, JST+08, KYZ+08, iKIY09, Kut05, LP07a, MK06, NS09b, NL04, NO04, PSSY09, PWVvR09, RD07, Sac04a, SKI+06, Tak06, VGS+05, VS08, WS03b]. **complexes** [Kut05, She06]. **complexing** [Gre05]. **Complexities** [ZYW07]. **Complexity** [Cha01a, CK08, GDS07, GMMGDA05, GD08, KGD09, Ker04, Ker06, Kon06, Kon09, LW08b, Loc08, MPL06b, MGDM08, PKS+08, RWID+08, RKH+06, RHH08, SSM09, UD07, Yag09]. **complexity-stability** [KGD09, Kon06]. **compliant** [BGE05a]. **Component** [Sil02, MvdO06, SPAH06, SKK+07, VGDSU09, YKiP+09]. **components** [GCH+07, IHV+06, LFFT06, MB09]. **Composite** [KCV05]. **Composition** [HM01, LN02, CZC05, CC06a, CTZ+06, CL07a, DCC+08, DCL09, For07b, GKNT09, Hul05, Kur07, Lin08, MBBR06, MGDM08, SYC06, WYC06, XWC08, hZzGqX+09, ZF08, ZDC08, ZCLZ07]. **Compositional** [SSKL01]. **compound** [GMMR07, TK08]. **comprehensive** [HHBY06]. **Compression** [ZM03, MBB08]. **Comprising** [FY00]. **computable** [MLS09]. **Computation** [SV05, Smi08c]. **Computational** [Ano09a, CTB+05, COS01, CBBH01, GMMR07, GP00, GP01, GG09, GZG07, HGV01, KTCD00, Len01, Saf09, SKY09, SS05b, YMLK04, ZLN07, BWMS07, Bon04a, DWBB04, FDA+09, GBGAKD05, HL05, HGH08, JA05, JTGP06, KP06, KSK08, KOT07, LS04b, MGT+06, MWD08, OAKC08, Pán08, PDB08, PD06, RLCIB05, SMCT08, SKS09, TGV+07, Zac09, ZSRB07]. **Computer** [AIKP06, NJVA04, BS05c, GT08, HED06, UKY+09]. **computer-simulated** [UKY+09]. **Concentrating** [TPWG01]. **Concentration** [GB01, SCC+00, WGH00, YFKP03, FL03, HW09, JK03, Kur08a, Tho05]. **concentrations** [APL08, GMFS06, TE07]. **concentric** [Ber03]. **Concept** [GBG01, PDA+00, GF09, NI07b, Pen03]. **Conception** [DML02, Jam08b]. **Concepts** [CGH01, LHD+01]. **Conceptual** [For07a, Pep04a, Ver04]. **concerning** [Koh07]. **concerted** [Gam06]. **Conciousness** [Ano01f]. **Concord** [ES01a]. **Concurrent** [BSWM00]. **Condition** [MGP00, KST07]. **Conditional** [HS00b, Fra03, Men07]. **conditioned** [Ger08]. **Conditions** [IS09, Jam01c, KYS06, SM01, TGR+00, AA04, BBKGP08, BLMV05a, Bat09, BP08, BBK04, CSP+08, CSP+09, Fei08, GMM09, Jäg08, MWS09, MS03a, Mig06, NOT04, SA07a, YY06, YFK05, OSK+05]. **conductance** [RWK08]. **conductance-based** [RWK08]. **conductances** [FB06]. **Conduction** [EMS02, HD08]. **conduit** [HVN07]. **conduits** [KRN03]. **Cone** [Moc02, TMI03b]. **cones** [GMMR07]. **Conference** [Ano00e, Ano00-30, Ano01-33, Ano09a, Len01]. **conferring** [PCB07]. **confidence** [WL09]. **Conflict** [ES01a, Had01, Mce03, KI09, WT05, YM04, Yan05]. **conflicts** [WNT08, YM05a, YM05b]. **confocal** [TR08]. **Conformation** [LFLM00, YDL06b, AH08]. **Conformational** [FW00, Hav04, LZ09a]. **Conformations** [SV03]. **Conformist** [HB01]. **Confounders** [Jam01c]. **Congo** [CHCC+04]. **Conical** [Yos03]. **conjectures** [FP04b]. **Conjugates** [LPLC00]. **connectance** [Est07, Fow09]. **Connected** [Leh00, FPL03]. **connecting** [GSNH08]. **Connection** [KRB05b]. **Connections** [VW00, Sta09]. **connective** [GMAH07]. **connectivity** [AMS09, IKD04]. **conotoxin** [MBBR06]. **Consciousness** [Tan01, Bod08, OSJ08, Sev06]. **Consecutive** [FY00]. **consensus** [DT06]. **Consequence** [GTDA02, Puj02, SKN+03, Amz04, FK03c]. **Consequences** [BJD+02, BB06b, FR02, Has01a, KVMV01, LLF02, MJW00, PPRI08, BCL08, KV04, SF04, Wil08a, vKdRP05, vKPdR07]. **Conservation** [AS00, KCS+06, YHI03, YYI03, SBI07, TH03b, YHI04, YHI07]. **Conservative** [BKKR08]. **conserved** [YMLK04]. **consideration** [GNH+05, JEHK06, SS06b]. **Considerations** [Dor03b, Ped07, Pro03, Fer09b]. **considered** [Buc04, KV04]. **Considering** [Laz03, DSU+04]. **consistency** [CS06, SHP09]. **consistent** [Bel06, KSPA+08]. **Conspecifics** [CMB02]. **Conspicuity** [Rei02a]. **conspicuousness** [MR07a]. **Constant** [DNS00, CLHW07, MPOBD+09, MLWL06, SW08c, TE07]. **Constituent** [HCMF01, HCB+02]. **constitutive** [IS09, LDT09]. **Constrained** [BR01, WD03, AC04]. **constraint** [AC07a, ACK09, CWJ07, LVH04]. **Constraints** [CP03, KMGV00, KVMV01, Leh00, LL00, LH01, BBCQ04, Bye05, CW08a, Jam06, KSG03, LB05, LK08c, MSS07, Paw09a, Ace00]. **Constraints-based** [CP03]. **construct** [SJD+09]. **Constructal** [Mig06, BLL08]. **Construction** [BSRH02, BSRH03, HCMF01, KB02, OLS+02, PV00, WS02a, WCA06, BFK08, Bur09, LB05]. **Consumer** [VW00, KUK07, PM03, vKPdR07]. **consumer-driven** [KUK07]. **Consumer-Resource** [VW00, vKPdR07]. **consuming** [RMAI06a, RMAI09]. **consumption** [SX06]. **Contact** [HED06, LP00, RGZ09, UI02, KSY+08, Mas09, MNP06, PSWK09, RA08, TY06, dM09]. **contacts** [NdGG06, RWP+08]. **contagion** [DW05]. **contagious** [EL09]. **Contain** [JW01]. **containing** [HW09, KTP09]. **containment** [Mar09b]. **contamination** [GVB+08]. **contemporary** [Hel08]. **Content** [Che03b, KMP03, KRN01, TGR+00, WJMH00, ZSZ01, BSJ04, OR04]. **Context** [VO00, CSR+05, KYS06, SRAL12]. **contexts** [Sch08a]. **contextual** [ST05]. **contingent** [Akt04]. **Continuation** [CD07]. **Continuous**

[BM03b, IKD04, AD07a, BGE05b, BR04, BÅ03, CHR06, DCC^{+}08, DS04, EHG03, Ezo09, GXG03, GPN05, KAI08, LB07, LLW09, MDL04, Sch05a, SRG^{+}03, VA04a, YM04, Yan05, Yan06]. **continuous-quality** [BÅ03]. **continuous-time** [GXG03]. **Continuum** [KS09, KA02, WM00, APS06, SLHN06, TWO^{+}09]. **Contractile** [Yos03, TOB08]. **Contraction** [DSCD02, BFG05, GD06, GG09, LN05a, OD03]. **contractions** [RSB09, TSRB08]. **Contrast** [Möl02]. **Contrasting** [JAFW05]. **contrasts** [LD09b, WW08]. **contribute** [GOP09]. **contributes** [Bar05]. **contributing** [HL05, JAJH07]. **Contribution** [WCLL08, AGW^{+}06, AGW^{+}08, ES08, Toy09]. **Contributions** [Her00]. **Control** [AHCN07, CSC03, Car02a, CSM02, DFC^{+}02, HS01, Hav04, HP00b, HW01, Jam00, KY02, MW01, MCMS06, MCB07, OB04, PWK03, SKW00, VW00, WSC02, Wil01, BZ05a, BZ05b, BTS08, BB06a, BGMM08, BRND09, BdOP06, CP07, CCC08, CFCGCC03, CB07a, CCT^{+}09, DSS08, DMW04, FB08, FYX^{+}09, FLWB07, Fra08, GMK06, GB07, GGH^{+}05, GRH^{+}07, GN07, GC09, GZK06, HLA09, HRvdD08, IS03, JMvdB09, JJEX09, JITJ09, Kee05, LWC09, LMS^{+}08, MS08b, MWB05, NS09b, NTU06, NSI08, NAS07, NT04, OS06, OCA08, PCZL05, PCZL06, PNG03, RBW09, RGZ09, RB09b, SC03, SMH07, SJGK04, SHP09, SD06a, SD06b, SHI03, TBR08, Wes08, WS09, WLHB07, ZT06]. **Controlled** [Dai02, Rae02, KH09b, RvMK^{+}05]. **controller** [VPGA07]. **controllers** [CIV09]. **Controlling** [UM08, VP01, MSS05]. **controversial** [DHW^{+}09]. **controversies** [FP04b, Gol08]. **Convection** [KVMV01, LSMZ08]. **convection-enhanced** [LSMZ08]. **convective** [ES08]. **Convergence** [Rou03, DT06, Sta08]. **Convergent** [BLS^{+}09, ZJG03]. **Conversion** [HCC00, LBS00]. **convex** [TN04]. **Cooling** [See00, NKC^{+}08]. **cooperate** [NA04]. **Cooperation** [EL05, Gar09, GSB01, Har01, HNO03, INSR08, NSS08b, SL00, SR02, Ste00, Tor00, VP01, Akt04, BHC06, CH05a, GGPFM08, HMND06, HH06b, JG06, JB08, JLCS08, KNT^{+}09, KT03, LL08, LNH08, Men07, MS09a, ND09, OI06, OI07, OB08, SN09, SFVA09, SPS09, SSS08, Tan07a, Uit09, VSA07, Wak07, vV09]. **cooperation-threshold** [BHC06]. **Cooperative** [Har01, HB01, SD02, KAI08, KA03a, LVABV05, Sch09, STMH04, Toy09]. **Cooperativity** [JNWJWB04]. **cooption** [BR06]. **coordinate** [PDC04]. **coordinated** [BC04a, SZLM09]. **cope** [SHI03]. **copies** [OW07, RPB03]. **copying** [BFA08]. **coral** [AROS07, ILDP04, MHKS03, MHKS04, SBI07, wTA09]. **Corals** [MSI01, Mig06, SZC^{+}03]. **Cord** [BG00a]. **cords** [AP09, BFGS07]. **Core** [KTH09, IB06, KLN^{+}09]. **core-temperature** [IB06]. **Coreceptor** [RB02b, vdBWLS07]. **cornfield** [KT03]. **corollary** [SVN^{+}05]. **correction** [SIHH04, HH04b]. **Corrector** [ZSS02]. **correlate** [Bod08, OSJ08]. **Correlated** [AS00, OSBH02, WH00, CH05b, Fen03, Hie05, Jam04, PB06]. **Correlation** [Mad00, PCH^{+}05, BK05, GPG07, HK09, JWWS08, MLPJ09, NAV04, RRKF09, SP05a, YAL04]. **correlations**

[Ded08, Ken07, PD04, Rob03]. **correspondence** [Nos06]. **Corrigendum** [AGW^{+}08, AMD06, CSP^{+}09, DBBW11, EPJ^{+}11, IvDHI08a, JCRJ07b, LH09, LGK^{+}12, Lei10, ML12, MT06a, ML08b, NI07a, Paw09b, PCZL06, PA09b, RH09a, RMAI09, SHI06b, SRAL12, SML08, TK09a, TRM03a, VGMM^{+}07a, VGMM^{+}08]. **corrugation** [KKPB09]. **Cortex** [Car02b, SGTF07]. **Cortical** [RWR00, FH07]. **Cortically** [FWLN04]. **corticothalamic** [RR08]. **Corticotrophs** [SRMW00]. **cosexual** [SS03]. **Cost** [BJ02, FBM06, GG01c, Loc08, Sel07, ELL04, FLS^{+}04, GR05, GNH^{+}05, JWH08, Nis06, RRS06, RBS05]. **Cost-Benefit** [GG01c]. **Cost-effective** [FBM06]. **Costly** [De 02a, GSB01, HB01, Jäg08, RON09, SN09, SS09a]. **Costs** [PAD00, BG06, KCHP08, NI04b, NI04a, Roe07]. **Cotransporter** [FTEG02]. **Could** [Gra07, Hau07, Möl02, Gol09]. **count** [CY09]. **Counterpart** [EN02]. **Counting** [Cha00]. **Country** [Tho00]. **Coupled** [DALP03, OCP^{+}00, PPR01, SLIL07, WKL01, BH08, BGO08, BTL08, Cin03, CSON^{+}05, DBB09, FB06, GP08a, HMN09, JEDH08, KA03b, Lew05, OF01, PM03, RB09b, Smi09, WW05b, WL04]. **coupled-oscillator** [Cin03]. **Coupling** [Bah07, BTS08, DLGC02, PL01, SI00, UHI02, öWO01, BTL08, CV08, GFWT04, KMC^{+}07, MSdlPS09, RSG09, SMCT08]. **course** [RKF06]. **courtship** [SS09a]. **CoV** [NLM^{+}08]. **covariance** [LFFT06, ST05, hZzGqX^{+}09]. **CovR** [MCB07]. **CovR/S** [MCB07]. **Cow** [HCMF01, HCB^{+}02, HCR^{+}04]. **Cowan** [MBB02]. **cows** [BKD^{+}06]. **crab** [SS06b]. **Crabtree** [Thi04]. **cranial** [MBB^{+}06]. **Crassa** [RVMR01, SG04]. **crawling** [ACD04]. **create** [Bul08, Kon06, PAA07]. **created** [KUK07]. **creatine** [FKAC06]. **CRH** [SRMW00]. **CRH-induced** [SRMW00]. **cricket** [MDCC06]. **crisis** [SF08b]. **Criteria** [BH01, BD08b, YTAK01, BB03, SJD^{+}09, Ten08]. **criterion** [KGB04]. **Critical** [APL08, CC01a, CF09, GHA03, NOT04, DLRP07, DRLB05]. **Criticality** [ORM03b, ORM03a, LBCL09, RKYH06, SJ03]. **Critique** [MGL06a, Zam03, Bak07]. **Cro** [BM04]. **Crohn** [Agi04]. **Cronk** [PKA02]. **Crop** [HB02a, EL09]. **crop-livestock** [EL09]. **Cross** [DSY01a, DSY01b, PGM00, Zah00, AB07a, CKM05, HSL04, LSMB^{+}03, RG05, RDC09, SP05a, ST03, STSD09]. **Cross-bridge** [Zah00, STSD09]. **cross-correlation** [SP05a]. **cross-immunity** [CKM05]. **Cross-linking** [DSY01a, DSY01b]. **cross-pollination** [LSMB^{+}03]. **cross-protection** [RG05, RDC09]. **cross-reaction** [AB07a]. **cross-regulation** [HSL04]. **cross-regulatory** [ST03]. **Cross-resistance** [PGM00]. **Crosslinking** [TH06]. **crosslinks** [FHD09]. **Crossovers** [HLW00]. **crosstalk** [BTL08, PP04]. **Crowding** [ORM03a]. **crown** [LBCL09]. **crown/root** [LBCL09]. **CRP** [Mac00]. **CRP-Binding** [Mac00]. **crumpled** [CMG06]. **Crustacea** [Hok00]. **cruzi** [DLM08, ISC01]. **crypt** [dT07b]. **crystalline** [GMMR07]. **crystallization** [SPN06, SN06]. **crystals** [FHD09, Lap03]. **CSF** [FBM06, FM09, ØKRG04]. **CT** [RGB06]. **CTL** [Wod01, WJ01]. **Cucumbers** [Kal00]. **culling** [LMS^{+}08]. **cultivated** [Thi04]. **Cultural** [MZ02, Ded09, SGS^{+}05, Sch09, Whi07]. **Culture**

[GB02, Wal07a, EHG03, EG07, Gin03, HHBY06]. **cultured** [TOB08]. **Cultures** [GLV02, GCYH01, DBBW09, DBBW11, FVP+07, GPN05, Har07b, PLG+06, RNP04, SRG+03]. **Cumulative** [Ste00, EG07, EBId09]. **cupboard** [For09]. **curb** [Mar04]. **cure** [MG09]. **Current** [GJE02, KFG+02, CRL06, SH05, WCLL08]. **Currents** [TTKZ01, GKXS07, WCH+09]. **curse** [KB04]. **Curvature** [IHV+06, PM07, TL00]. **Curvature-induced** [IHV+06]. **curve** [LDXW06, YSW09]. **Curved** [Lor06]. **Curves** [JL01, PPL+00, SP01, Eng07, SLH05, YS07, ZC06]. **Cutaneous** [BSWM00, BKF00, BGE06a, BGE06b, Sil09]. **cuticle** [LDT09]. **Cutoff** [YZHZ09, Kat03]. **CV** [VL09]. **Cyanidioschyzon** [Di 08]. **Cyanobacteria** [GRG02, BdSFFDMC09]. **Cyanobacterial** [RGG00, TIM06]. **Cyanobacterium** [WAMO00]. **Cybernetic** [Kor01]. **Cycle** [CMS+00, GRG02, KKDV01, LGB02, LBS00, MCWF01, MFB01, SM02, Tyr01, TN01, ABM04, Bel06, BFGS07, BB07a, Cal06, CS07, DBBW09, DBBW11, Iro09, Jam08b, Kal07, MB09, MCN08, NM08, NHTM09, NT04, PBC09a, PFRR08, RNSU04, RD07, SHP09, SG06, Ste04, iTYU06, VHF08, Voi03, YHM+06, ZAB+09]. **cycle-specific** [BFGS07]. **Cycles** [Ano01c, GG01b, HBLG02, HRBL02, JBP02, ZCC01, BPC08, CMF08, KJD05, KG06b, Smi08b, SH07, THKU07, XBT09]. **Cycles-** [ZCC01]. **cyclic** [AB07b, KNS05, KG06a, NMH07, RMF08, SSL08]. **cyclic-3** [AB07b]. **Cyclical** [RKNK01, SMBM00, AM08, BBM03, BBM04, FBM06, CM05b]. **Cyclically** [Pál01]. **Cycling** [TGR+00, FFIS07, PSWK09]. **Cydia** [TNTJ08]. **Cylinder** [GH02]. **cylindrical** [IHV+06]. **CYP2D6** [DFP+08]. **cysteines** [JNWJWB04, SWB06]. **Cysts** [Fer09b]. **Cytochrome** [SPN06, LIK+05, NS06, PCSL+06, SN05b]. **Cytochromes** [FW01]. **cytogenetic** [COdAM05]. **cytokeratin** [PAVS03]. **Cytokine** [YBV+00, YCS04]. **Cytokine-modulated** [YBV+00]. **cytometric** [Mei05]. **Cytoplasm** [Mal02, Pic06]. **cytoplasmic** [CCT+09, Dru03, TYW05]. **Cytosine** [NTK02]. **Cytoskeletal** [Lan00b, FKS07, KS09]. **Cytoskeleton** [CLO+02, TM00, Wan00, LCL07a, LCL07b, LL09]. **cytoskeleton-induced** [LCL07a, LCL07b, LL09]. **Cytosol** [BGP00]. **Cytotoxic** [AB00, CDFP04].

D [Kin04, Pal08]. **dab** [KRGH07]. **daily** [Ale09]. **Dairy** [HCMF01, HCB+02, HCR+04, IGHW07, LGS+09, TBB+06, TBC+08, XBCF05]. **daisies** [SA05a]. **Daisyworld** [ACL03, LL00, Puj02, SA05a, WAL06, WC07b, Ack04, ACLW03]. **Damage** [BL00, KKR+07, Mar03, Bon06, FCD+05, GVB+08, MRGADD08, SB09c, THL03, YKG+05]. **damage-stimulated** [THL03]. **Damaged** [KK00b]. **Damuth** [MGL06a]. **Dance** [Nir02]. **danger** [JBK04, SHI03]. **Dangerous** [MW09, WBB02]. **Daphnia** [DBGM08, FSGB+02]. **Dark** [GRG02, Laz03, DVC+04, GZL+03, KG06b]. **Dark-adapted** [Laz03]. **Darwin** [Tor01]. **Darwinian** [DGZ07, DML02, LL00, LL01b, MHMGM08, Sta02, Sug02, TU00]. **Data**

[CSFH^{+}01, CMTU01, LY02, MBB08, MJW00, PC02, SZ01, SHHD02, TGP^{+}00, AFD^{+}06, AAK^{+}09, BKM09, BGE06a, CLM07, DKS04, DSA^{+}06, GFW^{+}09, KLL08, LVL08a, LVL08b, LMT05, Luc05, Mei05, MKB03, RH09a, RH09b, RYAI06, SIHH04, SHP09, SVS04, SVGK07, SH08b, WR04, YD09, Zam03, ZLXY08]. **database** [YDL06b]. **databases** [Sch08b]. **datasets** [Sta08]. **date** [Sch08b]. **daughters** [KV05, Kan07]. **day** [Ale09, Cal06]. **dC** [HK05]. **de-differentiation** [HC07a]. **De-epoxidase** [LBS00]. **deactivation** [MGAR07]. **Dead** [KKDV01, SPVN06]. **dealing** [LP07b]. **DeAnglis** [LWC09]. **Death** [CPC^{+}00, RBN^{+}01, CL05, DdB03, HLW00, LCL07a, LCL07b, LL09, PBHS05, Sta09]. **debate** [Chi07]. **debris** [AR08, RAZ03]. **DEBtox** [BDMP^{+}08, BdSFFDMC09]. **Decay** [SS01, ZSS02, DP04]. **decaying** [LL05]. **December** [Ano00s, Ano00x, Ano01z, Ano01-31, Ano02r, Ano02x, Ano03-35, Ano03-39, Ano04-53, Ano04-55, Ano05-43, Ano05-49, Ano06-42, Ano06-47, Ano07-48, Ano07-54, Ano08-41, Ano08-42, Ano09-41, Ano09-46]. **deception** [BK01]. **decide** [RR09]. **Deciphering** [VdL03]. **decision** [APS08, AMD05, AMD06, CC06b, LP08, MAHD06, NDD08, RRH08, WA07, YCS04]. **decision-making** [LP08, MAHD06, NDD08, YCS04]. **decision-proces** [AMD05, AMD06]. **Decisions** [WH00, BFK08, HB09, LD09a]. **Decline** [DdB03, LCL07a, LCL07b, LL09, YS07]. **declining** [CCM07]. **decoding** [Tak06]. **decomposition** [FP03, PSPF07]. **Deconstructing** [Vin05]. **decorrelation** [SP05a]. **Decoupling** [Arc09a, GMK06, Syl06]. **decoy** [GSG^{+}07]. **Decoys** [Wil01]. **decrease** [VSA07]. **Decreased** [Her00, WG03]. **deep** [FS09]. **Deeply** [LBCL09]. **defeats** [KT03]. **defection** [Fis06, KT03]. **Defective** [Fra00b, KK00b, MB00]. **Defectors** [HB01, PB03]. **Defects** [LY00, MKD^{+}05]. **defence** [BBK04, BSR06, Gar09, PBH04]. **Defense** [FSL03, Fra00a, SI01, SI02, IS09, NGN^{+}04, SI04b, SI04c, ZJ06]. **defenses** [Jes06]. **defibrillation** [KC03, Kee04]. **deficiency** [ARR08]. **deficient** [BGG^{+}09]. **define** [OI04, OI05]. **Defining** [LBJE03, WMP03]. **Definition** [Kor01, MH09a, SLP00, TRM03c, PGF^{+}08, RvMK^{+}05, TRM03a, TRM03b]. **deforestation** [RKOS09]. **deformable** [MF05]. **Deformation** [Bar01, DD02, Wan00]. **degenerate** [DB05]. **degeneration** [Răd09]. **degenerative** [NGN^{+}04]. **Degradation** [KK00b, LGB02, KNT^{+}09, SS05a]. **degree** [Est07, GGPFM08, RMAI06b, TY06, vdBR04b]. **degrees** [Eti09]. **Dehydroascorbate** [RBBH02]. **dehydrogenase** [DSA^{+}06]. **Deinococcus** [SB09c]. **Delay** [EMS02, LGE00, AM04a, DP04, JE09, SG04, SG06, WWS08, XM09]. **Delayed** [KK00b, ZRSK07, AWW06, EHG03, GZL^{+}03, MS09b, RDYH09, RSG09, WCLL08, XBT09]. **delays** [ACR06, LKM06, MC06]. **Delbrück** [Fra03]. **Deleterious** [Kaw01, Pál01, Arc05, Yam03]. **deleteriousness** [KMC^{+}07]. **Deletion** [MB00]. **Deletions** [HR00]. **delicatissima** [SWM09]. **delivery** [BFGS07, LSMZ08, OBL04, TGV^{+}07]. **delta** [MRJR09]. **demand** [RH08]. **Demands** [AøP03]. **deme** [LL08]. **Demographic** [AK09, AROS07, CLMMP06, DDJ06, MM09]. **demography**

[DHR^{+}07, MSdlPS09, NI07b]. **Demon** [Hop02]. **demonstrates** [HHP05]. **DEMSIM** [DGM05]. **denaturation** [OQGC07]. **Dendrite** [HGV01, Nie06]. **dendritic** [GvO04, MRJR09, NA04, RWP^{+}08, RKH^{+}06]. **dengue** [AB06]. **Dense** [Wil01, BCKE^{+}08]. **Density** [CLZZ02, HI00a, JJ01, Jes06, PJ01, dV06, Ama04, AD06b, CPM^{+}09, DMW04, DFSD05, ELSFB07, EH08, FPL03, GEF09, KRNG08, MJ07b, MBJ09, NAV04, PRT04, RYAI06, Sin07, SSL08, Sta00a, Sta00b, Sta00c, iTYU06, TMBD09]. **density-based** [DFSD05]. **Density-dependence** [dV06]. **Density-dependent** [HI00a, Jes06, PJ01, Ama04, FPL03, GEF09, Sin07, SSL08, TMBD09]. **density-independent** [ELSFB07]. **Dentition** [Lin01]. **depend** [KW07]. **Dependence** [DFC^{+}02, HGB^{+}00, LJW02, MGL03, MFB01, APL08, Gos06, JEHK06, Pep04a, Pep04b, PC09a, SRR08, SFC^{+}09, WR03, dV06]. **Dependencies** [GS02a]. **Dependency** [BG00b, AFD^{+}06, CSR^{+}05, SRAL12, Uit09]. **Dependent** [EMS02, LPLC00, RFH^{+}02, YK03, YLL00, AB06, Ama04, BPC08, BFR05, BSS^{+}07, CGH01, CHN08, DBR^{+}05, DBB09, FMI05, FI00, FPL03, GS08a, GEF09, HI00a, JE09, Jes06, KGL09, KGG08, MS06a, NWP07, O'K05, PJ01, PB08, RSH^{+}06, RKRW08, SS03, Sat04, SDS04, SV05, SSR04, She06, Sin07, SSL08, SX06, iTYU06, TTT09, TL02, TMBD09, Tyr01, VFC^{+}09, VdL03, WDH^{+}09, Wod01, WVA05b, YM05a, YM05b, YL00, ZXWF08]. **depending** [RG05, SF04]. **depends** [GABK08]. **dephosphorylation** [Ano01c, GG01b]. **Depletion** [RGG00, CDB09, HS07]. **depolarizations** [DSS08]. **depolarizing** [Dim05]. **deposition** [CTB09]. **depression** [FDA^{+}09, MZK08, RSB09]. **deprivation** [PR08]. **Derivation** [Rou03, RRC^{+}06]. **Derived** [KMH00, DBBW09, DBBW11, JG08, RWK08]. **Describe** [Has01a, LMT02, PN01, BGE05b]. **described** [GMMGD^{+}08, MY09]. **describes** [SVGK07, WH07]. **Describing** [DO01, LBS00, Pie09a, GVB^{+}08, GT06b, KI04, KI05a]. **description** [BFGB04, BFG05, KRB05a, NM06, PBvdG09, PD04, SP07b]. **descriptions** [Mat06]. **descriptor** [TLZ^{+}08]. **descriptors** [BRCB04, MPOBD^{+}09]. **desensitization** [LGB03a, LGB03b, TLZ05]. **desert** [ACL03, MRA06, PM03]. **desertification** [LBCL09]. **desertion** [SE07]. **deserved** [SS06d]. **Design** [Ace00, KSM02, LFW02, Pel00, SJD^{+}09, TO06, AF09, BLOL07, CA09, DMPS05, FMHW08, GLSW07, HDW^{+}09, ISW04, IvDH^{+}08, ITI^{+}09, JAV07, LWFP08, LH06, RSSM06, TGT06, Vin05, WRKK09, WZW^{+}07]. **designed** [HM05]. **Designing** [Noe00]. **despite** [Sch06]. **Destruction** [Her00, SFS^{+}01, ML08a, ML08b]. **destructive** [RB09a]. **Desynchronization** [CMTU01]. **Desynchronized** [PC09b]. **detailed** [YAL04]. **details** [HLA09]. **detect** [BH04, BIS^{+}07, Ger09, HL05, HHH06]. **detectable** [HRZ06]. **Detecting** [HS04, YDFQ05, MGT^{+}06]. **Detection** [CWDM06, CACC02, JLS01, Noe00, LRB^{+}06, MSDM06, RP09a, YTL08]. **determinant** [Kli06]. **Determinants** [KD06, NSH^{+}03]. **Determination**

[Alb08, Hol06, Rei02b, BGF03, CWJ07, Fli05, FFHK09, GMMR07, JAJH07, LVH04, MSP03, TSRB08]. **Determine** [CSFH$^+$01, YTAK01, WFGP04]. **determined** [Kur08a, VL09]. **Determines** [DFP01, Wan00, DO04, Lin04]. **Determining** [IvDH$^+$08, YLCW06, GMdA$^+$07, Mit04]. **Deterministic** [EN02, Lor06, PGM00, SYSY02, BLF$^+$09, GKK06, JG08, KRB05b, Man06, SD06a, Sim08, Wit03, WT09b]. **Detours** [Ale01]. **detrital** [MB07]. **detrital-based** [MB07]. **Deuterium** [PBL06]. **Deutsch** [Rot08]. **Develop** [Yos03]. **developing** [KF04]. **Development** [IV02, Lin01, LH01, Mac00, MAB00, Pin00, RFH$^+$02, SMG$^+$03, VW00, ZAD07, BKMH07, BMS05, CLHW07, CGS05, Dru03, ECAV07, FM04, FK03c, GT08, GZ04, HMB$^+$08, HM06, HIM09, HKP07, JMvdB09, LPJB$^+$08, LPT05, MSMKM06, Osb08, PBB03, Rej07, RLCIB05, SK05, Sch08a, WRG$^+$04, Has01a]. **Developmental** [BFK08, PKL01, PBT02, CWJ07, IS08, Ker04, Ker06, RKH08, Sel06, Shi06a, VTL05]. **Deviation** [NA02]. **deviations** [GKXS07, Gra07]. **Devonian** [KRNKH00, SKY09]. **dG** [HK05]. **DGYW** [KS08b]. **DGYW/WRCH** [KS08b]. **Diabetes** [TPD$^+$00, KSEK09, MKD$^+$05]. **Diabetic** [CCP$^+$00, RBBH02]. **diagnoses** [Izs05]. **diagnosis** [CFCGCC03]. **diagnostics** [Ano05h, Hof04]. **diagram** [RNP04]. **dialects** [SGS$^+$05]. **Diameter** [HVPN02]. **diamondback** [NLS08]. **diapause** [MM08a]. **diaphragm** [LKM$^+$08]. **diarrhoea** [GLE$^+$09]. **Diastolic** [BBSLN08]. **Diatom** [LH01]. **diauxic** [NP07]. **Dichotomy** [Kun06]. **Dictated** [DSCD02]. **Dictyostelium** [KI04, KI05a, UI02, DO04, UI04a, UI04b, VW03]. **did** [Gab06]. **Diel** [HS01]. **diet** [RYAI06]. **Difference** [TMI03b, DFP$^+$08, WW05b]. **Differences** [KRN01, Wel00b, Lap03, MWCS04, NA03]. **Different** [LJ09b, PN02b, RGG00, Tay00, CC09b, DP08, ETH04, Eti09, FDA$^+$09, GSRC$^+$06, GGH$^+$05, GEF04, MBP07, Mig06, PHdB09, RNS04, RRKF09, SF04, VGMM$^+$07a, VGMM$^+$07b, VGMM$^+$08, WT07, YZHZ09, vVH07]. **Differential** [Hog00, RGG00, RDSB$^+$03, DB08, FPM$^+$06, HF03a, KSK08, MGHF06, PBB03, SH03, SBGA04, UI04a, UI04b, ZJG03]. **differentially** [YDFQ05]. **differentiated** [WCH$^+$09]. **Differentiating** [FMF$^+$00]. **Differentiation** [CMW02, Coo01, For00a, FK01c, Hog00, PD01, VP01, CD05, DHYHR09, HC07a, HH05a, LWRK07, NK08, Ots08, QO08, RDYH09, Ros03, YCS04, dT07b]. **diffusely** [WMS08b]. **diffusing** [Kut05]. **Diffusion** [BSWM00, BCL08, CLZZ02, CC01a, CC08, DNS00, LL09, Mat06, SCGFS00, SIMK02, Sta00b, TLA00, TGP$^+$00, AC04, BFGB04, Cin06, DALP03, FM07a, Gie03, Gie06, KL09, MCK07, MW07, MS06a, MSMKM06, PD06, QXDW06, Rel04, RB06, Saf05, TK05, TN04, VGBA06, WWS08, WO04, WDH$^+$09, WB06, XM09]. **diffusion-constrained** [AC04]. **Diffusion-limited** [BCL08]. **diffusion-reaction** [Gie03, VGBA06]. **Diffusional** [LK08c]. **diffusive** [NPN09, TKM06]. **diffusivity** [Kin04]. **Digestion** [LJW02, VTC08a, VTC08b]. **Digit** [MMTS02]. **Digital** [Ano00a]. **dihedral** [WZ08]. **Dihydric** [CCGC02, Ril00]. **Dilemma** [EL05, Ezo09, HS02a, HNO03, IKD04, KK00c, LBSS02, Nei01, VMW02, AD07a, Arc09b, CJLS08, JLCS08, LB07, LW04, MS09a, Sch05a, WR07a, WVA05b, WL07b]. **Dilemmas** [HB01, HMND06, Hau06, MP09b]. **dilute** [IPY07]. **dimension** [Ben04b, Niw05, QWQ09, UCSZ07]. **dimension-to-biomass** [Niw05]. **Dimensional** [GBG01, KTH$^+$00, ACLW03, AO05, BZ04, CD05, CHR06, DSU$^+$04, HTN04a, HTN04b, HQP$^+$09, Iim07, LMT02, MBB08, RA08, SIK03, SI05, wTA09, TGV$^+$07, UCSZ07, WDH$^+$09, WLFC08, ZAD07]. **Dimensions** [Dus01, MV02a, Zam01, Bye09, DBGM08, TQUN07, TQUN08]. **Dimer** [MS01a, CY08, Kli06]. **Dimeric** [DBHS00, HQP08]. **Dimerization** [BHJ03, GS02c, Daw09, SYYI07, WSM05, WL04]. **dinoflagellates** [DS05]. **dinucleotides** [Mic07]. **dioecious** [PM09]. **dioxide** [Gam06]. **Diploid** [GS00, YL00, HA09, SP05b, YY06]. **dipole** [LN05a]. **dipteran** [BEBV03]. **Direct** [ON07, RON09, WH01, BS06, PTON08, SA07b]. **Directed** [Arm01, Fox05, LTW06, MM00a, ANL01, MNP06, MLPJ09, RAHO06, WRKK09, WS02b]. **Direction** [KG02, SI06, YMC01, LDW05]. **Directional** [JP00, JSCN04, Wit03]. **Directionality** [Mas09, SIMK02, MBRRI08]. **directly** [LPJB$^+$08]. **Disadvantaged** [HLW00]. **disappearance** [BM09, KCV05]. **disc** [Won05]. **disc-sphere** [Won05]. **discoideum** [DO04, VW03]. **discontinuities** [KMGDG04]. **Discount** [Ste00]. **discounting** [HMND06]. **Discovery** [XWD$^+$01, JPJ06, YZHZ09]. **discrepancy** [LRT04]. **Discrete** [BM03b, DS04, GLV02, KKK00, Tas02, TS02, YCC02, AM04a, Dam04, DGM05, GK04, HC07a, MSdlPS09, NLS08, SN07]. **Discrete-time** [YCC02, GK04]. **Discriminant** [Lin08, JHJ$^+$09b]. **discriminate** [SPE08]. **Discrimination** [For01, MAHD06, Wil06a]. **discriminator** [BS06]. **discriminator-Errors** [BS06]. **Discussion** [NI07b]. **Disease** [ACCC02, BW01, EKS02, FPL03, HS08, MLPJ09, SMBM00, Agi04, AMC$^+$09, BSGT08, BB06a, BSS$^+$07, BH03b, Bul06, BMS05, CTS06, DMH08, DHR$^+$07, GBB08, HRvdD08, ITM$^+$07, ITI$^+$09, JMvdB09, JEDH08, Lan03, LT06, LZ09a, LMS$^+$08, MP09a, MGT$^+$06, OS06, PCB07, PRT04, RPNH03, SJ03, TK09a, TK09b, Yan08]. **disease-control** [OS06]. **Disease-induced** [HS08]. **Diseases** [GG03a, CBC$^+$09, DHRM08, FYX$^+$09, FMLP06, GWPW04, GOP09, HDF04, JJEX09, KYZ$^+$08, Mat06, Sch03, TP05, dM09]. **Disentangling** [Her09]. **disinfection** [ES08]. **dismutase** [GMFS06, KLK06]. **disorder** [BSGT08]. **disordered** [BE08]. **disorders** [RKF06, dBCP$^+$07]. **Disparate** [GK00, BTL08]. **Dispersal** [CR01, KY00, YCC02, YALT00, Ama04, Ama06, BBKGP08, BNRW04, BTCD07, BH03b, CG06, Eti09, FM04, HWCF07, LSMB$^+$03, MCM$^+$09, MC06, MA03b, MBRRI08, NBT07, SSL08, SSS08, TMBD09, WW05b, XBGN05]. **dispersal-driven** [WW05b]. **Dispersing** [HLH01, Mcn00, MN01, Hie05, HM07]. **Dispersion** [QB00, KNS05]. **displacement** [GAK$^+$06, GNLEK07, KC07, YLCW06]. **displacements** [CGF$^+$08]. **Displaying** [Ano01c, GG01b, Leh02, LRD04]. **Displays** [Szá03]. **disrupt** [HHP05]. **disruption** [LDW04]. **disruptive** [BdABA09]. **Dissecting** [MM08b]. **dissimilarities** [PDC04]. **dissipation**

[CQLV$^+$03, LPT05]. **Distance** [OKS01, PE00, AB06, BTCD07, CF07, GMMGDA05, GMY09, MN01, Mic07, Mur07, TH03a, TLC07]. **distances** [BGG06]. **Distinct** [KP06, MWB05]. **Distinctive** [Dus02, RHM$^+$08]. **distinctiveness** [MR07a]. **Distinguish** [DOT02, NA03, QLHL09, ZYD$^+$05]. **distinguishing** [ZW03]. **Distorted** [YMC01]. **Distortion** [Che00]. **distributed** [CMF08, FLG$^+$07, JI05, OT09, PPD09, WMS08b]. **Distribution** [AH03a, Ano01g, Bea00, DFC$^+$02, FPS08, IKS00, Ken01, Ken02, Koc00, LLCM01, Mcn00, QB00, RH02, SRN$^+$00, WGH00, YTAK01, Ait08, BH08, Bal04, BGK09, BM06, Eng07, Est07, FR06, Fra03, GMMR07, GP08b, HF03a, HL06, Hui09, Kok04, LS04a, LBS06, LS08b, MS08a, Mil08, Orr06, PM08, RDYH09, Saf09, SH03, SVGK07, SNA$^+$08, TBCD06, Wal07b, YB05, ZF08, Zhu09]. **Distributions** [DBHS00, EMS02, MZ02, YN02, BLZ07a, BLZ07b, BSJ04, Bye09, Chi07, GR08a, GNLEK07, HEH$^+$09, HSF09, Jam09a, LP07a, LP07b, Niw03, RMAI06b, SPAH06, TY06]. **Distributive** [MGL06a, BDMR06, BES06, MGL05]. **Disturbance** [OKTS02, BR00, CBR04, CCF06, NBT07]. **disturbances** [CCC08, Hie05, HM07, wTA09]. **Disturbed** [GS02a]. **disulfide** [FW00, SWB06]. **disulfide-bonded** [SWB06]. **Disulphide** [WP01]. **divergence** [FS09]. **Diverse** [GVK00, PFRR08, UB01, Wil01]. **diversifies** [KOK06]. **Diversity** [BLMV01, GS02a, LJK06, LL01a, OKTS02, Sch00, WVA05a, Ari05, COdAM05, CCF06, FPS08, Gre09, HFS06, KUK07, LV08, MPN$^+$05, Moc08, MSS07, MS06b, NdGG06, RHM$^+$08, SMPvdB08, TK05, vdBR03]. **diversity-stability** [LV08]. **Dividing** [KK00b, LFC04]. **Diving** [HHR01, HF03b]. **Diving-induced** [HHR01]. **Division** [Wah02, DW08b, HEH$^+$09, Paw07b, Paw09b, SZLM09, Tan07c, YHM$^+$06]. **DNA** [AAL08, Aba09, AFZ08, AJSL07, AF01, BL00, BZ04, Bie06, BM03b, CSC03, CRL06, DB01, DVL$^+$00, DBHS00, Dru03, EN03, FCD$^+$05, GS06, GVB$^+$08, Gru00, HK05, Has01a, KmMK04, LCBTP03, LDW05, LTW06, LDXW06, MS01a, Mei05, MM00a, MM02b, MK03, Mur07, Nar07, NA02, PCH$^+$05, PBMU$^+$09, PSSY09, PN02b, QWQ07, RZF03, RPB03, RAHO06, STW$^+$09, SB09c, SLL06, SK01, TML02, TL00, VO00, VA04a, Wal07b, Xie09, Yag09, YY07, YCC$^+$06, YSW09, ZSZ$^+$06, ZC06, ZXWF08, ZAB$^+$09]. **DNA-** [STW$^+$09]. **DNA-binding** [YCC$^+$06]. **DNA-membrane** [RZF03]. **DNA-Proofreading** [Has01a]. **DNA/collagen** [PSSY09]. **dnaQ** [Dor03a]. **DNAs** [MB06]. **Do** [Ded09, FB00, FM07b, Kin07, Möl01, PD00, WSC02, YOYT07, AFZ08, BIS$^+$07, BKF00, Den08, HHH06, LY03b, PBC09b]. **Does** [Dru03, GDD$^+$03, Kon06, NBT07, Sug02, Tan07a, VSA07, Yos03, BBD06, BB05, BEBV03, CK08, EG07, GMFS06, MV06, MJ07b, SS00, Tan07c, VA06, WKB07]. **Dollar** [Yos03]. **dolphins** [BLT03]. **Domain** [CLXC03, DSY01a, DSY01b, SHF02, Ari05, BL09, CC06a, Di 03a, Di 08, JBK04, KS08a, LGB03b, MBB08, MSMKM06, PCB07, RN07, SC09, SCS04a]. **Domains** [XWD$^+$01]. **Dominance** [BC02, Bro02, HR00, Agu08, LKK07, PB08]. **dominant** [GV03].

dominant-recessive [GV03]. **dominated** [MGC04]. **dominates** [AB04]. **Dominoes** [Ano01c, GG01b]. **Don** [LHDvdM04]. **donation** [Mar09a]. **Donnan** [Kur08a]. **Donut** [LZ09a]. **Donut-shaped** [LZ09a]. **Dopamine** [PB02, SM09a]. **Dormancy** [KY00, ITM^{+}07]. **dorsal** [ZLN07]. **dorsal-ventral** [ZLN07]. **Dosage** [HR00, Vei03, RCS05]. **Dose** [BNT^{+}00, BFGS07, Hua03, MV07, ØKRG04]. **Dose-Response** [BNT^{+}00, MV07]. **Dosing** [HFH03, Cog06]. **Double** [CMB^{+}01, AO03b, HK05, KS08b, Lan03, PDC04, Wal07b, WBSY06]. **double-agent** [Lan03]. **double-motif** [KS08b]. **double-strand** [Wal07b]. **Double-stranded** [CMB^{+}01]. **Doublefoot** [MSMKM06]. **doublet** [Pat05]. **Douglas** [AF02b]. **dove** [AKdlPP06, NS03a]. **Doves** [Cro00]. **down** [BTA08, CF09, DFW^{+}07, PT09, SB05]. **down-modulation** [SB05]. **downwelling** [HHH06]. **Doxorubicin** [Jac03, EPJ^{+}09, EPJ^{+}11]. **DQN** [mLLS^{+}06]. **Dr.** [Gel07]. **dragonfly** [KKPB09]. **Drastic** [Wak04]. **dreaming** [Muz05]. **Drift** [GA02, LACL03, LFFT06]. **Drive** [De 02a, Blu07, Mar09b, WKRD09, ZXWF08]. **Driven** [HHR01, HRBL02, CABB09, EL05, FFD^{+}02, FWE06, HDW^{+}09, KUK07, LCL03, NOT04, Ped07, Rel04, RWP^{+}08, SBZ^{+}08, VL09, WW05b, ZW07, vdBWLS07]. **drives** [LWFP08]. **Driving** [Pro03]. **Drosophila** [AWAB05, AD06a, Ano01b, AGZ^{+}06, HMB^{+}08, KHHS09, LM07, LVABV05, MSP03, OY03, RCS05, ST01, UHK01, XK07, AO03a, LdGH09]. **Drug** [GABK08, RB02b, Wod01, ADHM09, BFGS07, DLRP07, DF09, DHW^{+}09, Gar02, JEHK06, Kom06, KW07, LPJB^{+}08, LSMZ08, LYZ08, OBL04, Pep04a, Pep04b, RGFP07, STK08, Smi08d, VHF08, XAP07]. **Drug-efficacy** [GABK08]. **drug-treatment** [LYZ08]. **drug/metabolite** [DF09]. **dT** [HK05]. **Dual** [AWJ02, Ezo09, CXM^{+}09, FB06, QWQ07, QWQ09, TBCD06, WE06]. **dual-lattice** [CXM^{+}09, TBCD06]. **dual-recorded** [FB06]. **Duchenne** [DC09]. **duct** [MV02a, MV02b, MV02c, MV02a, MV02b, MV02c]. **ductal** [BMH07, FBUL05]. **Ductile** [FHD09]. **Ducts** [MV02c]. **Due** [KY00, BGE06a, BGE06b, BFG08b, BFG08a, HD08, Lac01, NGT05, Shi06a, TTKZ01, Wal07b]. **duplicates** [OW07]. **duplication** [BLS06, PSSS03]. **duplications** [KK06]. **Duration** [SS09a, CY07, DMO^{+}07, Dus06, Hop06, Jam08b, JEDH08]. **During** [ISC01, JW01, Nir02, AGZ^{+}06, ACLH05, BFGD07, BGG^{+}09, Buc04, BRND09, CXZ^{+}09, CLB05, CPC^{+}00, CS07, CSD09, DVC^{+}04, DBG06, Dru03, FL03, GGH^{+}05, GZL^{+}03, GK09, GRBR04, HMB^{+}08, HM06, HHH06, Jam09b, KP06, LS03, LW08a, LHDvdM04, MSMKM06, MPL06a, NB02, OLBM08, PL09, RWCK08, RWP^{+}08, RGRB04, RRH08, RLCIB05, Ros03, SJGK04, SPC02, SGG^{+}07, SCC^{+}00, TT04, The00, UL06, WBR09, YFKP03]. **dusk** [HHH06]. **dusk-active** [HHH06]. **DVM** [LSH06]. **dwarf** [YOYT07]. **dyadic** [BC04a]. **dyes** [Mei05]. **Dynamic** [BC04b, CXZ^{+}09, CMPL^{+}00, CCC08, FR02, GZK06, HIM09, JG06, MSWH00, MKE^{+}09, NSM02, Ort06, SZ04, SL00, SI04b, VCBV^{+}06, WSS07, XWD+01, YLM03, ZC09, dVG04, dVG06, BKM09, BD08b, GDC+06, HM07, IB06, KNWCB07, KH07b, LR07, LAG09, MAC06, MKB03, NLM+08, PB07, SGTF07, SK05, SHI05, SHI06b, STMH04, TSZ+07, VAAH05]. **Dynamic-persistence** [JG06]. **Dynamical** [ACLH05, AR08, BBPSV05, BLMV01, ETTV08, FC01, HLH01, ITM+07, IKS00, MHDOG01, PWG09, TK05, AVSHV04, CBF05, HSC07, Hor08, LGCL07, MBB+06, MP09b, Paw09a, QHF+07, vKPdR07]. **dynamically** [DBB09]. **Dynamics** [AWJ02, AP01, Ano00-30, Ano01c, Ano09a, ACCC00, Bas01, BKE03, BH01, CLZZ02, Car02a, CCP+00, COS01, Dai02, Dam04, DTG09, DSCD02, DF00, DHM01, EN03, EMS02, FMD01, Fra00b, Fur02, GG03a, GG01b, HM01, HDHS02, HDRM00, JJ01, JSV02, KMH00, KTH+00, KRR09, KS01c, KNN01, KN03, KPS02, KJ02, LPC06, LLF02, LVV+01, MKLD02, MI06, MA07a, MSI01, PN01, PN02a, PKL02, PG00, QA01, Rae02, RSBY03, RRR+08, RSG09, SSA00, SB09b, SCH02c, SMG01, SE02b, SVS+02, SHHD02, SLL06, SSF09, SRWL02, SB00, TT02, TT03, TT01, TBB+06, VS08, WWS08, YCC02, YALT00, vAGDR09, vdBR04a, AAEW09, AJOK09, AM04a, Ama04, AKS07, AM04b, AM06, Ark05, AB03, AMC+09, BH08, Bea06, BTS08, BKE04, BB07a, CMF08, CSD04, CKS07, CAHH06, CRR08]. **dynamics** [Cog07, CSM05, DLRP07, DHYHR09, DGM05, DGD+09, DKLL05, DHP06, DBB09, Eam06, EZM05, ETH04, FPBM08, FMI05, FP07, FDA+09, Fra08, FPL03, FJBK05, GK06a, GDS07, GSRC+06, GASA09, GK04, GPMW06, GS08a, GT08, GPN05, HCM+07, HK09, HDZ+07, Has06, HA09, HTN04a, HTN04b, HPZ09, HBB08, HS07, IYGA08, IiKY07, IB06, ING04, IGHW07, IMN04b, JM07, JB04, JEDH08, JZST09, JR06, JST+08, KBT08, KBD06, KI09, iKIY09, KHHS09, Koh07, Kom04, KiHM+03, KRN03, KC05, KV04, KCVC04, LL08, LCL03, LCBTP03, Lap03, LB07, LCHK09, LGB03a, LGB03b, Lew05, LL07, LDW04, LDW05, LTLM09, MOBN09, Man06, MCM+09, Mas08, Mas09, MS08b, MB05, MGL+06b, MNI06, MP05, Mil05, MK09, MM08b, MNL+07, MRF07, MS09b, MDL04, NWT09, NO04, NBMS06, NLS08, OLBM08, OI04]. **dynamics** [OI05, OI07, OBN07, PAA07, PW09a, PCS+06, Péc05, PDPL05, PHG04, PFRR08, PRT04, PB09, RB06, RDL07, RR08, RWK08, RRS06, RGFP07, RRR04, SSB+07, SBI07, SLIL07, SI04a, SI06, SW08b, SWRH03, STK08, SKY09, SRG+03, Sim08, SSL08, SV03, SML07, SML08, SM09a, TIN06, TC09, TSN05, TPN07, TSC04, VWR07, VCGV07, Wak07, WZL+08, WG06, WT07, WLHB07, XBCF05, Xie09, XFAS06, ZAdlPLM07, ZZW07, ZCD05, vLHH06, MV02a]. **dynein** [Cib08, GE05]. **Dynnik** [NM08]. **dysregulation** [Agi04]. **dystrophy** [DC09].

E. [AHT+07, CB07a, LR07, LSD+00, LLO08, SWB06, TBC+08, WDH+09]. **each** [BZ04]. **earliest** [NDE06]. **Early** [KRNKH00, PGLG01, Wel00a, Wel00b, Zhi02, AWAB05, BKKR08, Dru03, EAC+06, Gab06, GT06a, GT08, HIM09, HKP07, Kal07, MCK07, MCM+09, MSDM06, Rej07, vdGMG+09]. **early-stage** [BKKR08]. **easier** [SSM09]. **Ebola** [CHCC+04]. **eccentric**

[TSRB08]. **Eccentricity** [FK01b, FK03a]. **ECG** [ACLH05, JDMZ$^+$07]. **Echinodermata** [Kal00]. **echocardiogram** [Han04]. **echocardiogram-based** [Han04]. **ECMs** [FS04b]. **ECoGs** [OR04]. **Ecological** [BLMV01, Di 00c, Dus02, FPC01, KC07, MS08b, BFP07, CB08a, CE05, DP08, FCP03, GDS07, GN07, HBWB08, LL07, MCM$^+$09, NWP07, PCS$^+$06, RAZ03, SLIL07, SH07, VWR07]. **ecological-social** [SLIL07]. **Ecology** [CDHJ02, Kee00, AJ05, BR08, RE04, RB08]. **Economical** [DBG01]. **Ecosystem** [Tsc00, AB04, FFIS07, GvHP$^+$07, JD09, LPT05, SWN07, SD06a, SD06b]. **Ecosystems** [CMW02, Gro02, LLF02, Wil01, BLMV05a, BLMV05b, GJ07, MGC04, MB07, Mic05, Sav04]. **Ecotypes** [SKI$^+$06]. **ectotherms** [DF08]. **edge** [LRB$^+$06]. **edge-detection** [LRB$^+$06]. **editing** [DL08]. **editor** [Ret04]. **Editorial** [Ano00b, Ano03o, Ano03p, Ano03q, Ano03r, Ano03s, Ano03d, Ano03e, Ano03f, Ano03g, Ano03h, Ano03i, Ano03j, Ano03k, Ano03l, Ano03m, Ano03n, Ano04-29, Ano04k, Ano04l, Ano04m, Ano04n, Ano04o, Ano04p, Ano04q, Ano04r, Ano04s, Ano04t, Ano04u, Ano04v, Ano04w, Ano04x, Ano04y, Ano04z, Ano04-27, Ano04-28, Ano04-30, Ano04-31, Ano04-32, Ano04-33, Ano05i, Ano05j, Ano05k, Ano05l, Ano05m, Ano05n, Ano05o, Ano05p, Ano05q, Ano05r, Ano05s, Ano05t, Ano05u, Ano05v, Ano05w, Ano05x, Ano05y, Ano05z, Ano05-27, Ano05-28, Ano05-29, Ano05-30, Ano05-31, Ano05-32, Ano06k, Ano06l, Ano06m, Ano06n, Ano06o, Ano06p, Ano06q, Ano06r, Ano06s, Ano06t, Ano06u, Ano06v, Ano06w, Ano06x, Ano06y, Ano06z, Ano06-27, Ano06-28, Ano06-29, Ano06-30]. **Editorial** [Mil09, Ano04j, Ano06g, Ano06h, Ano06i, Ano06j, Ano07g, Ano07h, Ano07i, Ano07j, Ano07k, Ano07l, Ano07m, Ano07n, Ano07o, Ano07p, Ano07q, Ano07r, Ano07s, Ano07t, Ano07u, Ano07v, Ano07w, Ano07x, Ano07y, Ano07z, Ano07-27, Ano07-28, Ano07-29, Ano07-30, Ano08e, Ano08f, Ano08g, Ano08h, Ano08i, Ano08j, Ano08k, Ano08l, Ano08m, Ano08n, Ano08o, Ano08p, Ano08q, Ano08r, Ano08s, Ano08t, Ano08u, Ano08v, Ano08w, Ano08x, Ano08y, Ano08z, Ano08-27, Ano08-28, Ano09b, Ano09c, Ano09d, Ano09e, Ano09f, Ano09g, Ano09h, Ano09i, Ano09j, Ano09k, Ano09l, Ano09m, Ano09n, Ano09o, Ano09p, Ano09q, Ano09r, Ano09s, Ano09t, Ano09u, Ano09v, Ano09w, Ano09x, Ano09y]. **editors** [Gel07]. **Edmund** [EK08]. **EEG** [GBZ06, RRR04, UL06]. **EEGs** [OR04]. **Effect** [BL08, BB02, CLZZ02, EW09, FM02, GB07, GP00, GP01, HBLG02, KY00, KT01, LL05, MCF04, MLMW01, NWT09, Nar07, OMT03, RVMR01, SM06a, See00, SN09, TZS07, WGH00, Wod07, ADHM09, AP09, BFGS07, Bog04, BEBV03, BFA08, BC06, CC09a, CCF06, DDJ06, GR08a, GASA09, GC08, GT06b, HRSV06, HM07, ING04, JMvdB09, KNS05, Kat03, KDKS06, KC03, LIK$^+$05, LFFT06, ML07a, ML07b, MGP$^+$08, Mar09b, MTS05, MGHF06, MPL06b, NPN09, ØKRG04, ØØS06, PDB08, PLSGG05, SES08, Sin07, SSS08, iTYU06, Thi04, TBC$^+$08, VGS$^+$05, Wak04, WWS$^+$06, XSD$^+$05, XBT09, ZAB$^+$09, vKdRP05]. **Effective** [Bye09, TH03b, BC09b, FBM06, HP04, KMW03]. **effectively** [Tak06, Tan07a]. **Effectiveness** [TY06]. **effector** [HW06]. **Effects**

[ABR02, AMC+09, BPV01, BZ00, CC01a, Che06b, Cog06, CPR00, DMH08, DFC+02, Fen03, FM04, FR02, GMAH07, GTG01, GPG07, GF02, HS00c, IKD04, KUK07, KKPB09, KA02, LFLM00, LL07, LST00, Pál01, PGLG01, PN02b, Rev02, SCH02c, SZLK+05, SWI07, Ste04, ST05, SFS+01, Tay00, Vei03, WH00, WH01, WLHB07, YALT00, AAL08, ABM04, ARR08, AD06b, BRCB04, BMH07, Bar05, Bea06, BR04, BGMM08, CMF08, CHCC+04, CAHH06, CH05b, CBC+09, CM03, GVB+08, GT06a, Gol07, GvO04, HL05, Hau06, HL06, JK03, Jes06, JCK09, JSCN04, Ker04, Ker06, KHHS09, KLK06, Kur08a, LKK07, LMF08, LKC07, LHFH08, LFP+05, LW07, MKS+09, MBD08, MK09, ND04, OBPH+08, Orr06, PLB+05, PB09, ROR05, RSS04, RCS05, RA06, SSB+07, Sac07, SS03, Sar04, Sat04, SWN07, SSL08, SX06]. **effects** [USTG09, WZL+08, YHBW04, ZJ06]. **efficacy** [BRS+09, DLRP07, GABK08, vdBR03]. **efficiencies** [GG09]. **Efficiency** [Puj02, Lal06, LW08a, LMVPM07, MT06a, MT06b, VTG+06, VSP06]. **Efficient** [Arm01, DSS08, DBG01, CB07a, DMPS05, KD03, MP05, MLS09, SHI05, SHI06b, ZKH+05]. **efflux** [FM06, MGP+08, NPN09]. **Effort** [YYI03, HDZ+07, SS09a, YHI03, YHI04]. **EGF** [AD06b]. **EGF-receptor** [AD06b]. **Egg** [Lan00a, Nir02, CH07, FWLN04, LHDvdM04, ZAB+09]. **Eggs** [Dus02, Yos03, WB06]. **Egocentric** [MRA06]. **eight** [OI06]. **Einstein** [AH03b]. **ejaculates** [HH06a]. **Ejection** [KKDV01, AKR09, Han04]. **Elastic** [FS04b, AGW+06, AGW+08, GG09, KSG03, RBS05, TOB08]. **elastic-force** [KSG03]. **Elasticity** [Nie02, Tho05, FH07]. **elbow** [GMSW04]. **Electric** [LN05a]. **Electrical** [ARW00, RWR00, SRMW00]. **Electrically** [BGP00]. **electrocorticographic** [Rob03]. **Electrodiffusion** [GJE02]. **electroencephalographic** [OR05, Rob03]. **Electrolytes** [SS00]. **Electromagnetic** [LFLM00, TK04]. **electromechanical** [Mas03]. **Electron** [FW01, MS01a, PDIS00, Ban06, Bat09]. **Electronic** [CMW02]. **electrophysiological** [ACLH05]. **electrophysiology** [GKXS07]. **electroporation** [PGN08]. **electrostatic** [AAL08, SPN06]. **elegans** [MY01, MGS08, NM09, RW08, RDSB+03]. **Element** [JMB00, SNT03, BBSLN06, DGS09, LME06]. **elementary** [LP07b, WM04]. **Elements** [Mac00, PKW+00, QA01, KSS07, RSG09, YMLK04]. **elevational** [Sav04]. **eliminated** [EPR07]. **elimination** [PER03]. **Elongation** [HGV01, Hau07, OLBM08, ZZW07]. **Elucidating** [JBJ+08, vLBJK07]. **elusive** [Mit04]. **Embolism** [HVPN02, HVN07, KRN03]. **Embryo** [PMMS01, AWAB05, ST03, ZLN07]. **Embryonic** [ZSRB07, HMB+08, Ros03, SNCM09]. **Embryos** [KMGV00, KVMV01]. **Emergence** [AP04, GD08, JLCS08, KTCD00, MGC04, NI07b, Pro03, RWR00, RC09, Dal06, GA08a, GSM06, HH06b, LL08, MS09a, SH08a, TM06, Tlu07]. **Emergent** [CCM07, DS00a, GTDA02, ORM03a, WBR08, CSP+08, CSP+09, vKdRP05]. **Emerging** [MKLD02, FYX+09, GDS07, Tan07a]. **emission** [BKM09, KY03, MKB03]. **emitting** [GSM06]. **Emory** [Ano01-33]. **empathy**

[Fis06]. **Emphasis** [HCMF01, HCB+02, LM07, SB07]. **Empirical** [Gin00a, KK00a, QSAL08, EHG03, HLP06]. **empty** [Lio09, SN09]. **encapsulated** [GCS07]. **Encephalization** [Cha03, JCW+03]. **Encephalopathies** [CPC+00]. **encephalopathy** [BKM09]. **encoded** [BMT04]. **Encoding** [LMT02, LLS+09, Wal08]. **Encounter** [Dus00, Dus06, LBS06, Lew03]. **Encounters** [BB02, Nak01, Nak03, UCSZ07]. **endemic** [CMW08, dM09]. **endemically** [LGS+09]. **Endochondral** [Cub00]. **endocytosis** [TWE04]. **Endogenous** [EM00]. **Endolymph** [MV02b]. **endoplasmic** [DBR+05]. **endosseous** [MGAD09a, MGAD09b]. **Endosymbiosis** [FFIS07, dBCP+07]. **Endothelial** [Bar01, CSON+05, KP06, KM05, LMF08, PSJ04]. **endotoxin** [DRV+06]. **enemies** [MPL06a, PBH04]. **enemy** [Bon03]. **Energetic** [DHW+09, BG06, NHTM09, RBS05]. **energetics** [Kal07]. **energies** [For07a, RA08, ZXWF08]. **Energy** [AH03a, RRS06, Sco00, SE02b, Smi08a, WBSY06, AH08, Alp05, Bak04, Bal04, Bat06, CQLV+03, CGS05, DBR+05, EH08, Fin06, FS04b, GR05, HD08, JD09, LK08c, MKE+09, NM08, Nis06, Pen03, SdAC+08, SSD09, VHF06, VHF08, WDH+09, WG03, AB04]. **energy-dependent** [DBR+05]. **Enforcement** [HB01]. **enfuvirtide** [MD08]. **engagement** [SF04]. **engine** [SRCDS08]. **Engineered** [DBG01]. **Engineering** [AH00, Ano02a, Ano04b, LS04b, SJD+09, WBD+09]. **Engineers** [KV05, GvHP+07]. **enhance** [BKMH07, HM05, PC09b, SFVA09]. **enhanced** [LSMZ08, Ped05, WBD+09]. **Enhancement** [DS00a, GRG02, AB06, BSS+07, DLRL08, RSB09, YHI07]. **enhancer** [Mur07]. **Enhances** [AGT+01, FSGB+02, JJ01, LdGH09, ZF06, vdBR03]. **enhancing** [JAJA07, JBJ+08]. **enlarged** [VAAH05]. **enough** [vV06]. **Enquist** [BDMR06, MGL05, Cle07]. **enriched** [MGM07]. **Enrichment** [GEF04, MPN07, MN07b]. **Ensemble** [AH03a, MKT+00, DRV+08, Kau04]. **ensure** [Dim05]. **Ensuring** [BB07a]. **enterotoxin** [Luc05]. **entities** [Agi04]. **entrained** [KG06b, THKU07]. **entrant** [CBBH01]. **Entropic** [Nie02, AW06]. **Entropy** [DSY01a, DSY01b, DPV00, COdAM05, GRBR04, KYZ+08, KmMK04, LKM+08, MB07, RGRB04, VA04a, YDFQ05, ZDC08]. **entropy-based** [COdAM05, KYZ+08]. **entry** [LT06]. **Environment** [Di 00b, PG01a, PL01, TTT09, Wel02, YYI03, ABM03, AD07b, BL06b, Bra07, CGKC07, GASA09, MB06, RKOS09, RW08, SW09]. **Environment-dependent** [TTT09]. **Environmental** [CPR00, GN07, Lac01, MGDDH08, PKL01, RTK02, Wel00a, BDBR07, Bat09, BW06, BGO08, BDR08, CCC08, CXM+09, DLRL08, DI09, Gol07, HCEK08, HMP04, LVH04, LRHB09, PTFF05, PBB03, RRKF09, SC03, SW08a, SA07a, TK08, TY09, TBCD06, VdL03]. **Environmentally** [AN09]. **Environments** [CC01a, DO00, Gag00, Gre00, KF03, Rec02, SML02, CQLV+03, CGF+08, DCC+08, MBP07, MSH05, YHI03, YHI07]. **Enzymatic** [SM02, ASMD06, ANL01, RA06]. **Enzyme** [ADMZ02, LBS00, MKT+00, Alb08, BS05b, CZC05, HGH08, KI04, KI05a, LP07a, LH06, OCA08, RGFP07, SZ04, TE04, TE07, WZW+07, ZCLZ07].

enzyme-catalysed [BS05b]. **enzyme-catalyzed** [Alb08]. **Enzyme-Substrate** [ADMZ02]. **Enzymes** [TGR+00, MGDM08, QLHL09, SB09a, SRG+03, VGMM+07a, VGMM+07b, VGMM+08]. **Enzymes/non** [MGDM08]. **Enzymes/non-enzymes** [MGDM08]. **enzymic** [MH06a]. **epicardial** [CPM+09]. **Epidemic** [CV08, HS02b, MLPJ09, Tho00, Vaz07, BBPSV05, GR08a, ITKL08, JMvdB09, JEDH08, KR07, LTI08, MK06, MM09, PD04, Rel04, RMP08, RH09a, RH09b, RDC09, RGZ09, TK09a, TK09b, WC07a, WG06, XAP07, ZT08]. **epidemics** [CCM07, FM04, HDZ+07, HRvdD08, ITLN09, MNP06, PL09, PCA+09, SK05, TP05, VdGN+05]. **Epidemiological** [Jam01c, GLE+09, GWM04, GN07, Wil08a]. **Epidemiology** [OS06, CB05, SJ03]. **epidermal** [SMH07, WWS+06]. **epigene** [TG09a]. **epigenetic** [DRMLS09, SSF09]. **Epilepsy** [Jam00, PD06]. **epileptic** [KRR09, UL06]. **epimutation** [SP05b]. **Epistasis** [LK03, TH00, WM00, KYZ+08, MGT+06]. **epistatic** [HL05, LFFT06, SW08b]. **epithelial** [Agi04, DT07a, Daw09, PAVS03]. **epithelium** [DSZ09, LK08a, WTC09]. **Epitope** [Lan00a, SB05]. **epizootiology** [DHR+07]. **epoxidase** [LBS00]. **Epstein** [CMB+01, SDL+08]. **Epstein-Barr** [SDL+08]. **equality** [BP08]. **Equation** [Gra02, AWW06, BÅ03, CHR06, FM07a, KMT06, Kom04, LMF03, MW07, MNL+07, ON06, Pie09b, PBB03, SBGA04, TW04, vV05]. **equation-free** [MNL+07]. **Equations** [CT02, PC02, DB08, HDNC04, Lio09, MH06a, RWK08, TSS06, WW05b]. **Equilibria** [Gag00, YN02, CMW08, EN02, FP07, RMP08]. **Equilibrium** [BLMV01, CLZZ02, DSZ09, Hua03, Mie05, MJW00, TML02, Tsc00, ATO+09, HH04a, MP05, TAN09, WN05]. **equitans** [Di 06a]. **Equivalence** [LBJE03, Bat09]. **era** [KM08]. **ergodic** [RK07]. **ERPs** [OR04]. **Erratum** [Ano05h, BZ05a, BBM04, BKE04, FK03a, GWM06, HTN04a, HH05b, KCP09, Ker06, LVL08a, LW04, ML07a, MI08a, NI04a, OI05, RF04a, SI04c, TRM03b, TQUN08, UI04b, Ano00c, Ano00d, Ano01e, Ano01b, Ano01c, Ano01f, Ano01g, Ano01d]. **Error** [CDF00, DW08b, De 03, FLG+07, GVK00, Sel06, FSS06a, PCK+05, SD04, TGN07, VTL05]. **Error-prone** [DW08b, PCK+05]. **Error-proneness** [De 03]. **Errors** [BS06, De 02a, FGH01, GW06, HH04b, RCA09, TM06]. **Erythrocyte** [CTS+08, FVP+07, PBZ06, PBZ08, Won06, dPCP+08]. **erythrocytes** [Won05]. **erythroid** [CPMG+08]. **erythropoiesis** [CPMG+08]. **ESAD** [GV03]. **Escape** [Fur02, MGP00, IMN04b, WL07b]. **escaping** [LPC06]. **Escherichia** [AS00, BKP09, GGK05, Koc00, LL06, MBP07, NGT05, NPN09, PCSL+06, RFH+02, RGF+08, RGW+05, TBB+06]. **ESMTB** [Ano01h]. **Esophageal** [NB02]. **ESS** [BHC06, GV03, HG02, LM01b, SS03, SP06, Yan06]. **essay** [PTFF05]. **essence** [MSSS09]. **Essential** [Fei08, KLL07b, NM09]. **established** [GT06b]. **establishment** [AWAB05]. **estimable** [PBB03]. **Estimate** [FGH01, TGP+00, Ben04b, Bok06, ELSFB07, VTC08a, VTC08b].

Estimated [HI00a, OKS01, Par04]. **Estimates** [MC01, AS09, CM09, HW05, HW06, SLH05]. **Estimating** [BSJ04, CPR00, FB06, GB02, GLK$^+$02, GA02, NB02, PC02, PKL01, RYAI06, SIHH04, BDMP$^+$08, HNTHA07, VTC08a]. **Estimation** [BKD$^+$06, DNS00, ISWT02, KKK00, KMW03, Lal06, RRR04, SZ01, BGK09, CSS08, Eti09, GBB08, GAK$^+$06, HJ07, KHE06, LSS06, LH06, Nis06, RDF03]. **estimators** [WTL08]. **estradiol** [SVG$^+$08]. **ET-KNN** [DCL09]. **Ethylene** [WAMO00]. **etiology** [Răd09]. **Euclidean** [CM09]. **Euglena** [HP00b]. **Eukarya** [Di 08]. **Eukaryotes** [ISWT02, AFZ08, GS06, PLB$^+$05, SM03]. **Eukaryotic** [BG00b, TPWG01, TN01, Bel06, BOvD08, Nar06b, SG06, SN04]. **Euphausia** [GMMR07]. **European** [NAV04]. **eusocial** [BIS$^+$07]. **Evade** [CMB$^+$01]. **Evaluating** [HK07, PKA02]. **Evaluation** [CRL06, HCB$^+$02, MKA05, SA05b, VDV00, ADHM09, GEK04, JAJH07, TNP07]. **evasion** [ZKH$^+$05]. **Even** [GRW03]. **evenness** [Gos06, Ric03]. **event** [DGM05, GBZ06]. **event-related** [GBZ06]. **Events** [FB01, KKK00, RRK06]. **Evidence** [Di 03b, Jam00, JLS01, KSK08, Arc07b, BBM03, BBM04, CH05a, DCL09, Kan06, Smi09]. **evidence-theoretic** [DCL09]. **Evidenced** [DSY01a, DSY01b]. **Evolution** [Ano01e, Ano01h, AF01, ACCC02, BES06, BH01, BC04a, De 02a, Dem00a, DML02, Di 00c, DSK02, DHM01, DPA03, EG07, FDG02, For00b, FLG$^+$09, Fra02, Gag00, GA09, HI00b, HS00a, Har01, Hau07, HR00, IST01, JB08, Kal00, Kao06, KW00a, Kel01, KRR09, KY00, KY03, KYS06, KT03, KT01, Lac01, LP07a, Mac01, MZ02, Mce03, MW09, Mic07, MW00, MS01b, MM03b, MM00a, MN06, MN07a, NL03b, NI04b, NI04a, NP05, OMT03, PB08, Pep00, PN00, PD00, PBT02, RB02c, Sch09, SCH05b, SE02b, SPS09, Ste02b, Sug02, SA07b, The00, TU00, VCGV07, WM00, Wak05, Wak07, WD03, YHBW04, Zhi02, AC07a, Agu08, AH03b, AHT$^+$07, Akt04, AJ05, AG06b, Arc07b, AD07b, BHC06, BM08, BPC08, Ben04a, Bon06, BB03, BHWB05, BCH03, BR09]. **evolution** [BB09, Bul06, Bye05, CSP06, CS08, CL09, CRL06, Chu08, CC09b, Ded09, DLB07, DMQ04, DPA05, Dus06, EK08, Ezo09, Fei08, FR07, FZ07, FABdC04, Fox05, FS07, GK06b, GA08a, GT06a, GINT09, GR08b, GDC$^+$06, HI07, HLA09, Här07a, How09, IMN05, JL06, JI05, Kal07, Kam03, KAI08, KB04, KSB07, KGL09, KWGE04, KS04, KSG03, KOK06, KD06, LJ06, LJ09a, LGK$^+$09, LGK$^+$12, LKK07, LVH04, MR03, MHMGM08, Men07, MVS$^+$06, MWB05, MK09, O'K05, OAC03, Osb08, Ots08, PB03, PBL06, PGH$^+$04, PBH04, QB06, RV05, RGFP07, Rot09, Row06, SP07a, SGS$^+$05, SG07, Sch05a, SSLB07, SPF08, SWI07, SN09, SH08a, SC09, SF08b, Smi04, SA08a, SPB06, ST05, SA08b, TFYY03, TCP05, TMBD09, Wag03, WOLS07, WSM05, WRKK09, Whi07, Wil09, Yam03]. **evolution** [Yun05, ZJ05, ZJ06, ZF06, ZWT$^+$08]. **Evolutionarily** [Ant02, BSR06, LBSS02, RHM$^+$08, YLL00, AM04a, AD07a, Kom07, LW04, MH05, YYY$^+$08]. **Evolutionary** [AH00, Apa09, BK01, CDHJ02, CGH01, CG03, CH07, Dem02, FP07, FB00, Fra08, Had01, IMN04b, Jäg08, JZST09, KMC$^+$07, KNN01, LL08, LB07, MDD06, Nei04, NJVA04, OPN07, ON08, OKS01, PN01, PN02a, PDA+00, QA01, SSWF01, SK09b, VO00, WZL+08, WL07b, ZSF+07, ZCD05, AJ05, ACK08, BC09a, BN04, BP08, BR08, BL06b, Cor05, Di 06b, DL08, Fis06, FMH08, GA07, Has06, HA09, HBWB08, II06, KV05, KF06, Ken07, LJTD05, LM08, MSP03, Mas08, Mas09, MWCS04, Mie05, Net09, NI04c, OI07, OBN07, PTN06, PHP03, RSSM06, SW08b, Sim08, TSN05, TIN07, TPN07, TLC07, Wax06, WT07, WN05, Win06, dSKL09, vdGMG+09, MS09b]. **evolvability** [ABKR07, Gol08]. **Evolve** [PD00, Dic08, FZ04, Gab06, Gol09, NS03a, Uit09]. **Evolving** [Hog00, MS09a, PSSS03, Wah02, GD08]. **evoultionary** [TIN06]. **EX1** [Ano03-42, Ano03-41, Ano03-43, Ano04-54, Ano04-50, Ano04-56, Ano04-49, Ano04-51, Ano04-52, Ano04-53, Ano04-55, Ano05-55, Ano05-56]. **EX2** [Ano03-42, Ano03-41, Ano03-43, Ano04-54, Ano04-50, Ano04-49, Ano04-51, Ano04-52, Ano04-53, Ano04-55, Ano05-55, Ano05-56]. **EX584** [Ano04-56]. **Exact** [BÅ03]. **Examination** [CC01c, DRW01, ML09b, MM03a, Sta08]. **examine** [CKE06]. **examining** [BMH07, HW09]. **Example** [CBH02, IGHW07, Kal00, FMLP06, FLG+09, LRHB09, YM04]. **examples** [CWJ07]. **exception** [BM09]. **excess** [TE07]. **Exchange** [McN06, Mcn00, MN01, SBH01, WGH01, Bat06, BT06, BTS08, PM03]. **exchanging** [San03, SBH01]. **excision** [DdB03, KKR+07]. **Excitable** [ACK00, ERM00, BGP00, CD07, GSM06, RSG09]. **Excitation** [MV02b]. **Excitatory** [TTKZ01]. **exciton** [Sin06]. **Excluded** [AW06]. **Exclusion** [BL09, RBBH02, FT09a]. **Exercise** [Sco00, GGH+05]. **exerted** [ML09b]. **exhaustive** [OI07]. **exhibit** [Kin07]. **Exhibiting** [TH00, DF08, RA06]. **eximius** [SMD00]. **exist** [BB05, Dru03]. **Existence** [IMNT09, LGCL07]. **exists** [BEBV03]. **Exit** [öOW01, TQUN07, TQUN08]. **Exocytosis** [FY00]. **exonuclease** [Xie09]. **exotic** [GT06b]. **expanded** [NGTB06]. **expanding** [HH06c]. **expansibility** [Est07]. **Expansion** [FB01, JE09, NMI06]. **expansions** [MPL06a, VA06]. **Expectation** [MM00b]. **Expected** [Dic08, FB00, RHM+08]. **Expenditure** [Sco00]. **experience** [PTFF05]. **Experiment** [SE02a, LSS06]. **Experimental** [CSFH+01, CMTU01, KS01c, LH06, MS01b, Nas01b, PH03, Wan00, WCLL08, BGE06a, CTS+08, CLS08, FS04b, JR06, LMT05, MCC+09, SC03, WRKK09, KSM02]. **Experimentally** [FHD09, MW01]. **Experiments** [ABR02, Kru02, MM00a, AKLS05, DMPS05, ISW04, IvDH+08, SVS04, Tan07b]. **Experts** [RMAI06a, RMAI09]. **Expiration** [LWFP08]. **Explain** [BSRH02, BSRH03, MFB01, BTL08, Buc04, CS00, EG07, Osb08, PE04, RMRG09, SGTF07, Sch05a, SCNP+06, Wak04, vV06, vdBvdB09]. **Explained** [öOW01]. **Explaining** [Dus02, SSF09, Twa04]. **Explains** [Dus00, KK00a, CM09, Dus06, MGP+08, RBS05]. **Explanation** [GK00, FHD09, GMFS06]. **explanations** [Jam09b]. **Explicit** [Sch02b, CG06, CSM05, HH04a, KB04, LKM06, LSMB+03, RHH08]. **Explicitly** [Smi08d]. **Exploit** [Möl02]. **exploitation** [De 02b, DBGM08, HH06a]. **exploited** [SBI07]. **Exploiters** [LBF01, Gol07]. **Exploration** [AOH03, FF02, CB08a, MCC+09]. **Exploratory** [SMD00].

explore [Pal08]. **Exploring** [AS07, BFH+01, BOvD08, CPG09, EKS02, ELJ06, HML09, MDD06, PL09, SWB06]. **Explosions** [DMW08]. **exponent** [GDC+06, HJ07]. **Exponential** [SS01, CL05, MAL03, Niw03]. **exponentially** [HI07, LL05]. **exposed** [ML08a, ML08b, wTA09]. **Exposure** [ES08, BGMM08, GRH+07, LMF03, Lit07, Luc05]. **expressed** [YDFQ05]. **Expression** [CSP01, CP03, FC01, HR00, Ish00, LSD+00, AO03a, BZ05a, BZ05b, DGM05, DKS04, DSA+06, FM07b, Gie06, HAC+09, IS08, IZGG05, KLL08, Lei09, Lei10, LPMC+06, mLLS+06, Moc08, MA04, MKA05, MLS09, NS09a, NTU06, PLB+05, PHG04, PE04, SVS04, SVGK07, SP06, SHI03, SVN+05, TZS07, TSZ+07, Wil06b]. **Extended** [RSBY03, TS02, BGF07, CXZ+09, DFCL08, KS08b, LHDvdM04, MS07a, RPNH03, SS06a]. **extending** [BCRG04]. **extension** [BLS+09, Hol06, IS03, KV05, MCN08, TSRB08, ZJG03]. **extensions** [LD09a]. **extensive** [DFP+08]. **extent** [Gie06, RG05]. **extermination** [YHI07]. **External** [DF00, GRG02, XT06, Ben04a, GVB+08, LN05b, LHDvdM04, MS03a, MJ07a, OB04, Tao04a]. **Extinction** [BB02, HIN00, HI00a, HI05, JE01, JSV02, Nås01a, OSBH02, PCZL05, PCZL06, Bok06, ES00, FPS08, GMM09, GT06b, KJJ07, KBD06, Par04]. **extinctions** [AB04]. **Extracellular** [HSMM07, LGB02, VP01, FDA+09, FS04b, FH07, GHA03, Kur08a, TN04, TTN05]. **Extracting** [AHT+07, Tan07b, Wan06]. **extracts** [ZAB+09]. **extraordinary** [Wak05]. **Extrapair** [FSL03]. **extravascular** [FH07]. **Extreme** [PPEøP02, GRW03, KV05, WMP03]. **extremes** [TSK09]. **extrinsic** [GS08b]. **eye** [EH08, GMMR07]. **eyes** [CS08, How09].

F [NMH07, NM06, NM06]. **F-actin** [NMH07]. **F1** [GG07]. **Fabaceae** [PCB07]. **face** [Unn09]. **faces** [KSB08]. **facilitates** [PM07, SA07c]. **Facilitation** [MS08a, BFGD07, CXM+09]. **facing** [CS08, How09]. **factitious** [RKF06]. **Factor** [BPV01, FFN00, KMP03, Wil01, BM06, CZM09, PE04, PSJ04, SMPM09, VGS+05, WOLS07, WWS+06, YYA09]. **factorial** [DMW04]. **Factors** [CD00, FMP01, HIN00, Jam01c, PB07, VW00, Yam03, BL08, CHdV06, FS04a, RG06]. **Facultative** [NSM02, YK03, Ezo09]. **FADH** [MS01a]. **failed** [MG09]. **Failure** [ZCC01, BLZ07a, BLZ07b, Smi08d, TSC04]. **Fairness** [Här07a]. **FAK** [CLB05]. **FAK/Src** [CLB05]. **Falciparum** [GLK+02, DEM+00b, FVP+07, MB05]. **false** [HH04b]. **Families** [Jam00, RMAI06a, RMAI09]. **Family** [TL02, Bog04, BKKR08, CZC05, KTE08, LZ09b, PCB07, SLH05, YMLK04]. **Family-structured** [TL02]. **far** [ES00]. **farm** [XFBC07]. **Fas** [OAKC08]. **fascicle** [LW08a]. **Fast** [Cin06, PAD00, KH09c, MSdlPS09]. **Fast-tracking** [Cin06]. **fastest** [TIN07]. **fastidiosa** [VRAF06]. **fasting** [BGG+09]. **fat** [Alp05, CTB09]. **fate** [AMP06, BFK08, FFHK09, LCL07a, PWZ09]. **Fatigue** [Mar03, Tay00, ZCC01]. **fatty** [BKD+06, BGG+09, Hul05]. **favor** [KOK06, NBT07, Ped07]. **Favour** [Di 00c]. **favoured** [SPF08]. **fd** [AHT+07]. **fearfulness** [JZST09]. **Feasibility** [BGP00, HH08]. **feasible** [CK08].

feathers [DFW$^+$07]. **feature** [LZ09a]. **Features** [BS00, APS08, CCZC08, LZ09b, PWZ09, UKY$^+$09]. **February** [Ano00p, Ano00r, Ano01u, Ano01-28, Ano02s, Ano02y, Ano03-34, Ano03-38, Ano04-54, Ano04-42, Ano05-47, Ano05-53, Ano06-48, Ano06-52, Ano07-43, Ano07-49, Ano08-44, Ano08-48, Ano09-38, Ano09-44]. **fecal** [IGHW07]. **fecundity** [AC07b, SS03]. **Feedback** [CA09, CSS08, CD02, ESGK02, KCA03, TMS00, UHK01, Zhi02, AN09, FM06, GC09, KL09, LWC09, LJL08, RGF$^+$08, RK06, RCS05, SZ04, SA05a, SHI03, SSF09, TZS07, WCA06, XK07, XT06]. **feedbacks** [BDBR07]. **Feedforward** [KH09c, HJ05, SHI03]. **Feeding** [COS01, LPJB$^+$08, RPNH03, SKY09]. **feet** [BR09]. **Feline** [FPL03]. **Female** [BFA08, Dus00, Cor05, FHL$^+$06, PDM04, SWI07, Wak05]. **female-biased** [Wak05]. **Females** [NS03b, BP03, CMCH08, GOP09]. **femur** [SB07]. **fermentation** [ZC09]. **Fertility** [FSL03, GRW03, MI08a, MI08b]. **Fertilization** [Nir02, FWLN04, LHDvdM04, MA03a, SK09a]. **Fertilizations** [FSL03]. **Fetal** [De 02b]. **fetus** [Buc04]. **FGF** [FWCN05, GP08a, GFWT04]. **FGF-2** [FWCN05, GFWT04]. **Fiber** [DSCD02, SHF02, HdGH07, KH09a, PC09b]. **Fiber-Forming** [SHF02]. **fibers** [CSON$^+$05, Tas05]. **fibre** [DWBB04, KH07a, VTC08a, VTC08b, WBD$^+$09]. **fibre-enhanced** [WBD$^+$09]. **Fibril** [FW00, GMAH07, ZZW07]. **Fibrillar** [SHF02]. **fibrillation** [JB04, RK05]. **fibrils** [GHA03, GMAH07, QXDW06]. **fibroblast** [KH09b]. **fibroblast-controlled** [KH09b]. **fibroblasts** [AGW$^+$06, AGW$^+$08]. **fidelity** [SA08a, Xie09]. **Field** [CSM02, CRR08, GKK06, LS03, LS04a, LB06, OHM05, SP07b, Wal08, WKB07, WKRD09, vAR09, vAGDR09]. **Fields** [HFGB02, KFG$^+$02, LFLM00, Lin01, Ben03, ES08, JA05, Lew03, NOT04, Pie09a, YLCW06]. **fighting** [MH05]. **FIH** [DMPP09]. **filament** [BEF$^+$06, BLF$^+$09, DECEK06, GP08b, LCL03]. **filiform** [CGKC07]. **filling** [BBSLN06, BBSLN08, HTN04a, HTN04b]. **filter** [SSK06, vdBR03]. **filtering** [HQP$^+$09]. **filters** [MWCS04]. **fim** [CB07a]. **final** [TK09a, TK09b]. **Find** [Kru02]. **Finding** [Hot03, PLH05, SSM09, Ten08, TKN07]. **fine** [CLS08]. **Finger** [Jam01a]. **Finger-length** [Jam01a]. **Fingerprint** [KN05, LZ09a]. **Finite** [JMB00, KN03, Paw07a, SNT03, BBSLN06, BP08, DGS09, FP07, FAW06, Fuk05, HA09, LL08, LT09, LME06, WT07]. **Finite-Element** [JMB00]. **Finnish** [Hel08]. **Fir** [AF02b]. **Fire** [FLBB01, LL05, UL06, VL09]. **Firing** [PB02, WKRD09, FL03, LL05, WCLL08, vAR09]. **First** [BGE05a, For00a, FY00, Gra02, PBB03, Tho00, TGR$^+$00, WL02, BGE05b, Maz08, Tak06, vdGMG$^+$09]. **First-Order** [TGR$^+$00, FY00, PBB03]. **First-World** [Tho00]. **fischeri** [KH08]. **Fish** [Arm01, IK02, Kov02, CKE06, FM07a, GBK$^+$07a, GT06b, HMP04, ILDP04, LP07c, Niw04, Niw05, QASL08, QSAL08, RBP$^+$09, Ver04, YM04, ZKH$^+$05]. **Fisher** [LH06, Orr06, SLH05, Wax06, Wax09]. **Fisher-curves** [SLH05]. **Fisherian** [Win06]. **Fishes** [COS01, Wes03]. **fishing** [BR04]. **fission** [BS05a, ZSZ$^+$06]. **fit** [SH08b]. **Fitness** [CSFH$^+$01, GRG02, RGG00, SL00, AH03b, AHT$^+$07, AH08, Ait08, DGZ07,

FLG+07, FP07, FZ07, FLS+04, GCP04, GINT09, Gra06, GPG07, OBPH+08, Orr06, TDW07, WR07a, WN05, WC07b, vV09]. **fitness-associated** [WR07a]. **fitted** [LVL08a, LVL08b]. **Fitting** [AH08, BEF+06, GFW+09]. **FitzHugh** [ACK00]. **five** [GR05]. **five-link** [GR05]. **Fixation** [HA09, Wax09, KK06, MB09, PW09a, PM07, TIN06, TDW07]. **fixed** [BLS+09, Fuk04, SH04]. **fixing** [PBT02]. **flagella** [Dru03]. **Flagellar** [Ats01, Kee05]. **Flapping** [TT02, TT03]. **flare** [ITM+07]. **flare-up** [ITM+07]. **flattest** [SES08]. **Flavonoids** [ABP+00]. **Flexibilities** [SHF02]. **Flexibility** [IK02, TL00, LCBTP03, RSSM06]. **flexible** [CM03, KLL07b, MS03a, MGT+06]. **fliers** [RH04]. **Flies** [FDG02]. **Flight** [Ale09, SP01, TT02, TT03, TT01, BEBV03, CF07, LZGL03, Lor06, OST09, PBR01, RRS+07]. **Flights** [PE00]. **flock** [LPC06]. **flocks** [BZM05]. **Floral** [MT06a, MT06b]. **Flow** [AF02a, AF02b, Bar01, QB00, SNCM09, SNT03, AB04, BGE06a, BGE06b, DS05, ES08, FFTS09, FM06, HC07b, HH06c, KNS05, LMF08, Mei05, PDB08, RGB06, SLIL07, SZLK+05, Smi08a, SS05b, WBR08]. **flow-induced** [DS05]. **flow-tissue** [SS05b]. **flower** [EW09]. **Flowering** [GBCC01, GHC03]. **flowers** [MT06a, MT06b]. **Flows** [FGH01, SKY09]. **flu** [ITL09]. **Fluctuating** [PKL01, HF03a, MB06, YHI03, YHI04, YHI07]. **Fluctuation** [BL06b, YMC01, KF06, Kut05, Lei09, Lei10, MI08a, MI08b]. **Fluctuation-induced** [YMC01]. **Fluctuations** [PE04, Lie05, MAL03, PTFF05, SC03, dSKL09]. **Fluid** [COS01, DF00, SNT03, CGKC07, GCB+07, LCL03, Lap03, SKY09, WTC09]. **Fluorescence** [Laz03, GZL+03, LIK+05, LJ09b]. **fluorescens** [FFME08]. **Flux** [BKF00, CSP01, SS09b, Agu08, Che06b, FMI05, Gie03, HTCS07, JD09, LP07b, MSSS09, SPAH06, WMP03, WFGP04]. **flux-summation** [Agu08]. **Fluxes** [DLGC02, Lan00b, OCA08]. **fly** [ST03]. **flying** [Bye09, Iim07, MA03b]. **focal** [SMCT08]. **focus** [DHRM08, KS08b]. **folate** [AIKP06]. **fold** [SC09]. **Folding** [Dem02, GAA02, LRD04, NJVA04, AH08, BKKR08, CXZ+09, For07a, HQP08, MLWL06, NSH+03, NSG08, PBMU+09, RGPB08, ZXWF08]. **folding/unfolding** [HQP08]. **Folds** [DML02, BM03a, Shi06a]. **Foliar** [HG08, JJEX09]. **Follicular** [HBLG02]. **follow** [GDD+03]. **followed** [FHD09]. **Following** [UI02, BFGB04, BFG05, Dus01, LGB03a, Lit07, MPL06a, NKC+08]. **Food** [Bar05, CC01b, DHM01, Est07, Går00, GDS07, Har02, II06, JSV02, KJJ07, LBS06, LBJE03, MS02, RMAI06a, RMAI09, TTR00, VDV00, AP04, BDBR07, Bal04, BRCB04, BLMV05b, CSA07, DI09, DMQ04, FV09, GD08, KGD09, KJD05, KRGH07, Kon06, LM08, MB07, Paw09a, PM08, PB09, RMAI06b, UD07, Van06b]. **Food-web** [GDS07, II06, BRCB04, Kon06, RMAI06b]. **foodchain** [GEF04]. **Foot** [TK09a, TK09b, KH07b]. **Foot-and-mouth** [TK09a, TK09b]. **footprinting** [YMLK04]. **forager** [AO03b, HC07b]. **Foragers** [Bea00, RHG00, DBGM08, HMGK06, PBR01]. **Foraging**

[PE00, SCH02c, YHG+02, CM03, JR06, KGD09, KHHS09, Kon06, KV04, LNRR06, MSH05, PB06, RRH08, SSR04, VTG+06]. **Force** [Nie02, Pro03, BB06b, DO04, HQP+09, KSG03, LN05b, RSB09, Wes03]. **Forced** [KVMV01, CD07, NAS07]. **forces** [CABB09, KS09, ML09b, NSG08, SP07a, SS06c]. **forcing** [BGO08, GN07, MS03a]. **Forecasting** [XBGN05]. **foreign** [Buc04]. **Foreignness** [vdBR04b]. **Forest** [SI00, SI04a, BK05, SIHH04, SI06, XBT09]. **forested** [SLIL07]. **Forests** [PPL+00, BLL08, PAA05]. **forever** [SS06d]. **form** [BGD+06, HI04, KWGE04, Sac04a, Usa06, Whi05]. **Formal** [Gra02, SSWF01, BCRG04]. **Formation** [BS05c, Bro02, Car02b, Cum00, DL00, EKS02, FW00, JG01, KW00c, Kra02, Moc02, SCGFS00, SWS02, WB02, ACL03, ACLW03, ARR08, AGZ+06, BLF+09, Ber03, BI09, BC02, BSJ04, CKM05, Cog06, Cog07, DVC+04, FI06, FM06, GBK+07a, HKP07, IHV+06, II06, Joh08, KLN+09, KN05, LDW04, LF08, MNI06, Mig06, NS09b, NOT04, PAA05, RN07, RM04, RRR+08, SJGK04, She06, SP07b, Uit09, UI04a, UI04b, UMI09, vVH07]. **formations** [SPH03]. **formats** [RNS04]. **Formed** [LSMLB+02, SIMK02, FZ04]. **Forming** [SI00, SHF02]. **Forms** [DML02, BM03a, DSS08, GEF04, SP05b]. **formula** [AH03b]. **Formulae** [AH03a]. **formulas** [HC07a]. **Formulation** [CMS+00, Kor01, AWW06, LJ09b, NTU06, OS03]. **Forsdyke** [KRN01]. **forward** [BB06b, CS08, How09]. **forward-facing** [CS08, How09]. **fossil** [Di 06a]. **fossils** [Par04]. **Found** [SHF02, BKKR08]. **foundations** [QASL08]. **Founder** [PNG03]. **Four** [FLBB01, DSU+04]. **four-dimensional** [DSU+04]. **Fourier** [DVL+00, HQP+09]. **Fractal** [Gar04, QB00, Zam01, Ben04b, PPRI08, UCSZ07, ZYD+05, CML08]. **Fractal-multifractal** [CML08]. **Fractals** [PPR01]. **fraction** [Han04]. **fractional** [HCM+07]. **fractionated** [SSB+07]. **fractionation** [DSU+04]. **Fractions** [KKDV01, BSJ04]. **Fracture** [BPV01, GGV+08, GBGAKD05, IvDH+08, THL03]. **fragility** [CAS05]. **fragment** [ZZW07]. **fragmentation** [CSM05, FPBM08, Kon03]. **fragments** [SV03]. **frame** [PV08]. **frameshifts** [Sel07]. **Framework** [BPV01, PN01, CB08a, CSD04, Cui07, Hor08, KI04, KI05a, LFC04, MH09b, MGT+06, MSL04, PP04, Rej07, SWN07, SN06, SML07, SML08]. **Frameworks** [LK03]. **France** [SGS+05]. **FRAP** [TR08]. **fraternal** [Bog04]. **fratricide** [AB03]. **Free** [Bak04, Bea00, CW08a, RGG00, AH08, CL05, DO00, Fer09b, FR06, FM07b, IiKY07, KB04, KBD06, KHHS09, MS08a, MA03a, MNL+07, PBMU+09]. **Free-living** [CW08a, KB04]. **Free-running** [RGG00]. **free-spawning** [MA03a]. **freely** [Iim07]. **Frequencies** [HGB+00, Cib08]. **Frequency** [AJOK09, CGH01, Ken02, LAD03, SVS+02, SCS04a, TL02, YK03, YLL00, YL00, BR01, BFR05, Fli05, GBZ06, Izs05, KGL09, O'K05, PB08, RHF07, She06, Sta08, SFC+09, WVA05b]. **Frequency-Dependent** [YK03, YLL00, CGH01, TL02, YL00, BFR05, KGL09, O'K05, PB08, She06, WVA05b]. **Friendship** [HH06b]. **Frog** [AN09, ZAB+09]. **frontness** [Nar06b]. **Fronts**

[Sch02b]. **frq** [BMT04]. **FTTP** [YDL06a]. **fuel** [Lin04, dBWBP06]. **Fuji** [AH03b]. **Fuji-type** [AH03b]. **Fulfilment** [DS00b]. **Fully** [DALP03, JEDH08]. **Function** [CACC02, SLP00, BBB+07, DB05, DHP06, FCD+05, GZG07, Här07a, HMN09, HPZ09, LWC09, LJL08, Men07, NS09a, NAV04, NAS07, PCZL05, PCZL06, PWG09, RGFP07, Sar04, WH07, ZAdlPLM07]. **function-valued** [DHP06, Men07]. **Functional** [BFP07, BJD+02, DSY01a, DSY01b, FKAC06, Kal00, KA02, Kun00, Laz02, LDW09, Noe00, Phi02, WRF01, AIKP06, Bon04a, Bon04b, CC06a, DMQ04, Kam03, KSS07, KV04, LLS+09, LLW09, SC09]. **functionalities** [DHYHR09]. **Functionality** [NA02]. **Functionally** [RKH+06, DLB07]. **Functioning** [LLF02, SWN07]. **Functions** [FPC01, Rae02, BRC07, Ben04a, CZM09, GMY09, GZ04, HWCF07, PBB03, RGB06, vLBJK07]. **Fundamental** [YL00, PHP03]. **Fungal** [GBG01, TKM06]. **Fungi** [BJD+02, DO00, GG02]. **furrow** [AGZ+06]. **Further** [Di 03b, Kan05, Kan06, Kan07]. **Fusco** [PKA02]. **fusion** [BI09, CCZC08, MD08, ZSZ+06]. **fusion/fission** [ZSZ+06]. **Futile** [JBP02, BH03b]. **Future** [Ste00, KY03]. **Fuzzy** [SYC06, BZM05, FLWB07, GKNT09, LM09]. **fuzzy-logic** [FLWB07].

G [CHN08, FBM06, FM09, KRN01, ØKRG04, BTL08, BCL08, BNT+00, KOK06, OF01, WKG03, WKL01, WL04]. **G-CSF** [FBM06, FM09, ØKRG04]. **G-Protein** [WKL01, BTL08, BCL08, WL04]. **G-protein-coupled** [OF01]. **G1** [Coo01, CLW+08]. **G1/S** [CLW+08]. **Gaia** [Sta02, Sug02]. **gain** [CSS08]. **gains** [SHI05, SHI06b]. **gait** [BSGT08, GSB05, KSPA+08]. **gaits** [BD08b]. **galactose** [SSK06]. **galloping** [RBS05]. **galvanotaxis** [OOHI06]. **Game** [Bea00, BK01, Di 00c, FZ07, MSWH00, PN01, YL00, Arc09a, BC02, BLRR08, CCC08, DT06, Ezo09, Här07a, HB09, Has06, HA09, Hur06, KAI08, KNS05, LL08, LJTD05, MDD06, Mar09a, MT06a, MT06b, MH06b, MGS09, NS03a, OT09, Răd08, RKF06, RKOS09, Sch05a, SA07c, TPN07, Uit09, WZL+08, WVA05b, YPY+09, YAL04, dSKL09]. **Game-theoretic** [MSWH00, BLRR08, HB09, MGS09, RKF06]. **Games** [BP00, BS01, Cro00, HDHS02, HNO03, Roy00, Ste00, WB02, ATO+09, ANT09, Apa09, BHC06, BP03, BC04a, CS06, FP07, Has06, HH08, Jäg08, JG06, Mas08, Mie05, PTN06, PTON08, SN09, SPS09, SA08b, SSS08, TAN09, Wak07, WN05, WVA05a]. **Gamete** [Dus00, Dus06]. **Gametocytes** [DEM+00b]. **Gamma** [FCD+05, RWR00, GBZ06]. **Ganglia** [KFG+02, vAR09, vAGDR09]. **ganglia-thalamocortical** [vAR09, vAGDR09]. **Ganglion** [BKCR01, MRJR09]. **Gap** [Ano01b, GS00, HP00a, MY01, PAD00, ST01, AD06a, DBB09, GBGAKD05, PAA05, PAA07, SI04a]. **Gap-gene** [Ano01b, ST01]. **gapped** [LBCL09]. **Gas** [SBH01, WGH01, BT06, BTS08, KRN03, SWRH03]. **Gaseous** [CB00]. **Gases** [Wal00]. **Gastric** [KKDV01, JK04]. **Gastrin** [RB02c]. **gastrocnemius** [LW08a]. **GATA** [RG06, YCS04]. **GATA-1** [RG06]. **GATA-3** [YCS04]. **gated** [Gre05]. **Gating** [KSM02, WT01, HS07, MTS05].

Gaussian [FLG+07]. **Gaussian-distributed** [FLG+07]. **GB** [NTK02]. **GC** [MX08]. **Gel** [Tas02]. **gels** [Tas05]. **gelsolin** [MO07]. **geminiviral** [PCB07]. **GENE** [BZ05a, AIK00, BKMH07, CdOWS04, CS02, CSP01, CP03, DMPP09, Eld00, FC01, FB01, Gin03, HCC00, HR00, Ish00, Kun01, Kun03, LSD+00, MS01b, SCGFS00, TG09a, Aba09, AKLS05, ACK08, Ano01b, BM08, BZ05b, BLS06, Bra05, BOvD08, CZC05, CSW+08, DGM05, EPR07, HAC+09, HE08b, HC07b, IYGA08, IS08, IZGG05, KMC+07, KK06, KZ05, KLL08, Kun05, Kun06, LS04b, Lei09, Lei10, LPMC+06, MSP03, Mar09b, MI06, Moc05, Moc08, MA04, MKA05, NS09a, NTU06, Nar06a, NP07, OW07, OS06, PSSS03, PHG04, PE04, PHdB09, RKYH06, RRK06, RK07, RAHO06, RCS05, ST01, SBPC05, SVS04, SVGK07, SR08, SP06, SBZ+08, SHI03, SM03, SCS04a, SVN+05, Tan08, Tao04b, TZS07, WLZ+06, WSS07, Wil06b, WW07, XSD+05, ZAD07, vLHH06, BZ05b]. **Gene-based** [BKMH07]. **Gene-culture** [Gin03]. **gene-duplication** [BLS06]. **gene-for-gene** [OS06]. **gene-modified** [vLHH06]. **gene-orientation** [SM03]. **gene-protein** [ZAD07]. **genealogical** [MCF04]. **Genealogy** [DMZ00, FB01, RSBY03]. **Genera** [RH02]. **General** [LRHB09, OSCK01, Pie09b, SKW00, TGR+00, Tsc00, VGCGM+02, WC02, CB08a, GBK+07a, HH04a, LFC04, LSH06, LHDvdM04, MLWL06, PCK+05, SWN07, VGMVR+06, MWS09]. **generalise** [Ded09]. **generalised** [RH08]. **generalist** [vdBvdB09]. **Generalists** [Wah02]. **Generalization** [Ghi02, WYC06]. **generalizations** [Kan05]. **Generalized** [ACCC00, DLGC02, DFC+02, GDPMDS+09, HG02, HW09, PN01, PC02, SV05, CY09, DTG09, DW05, HGC03, Kan06, Kan07, Kri09, VTC08a, VTC08b]. **Generalizing** [RHH08]. **generate** [PFRR08]. **Generated** [HFGB02, AP04, DO04, FK03c, LFFT06, SI05]. **generates** [SH03]. **Generating** [SKY09, CFM04, ZKH+05]. **Generation** [Ber07, Nie02, UI02, Wil09, HFS06, INSR08, JDMZ+07, Koh07, KA03b, LFC04, NSI08, SSJ09, SCH02c]. **generic** [Ban06, JJEX09]. **Generous** [RON09, Sch09]. **Genes** [De 02b, LN02, LY02, AO03a, AD06a, AS09, Ded08, DZB+04, Di 06b, Di 08, Fol08, GMM09, IMKN05, Ken07, KSN03, MX08, Mit04, PWZ09, PER03, SP06, TYI+06, YDFQ05]. **Genetic** [AGCLMM03, AAK+09, BMS06, BHJ03, CDF00, Cha01b, Che06a, Ded09, Di 00a, Di 01a, Di 01b, DM00, GS02c, JP00, KS01b, KCA03, Leh00, MWCS04, MAB00, NMI06, QA01, SVS04, Ste02b, WM00, WMLC02, ABKR07, AD07b, BW06, CAS05, Che03a, CL09, Dav09, Ded08, Di 05, Di 09, DSU+04, Fol08, GNH+05, HK09, HL06, JS07, KF06, KYZ+08, Kau04, KOT07, KS04, LRD04, LKK07, LMT05, LFFT06, MWS09, MM08b, MGT+06, NAP04, NP08, OM08, OB04, PLH05, Pat05, Poh08, QB06, Rak04, RHF07, RB08, SVGK07, SH08a, Tao04a, TB04, Tlu07, TKKA04, TC09, VGDSU09, WCA06, Wil09, XT06, ZF06, ZRSK07]. **genetic-component** [VGDSU09]. **genetically** [FLG+09, MGL+06b, RBW09]. **Genetics** [FPS01, MK01, Möh00, OSCK01, PV00, PBT02, TH00, Cam03, IMKN05, MW07, UH09, WW05a, Win06]. **Genetics-the** [Möh00]. **Geneva** [CAHH06]. **Genome** [Ano04b, Che03b, GKM+00, LN02, PPEøP02, SP00, ZSZ+06, Cui07, FP03, FSS06b, Fuk04, Fuk05, GS06, Gar04, GGK05, HK05, QHF+07, SWB06, WLZ+06, ZYD+05]. **Genome-Scale** [PPEøP02, SP00, FP03]. **Genome-wide** [ZSZ+06, Cui07, GGK05, QHF+07]. **genomes** [Ben04a, FM03, MX08, MBB08, OAC03, RSH+06, TSS06, Wil08b]. **Genomic** [GK00, Kro08, WH03, LVL08a, LVL08b, NA03, SRS09, Voi03, Wil06a]. **Genotype** [MDD06, Pec06]. **Genotype-Phenotype** [MDD06, Pec06]. **genotyping** [LS04a]. **Geobacteraceae** [YMLK04]. **Geographic** [LNRR06]. **geographical** [ITLN09]. **Geometric** [Gin00a, BHWB05, KSG03, Orr06, SS09b, XWC08, ZLXY08]. **geometric-shape** [KSG03]. **Geometrical** [LH01, Nos06, RMBM00, TN04, Wax06]. **geometries** [Tak06]. **Geometry** [Cum01, HL00, JBK04, LF01, CM09, KC05, PAA05, SML07, SML08, Wax06]. **Georgia** [Ano01-33]. **germ** [CWJ07, GZ04]. **Germinal** [IM02, KS01c, MHDOG01, MH02, KD03, SBZ+08]. **germinating** [OF05]. **germination** [NAV04]. **Germline** [Zhi02]. **gestation** [Jam08b]. **getting** [Cyt04]. **giant** [LRT04, Rap08]. **Giardia** [Fer09b]. **giraffe** [MBD08]. **Girdling** [FGH01]. **given** [AC07a, BE08, MH06b]. **gives** [FSG00]. **Gland** [KKDV01, SVS+02]. **Glandular** [KKDV01]. **glass** [Won05]. **Gliding** [TT01, KKPB09, OST09]. **glioma** [KLN+09]. **Global** [CC01b, FMP01, GBB08, LYZ08, OI07, JB04, LLS+09, MHRK08, PAA07, Wal07a, WMS08b]. **Globeflowers** [FDG02]. **Globular** [AH03a, ZSZ01, BC04b, JNWJWB04, ROR05]. **glomerulus** [Saf05]. **Glucagon** [RB02c]. **Gluconeogenesis** [JBP02]. **Glucose** [AMV+02, RBBH02, TMS00, TPD+00, JCK09, LKM06, LT08]. **Glucose-induced** [AMV+02]. **glucose-insulin** [LKM06]. **glutamate** [BFG09, Saf05]. **glutamatergic** [BFG08a]. **glutathione** [MCMS06]. **Glycogen** [GBD00, FKAC06]. **Glycolysis** [JBP02, KSB08, NO04, NM08, SRR08, dPCP+08]. **glycolytic** [GA08a, KR05, RvMK+05, WB04]. **glycoproteins** [AS07]. **Glycosides** [Kal00]. **GNC** [LRD04]. **GnRH** [KPS02]. **Goal** [FPC01]. **goals** [RSSM06]. **Gompertz** [Gol09, Lo07]. **Gompertz-Makeham** [Gol09]. **Gonadal** [Jam01c]. **gondii** [KCP07, KCP09]. **Good** [HDHS02, BS06, HH04c, HH05b, JG06, TK09a, TK09b]. **goodness** [OI04, OI05]. **goods** [KAI08, Wak07]. **Goodwin** [RVMR01]. **gorgonian** [SZC+03]. **Gorshkov** [BDMR06]. **govern** [Gra07]. **governed** [BR04]. **gp120** [Lan00a]. **gracilis** [HP00b]. **grade** [KJJB07, LAG07]. **graded** [DMPP09, PE04]. **Gradient** [BGP00, Ben03, HKP07, KI04, KI05a, MGS08, MM03a, NM09, NSI08, Nar06b, SMNL07, SN04, VN07]. **gradient-sensing** [SMNL07]. **Gradients** [Dus01, Har01, Wal00, CXM+09, Gie03, Gie06, Sav04, TBCD06, ZLN07]. **Graft** [RMBM00]. **Grain** [LY00]. **gram** [Kun03]. **gram-positive** [Kun03]. **Grammar** [KNN01, JPJ06]. **Grant** [Jam08a]. **granule** [Saf09]. **granulocyte** [ØKRG04, VGS+05]. **granuloma** [SJGK04]. **granulopoiesis** [VGS+05]. **Graph**

[RSD^{+}01, FABdC04, GBD06, MMUGD09, OPN07, PBMU^{+}09, VN08]. **graph-based** [VN08]. **graphical** [DqLmW07, LDXW06, QWQ07, YSW09]. **graphs** [GDPMDS^{+}09, KST07, LTW06, ON06, ON07, ON08]. **gravitropic** [AF09]. **Gravity** [SBvS06, FPM^{+}06]. **grazing** [CQLV^{+}03, HFY07, YFH^{+}07]. **great** [CAHH06]. **Green** [Möl02, HHH06, LY03b, NAS07, PWG09]. **gregariousness** [vKPdR07]. **Grey** [HDRM00, DBG06]. **grid** [SI06]. **grid-based** [SI06]. **grip** [SBvS06]. **grisea** [TGT06]. **Grober** [EK08]. **groove** [AAL08]. **grounds** [KRB05a]. **Group** [BR02, DPA03, OMT03, PT09, Pep00, VMW01, WB02, vV09, Arc09b, BR09, BFA08, Chu08, DPA05, DBF07, Fer09a, FSS06a, JG06, MNL^{+}07, NDD08, Niw03, PBR01, Sch08a, Sch09, ST05, Uit09, YYY^{+}08, vV06, vVH07]. **Group-beneficial** [DPA03, DPA05]. **group-level** [Chu08, MNL^{+}07]. **Groupings** [BW01]. **Groups** [BZ00, CKJ^{+}02, BBK04, CLMMP06, FZ04, LAG09, MM09, Rot09, SA07b, Toy09, VN08, dFG08]. **grow** [PBC09a, YOYT07]. **Growing** [BLS06, For02, KMH00, BL09, HI07, Har07b, JCW^{+}03, KS09, KY03, MSMKM06, SZLK^{+}05, SSD09, WBR08]. **Growth** [AMW00, BPV01, BP01, CAF03, CABB09, FFN00, HHR01, IKS00, KS01a, KTCD00, KTH^{+}00, KiHM^{+}03, Kra01c, MLMW01, MSI01, PGLG01, RFH^{+}02, RNP04, SS01, VG01, Wel00a, ALSM06, ABM03, AG06a, ARR08, AM04b, AM06, AD06b, BS05a, BKMH07, BM06, BR06, BCKE^{+}08, BC06, BGD^{+}06, BdOP06, CKS04, CW07, DCP^{+}08, DF08, ES08, EHG03, EH08, FPM^{+}06, GA07, GA09, GT06a, GT03, GCH^{+}07, GDD^{+}03, GDC^{+}06, GC09, HEH^{+}09, HVN07, KGG08, KH07a, KH09b, KRB05b, Lap03, LKW06, LDW09, Lo07, ML07a, ML07b, MAL03, MFI09, MHKS03, MHKS04, MJ07a, Nar06a, NP07, Nie06, NP05, Osb08, Paw07b, Paw09b, Pie09b, PA09b, PA09c, PSJ04, QASL08, QSAL08, ROR05, Rej07, RSC^{+}06, RLCIB05, RBP^{+}09, SMPM09, SGGM05, SMCT08, SSD09, SZLM09, SKS09, SP07b, TTT09, TKM06, VN07]. **growth** [VHF06, Wak04, WWS^{+}06, WBH04, WBR09, WLFC08, WAL06, Yan08, YHM^{+}06, YS07, Zac09, ZAdlPLM07, ZHB04]. **GTP** [BNT^{+}00]. **GTP-Synthase** [BNT^{+}00]. **gTWH** [Kan06, Kan07]. **Guanine** [NTK02]. **Guide** [Gin03]. **guided** [AJSL07, PER03]. **Guo** [Sch08b]. **gusts** [USTG09]. **gut** [PBC09b].

H [NM08, RGF^{+}08, KG06b, GB01]. **H-NS-mediated** [RGF^{+}08]. **H-transporting** [NM08]. **H.** [CS09, DT07a]. **Habitat** [FR06, Kaw01, Kon03, OKTS02, PPL^{+}00, Sch00, SFS^{+}01, AWO^{+}09, FL09, ML08a, ML08b, ZJ06]. **habitat-based** [AWO^{+}09]. **Habitats** [WZL00]. **Haemophilus** [LKC07, Mac00, PPEøP02, SP00]. **Hair** [HBLG02, MDCC06, MAB00]. **hairpins** [JPJ06]. **hairs** [CGKC07]. **Haldane** [For00a]. **half** [APL08, dQW07]. **half-lives** [APL08]. **half-sites** [dQW07]. **Halobacterium** [CR02]. **Hamilton** [Row06, vV07]. **Handedness** [Jam01b, Kel01, Laz02, BFR05]. **handicap** [De 03]. **Handicaps** [NS03b, Szá03]. **handled** [KV04]. **handling** [Saf09]. **hantavirus** [AWO^{+}09]. **haplo** [YY06]. **haplo-diploid** [YY06]. **haploid**

[Fuk05, JWH08, SP05b, TSS06]. **Happens** [SSA00]. **hard** [NGMS08]. **Hardness** [AHCN07]. **Harmonic** [Raf02, Rak04]. **harsh** [CQLV+03]. **Harvesting** [Bra07, Nik02, MS08b]. **having** [CMG06, SI09]. **hawk** [AKdlPP06, NS03a]. **hawk-dove** [NS03a]. **Hawks** [Cro00]. **Hayflick** [GKB03]. **Hazard** [HPZ09]. **HBV** [WWS08, XSD+05, XM09]. **Head** [ACK00, MV02c, MBD08]. **Head-on** [ACK00]. **head-raising** [MBD08]. **heal** [BLT03]. **Healing** [BPV01, CS00, CLH07, GGV+08, GBGAKD05, IvDHI08a, IvDH+08, IvDHI08b]. **health** [AAK+09, CHCC+04]. **healthy** [vAR09]. **Heart** [DO01, See00, GG09, OD03, SNCM09]. **Hearts** [Hok00]. **Heat** [BKF00, Kan01, See00, DFW+07, LMF03, PGN08, SZ09]. **Heating** [See00, HD08]. **Heavy** [Sco00, GVB+08, IPY07]. **Hebbian** [RCA09]. **Height** [Hel08, MS06a, Pen03]. **Heinrich** [NM08, CB08b, CB08c, Maz08, MH08, Rap08]. **helices** [HK05]. **Helicobacter** [JK04]. **Helix** [ZSZ01, Kur07, Kur08b, YDL06a]. **helix-helix** [Kur07, Kur08b]. **Helix/Strand** [ZSZ01]. **Helle** [Jam08c]. **helminth** [BIB07, PBC09a]. **helminths** [PBC09b]. **Help** [EKIL01, WJ01]. **Helper** [AWJ02, Lan00a, Wod01, YBV+00]. **Helper-dependent** [Wod01]. **Helper-independent** [Wod01]. **helpful** [BdSFFDMC09]. **Hematagenous** [Ano01g]. **Hematogenous** [Ken01, Ken02]. **hematopoiesis** [CM05a, CM05b]. **hematopoietic** [RG06]. **Hemimelia** [Hay01]. **hemodynamic** [GMK06, KHE06]. **hemoglobin** [TGV+07]. **hemoglobin-based** [TGV+07]. **hemoglobins** [Sar04]. **hens** [PMB06]. **heparan** [FWCN05]. **Heparin** [FFN00, MJW00]. **hepatic** [BKM09, BGG+09, TWO+09]. **Hepatitis** [TBR08, AM09, CRNP07, DLRP07, Jam07]. **hepatocyte** [SMPM09]. **Hepatocytes** [GTG01, MGP+08]. **hepatopulmonary** [CBB07]. **Herbivore** [LLF02, KYS06, ZJ06]. **herbivores** [Kon03]. **Herbivory** [Gro02, Bal04, HFY07, IS09]. **Herd** [MKN02, VMW01, VMW02, GLE+09, IGHW07, LGS+09, NDE06, RV05, TBB+06, TBC+08]. **herds** [JBK04, Wil08a, XBCF05]. **hereditary** [GV03, TG09a, dBCP+07]. **Heredity** [KY02]. **hermaphrodite** [PM09]. **hermaphrodites** [CH07]. **hermaphroditic** [Sat04]. **Hermaphroditism** [EK07, EK08, GR08b]. **hermit** [SS06b]. **herpes** [HHP05, NS09a, PBHS05]. **Hes1** [MM08b]. **Heterochromatin** [Gru00]. **Heterochronic** [CACC02]. **Heterochronies** [Cub00]. **Heterochrony** [Kov02]. **Heterogametic** [For00a]. **heterogeneities** [CPM+09, KUK07]. **Heterogeneity** [BR00, CC01a, FLS01, Laz03, RMRG09, TTKZ01, CL05, CCM07, DI09, DDJ06, GKB03, HDF04, KJ08, MI08a, MI08b, TBC+08, Wil08a]. **Heterogeneous** [CAF03, Eng07, Gre00, KF03, MNL+07, PCS+06, SKN+03, SA01, BBPSV05, BGO08, CGF+08, CV08, GGPFM08, HSMM07, Kao06, Lin07, Man06, MSH05, Mas08, MSK03, PWK03, Pic06, SA05b]. **heteronomous** [HK05]. **heterotrophic** [MRC09, MKE+09]. **hibernation** [HA07]. **Hidden** [JW01, WT01]. **Hierarchical** [Ait08, Cha01a, FFHK09, MSS05]. **Hierarchy**

[BC02, Bro02, BMH07, CML08, DMH08, GGPFM08, SW04a]. **HIF** [DMPP09, KSB08]. **High** [CD05, Dus00, FTG07, Laz03, NS03b, TSK09, VTL05, WKL01, AC04, Dus06, HHH06, KJJB07, LJ09a, LAG07, ØKRG04, RMRG09, TBR08, Xie09]. **High-dimensional** [CD05]. **high-dose** [ØKRG04]. **high-fidelity** [Xie09]. **high-grade** [KJJB07, LAG07]. **High-pressure** [FTG07]. **high-throughput** [AC04]. **Higher** [GOP09, LY01, Nei01, RPB03, SL00, BRC+03, GS06, RGPB08]. **Higher-Order** [RPB03]. **Highest** [ISWT02]. **highlands** [Ait08]. **highly** [MS03a, Ped07, ZCD05]. **Hill** [TW04, TSRB08]. **Hill-type** [TSRB08]. **hindrance** [TN04]. **hip** [CTB09]. **histological** [Hol06, Izs05]. **histone** [Aba09, LDW05]. **historical** [SB07]. **Histories** [JE01, RTK02]. **History** [KKK00, Bul06, CW08a, MVS+06, MN07a, SCH05b, VA04b, Wit03, YKG+05]. **hit** [LCL07a, LCL07b, LL09]. **Hitchhiker** [Gin03]. **Hitting** [Mcn00, MN01]. **Hitting-distance** [MN01]. **Hitting-time** [Mcn00]. **HIV** [HM05, LGK+12, AWJ02, BRND09, CRB05, GSRC+06, HW05, HW06, HLS01, IMNT09, KW07, Lan00a, LGK+09, LYZ08, MBH03, MPOBD+09, MD08, MGP00, PPD09, PD01, RB02b, RGFP07, RP09b, STK08, Smi08d, Sne03, SCC+00, SRWL02, WSC02, WS02b, Wod01, ZT06, vLHH06]. **HIV-1** [LGK+12, BRND09, GSRC+06, LGK+09, MPOBD+09, PPD09, RGFP07, Sne03]. **HIV-directed** [WS02b]. **hive** [AO03b]. **HLH** [DFCL08]. **Hodgkin** [LSS06, OUPG09]. **Hoffmann** [Sch02b]. **holding** [Hur06]. **holds** [AH03b]. **Holistic** [Kal00]. **Holliday** [Xie07]. **Holling** [PCZL06, PCZL05]. **Holothurioidea** [Kal00]. **home** [GAK+06]. **homeoprotein** [HKP07]. **Homeostasis** [ESGK02, MRGADD08, Paw07b, Paw09b, PAH06, PC04]. **Homeostatic** [SML02, DdB03, MKS+09, YLM03]. **Homing** [Rei02b, Wal00, GRBR04, RGRB04]. **hominin** [Syl06]. **Homo** [SKR06a]. **homoeostasis** [SMH07]. **Homogeneous** [KF03, LP00, GA08b, JAHKH09, Lew03, Saf09, TDW07]. **homogenisation** [HGP+07]. **homogenization** [SJD+09]. **Homologous** [FK03b, OKS01, HFS06, LZ09a]. **Homology** [SN05b, WS03a, For07b, LGB03b, YTL08]. **Homosexual** [MKN02]. **homosexuality** [Bla04, Bog04]. **Homotopic** [JM07]. **Honey** [BHOR01, SB00, CM03, GHHR03, HD08]. **Honeybee** [AO02, AO03b]. **Hong** [CFCGCC03]. **hooks** [Kee05]. **Hopf** [BGF07, GK09]. **Hopfield** [PD00]. **Hopping** [ITT09]. **horizon** [VCBV+06]. **horizontal** [KZ05, KH09c, WS09]. **hormesis** [MV07]. **Hormonal** [Jam00, SHP09]. **hormone** [Leo07]. **Hormones** [Jam01c]. **HORs** [RGPB08]. **hospital** [UM08]. **hospitals** [DMO+07]. **Host** [BH01, FMD01, GS02b, KT01, LAD03, PGM00, RSBY03, SCH02c, SMG01, WKB07, WC02, ADHM09, AG06b, AM06, CVH03, CBR04, CW08b, DT07a, DMH08, DLM08, ETH04, FS04a, FLG+09, Fra00b, FPL03, GCP04, HI07, ING04, KSB07, KBD06, MCC+09, MWB05, MRF07, PCB07, PW09a, PCS+06, PSWK09, RDF03, RRS06, RGFP07, SH03, SCH05b, SI04b, SN07, TYW05, VWR07, Wil08a, WM04, XBT09, ZSF+07]. **host-cell**

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[Bra05, CWJ07, GNLEK07, PHG04, RLCIB05, Ste09]. **infestation** [LSD$^+$07]. **infested** [KY03]. **infinite** [Fuk04, Fuk05, GL09, VCBV$^+$06]. **infinite-time** [VCBV$^+$06]. **inflammation** [KCVC04, RRC$^+$06]. **inflammatory** [Agi04, DRV$^+$08, DRV$^+$06, RK06, RRC$^+$06]. **inflated** [CY09]. **Influence** [ASD08, CLMMP06, DHM01, GBGAKD05, KS01a, KNC$^+$04, Kaw01, LP01, OKS01, PD01, SVS$^+$02, Tof06, WH00, AB07a, BBKGP08, BCV$^+$08, BBD06, CB07b, DP04, Fox05, HF03a, HBWB08, KHL07, MJ07b, Ort06, SZ04, VN08, dVG04, dVG06]. **Influences** [BPV01, SBH01, TTR00, CW08b, HK09, HBS07, LDW05]. **influencing** [LTLM09, PB07]. **Influenza** [LF01, ABvdD$^+$08, CAHH06, HLA09, HDZ$^+$07, ITKL08, ITLN09, JITJ09, MSDM06, PLH05, RDC09, XAP07, BST05, BMD$^+$08, CY07, DHW$^+$09, HSC07, LACL03]. **influenzae** [LKC07, Mac00, PPEøP02, SP00]. **influx** [MM03a, NPN09]. **Information** [AMW00, BJ02, CDDW02, Car02a, FPS01, Gag00, JW01, KMP03, LFSG$^+$05, PN00, RC00, SSDM06, WJMH00, ZSS02, dM09, AVSHV04, Bon04b, DL08, FCP03, FK03c, GDPMDS$^+$09, JL06, Khr04, LH06, MM03b, PSM06, RHF07, RB09b, SPAH06, SLIL07, SC09, SF08a, SF08b, SSM09, ST05, Tlu07, VN08]. **information-processing** [Bon04b]. **Information-related** [dM09]. **Information-Theoretic** [CDDW02]. **Informed** [Wil09]. **Infrared** [JLS01, Bak07]. **infusion** [NKC$^+$08, SW08c]. **ingredients** [GKTN07]. **ingrowth** [MGAD09a, MGAD09b]. **inhabited** [SA05a]. **inherent** [MGL$^+$06b]. **Inheritance** [DRMLS09, HS00b, SSKL01, SLL06]. **inhibit** [MR03, PGH$^+$04]. **Inhibition** [BHOR01, Has01a, RGG00, AIKP06, CKS07, Hua03, JPJ06, Nar06b, SZ04, TKP07]. **Inhibition/Stimulation** [Has01a]. **inhibitor** [GABK08, MD08, WZW$^+$07]. **Inhibitors** [SHHD02, NLM$^+$08, VGMM$^+$07a, VGMM$^+$07b, VGMM$^+$08]. **Inhibitory** [EMS02, Wil01, CRB05]. **inhomogeneities** [LMF08, WBR08]. **inhomogeneity** [KC03]. **Inhomogeneous** [WGH00, ABM03, VGBA06]. **Initial** [Nir02, The00, LIK$^+$05, WG06, YS07, YFK05]. **initialisation** [BGB08]. **Initialization** [HLS01]. **initiated** [USTG09]. **Initiation** [BG00b, FKS07, PMMS01, CF07, KSN03, ØØS06, SWC$^+$08, VSP06]. **Initio** [NTK02]. **innate** [ZKH$^+$05]. **inoculum** [WG06]. **inositol** [GFW$^+$09, LGB03a, TLZ05, WMS08b]. **Input** [DFC$^+$02, FLBB01, KI05a, VL09]. **Input-output** [KI05a]. **inputs** [Fen03, FL03]. **Insect** [GTDA02, OCP$^+$00, WB06, BNRW04, CC09b, EZM05, KH09c, LBF01, LSD$^+$07, PM07, PGH$^+$04, Tof06, WRNB04]. **insect-resistant** [PGH$^+$04]. **Insects** [Möl01, Möl02, NC02, WC02, Bye09, Iim07, MMV$^+$04, PRT04, PGH$^+$04, XBT09]. **inseparable** [GD06]. **insight** [Leo07]. **Insights** [GZK06, KP06, KS01c, OHM05, ACK08, AM04b, LS07, RG03, SP05a, WZW$^+$07, CSD09]. **Inspired** [WGH00]. **Instabilities** [BGF07, BSS$^+$07, Mal00, WW05b]. **Instability** [GB02, PKL01, WAMO00, BMS06, KSN03, LVL08a, LVL08b, NMI06, VTL05]. **Instars** [HYA02]. **institutions** [BCH03]. **Insulin** [RB02c, TMS00, TPD$^+$00, WQ00, BM06, KR05, LKM06, OHM05].

insulin-like [BM06]. **insurance** [GRW03]. **intake** [KRGH07, LPJB+08, SZLK+05, SSD09]. **Integral** [ESGK02, SKW00]. **Integrate** [FLBB01, LL05, UL06, VL09]. **Integrate-and-Fire** [FLBB01, LL05, UL06]. **integrated** [Ben04a, GMK06, MB05, WWS+06]. **Integrating** [HWCF07, VHF08, VTC08b]. **Integration** [AVSHV04, SS06c, BFP07, MRA06, PCB07, SV07, VdL03]. **Integrative** [DF00, DHR+07, IST01, Jaz01, HCR+04, JB04, Muz05]. **integrator** [Fen03]. **integrin** [CLB05]. **integro** [WW05b]. **integro-difference** [WW05b]. **integument** [LDT09]. **intellectual** [Rap08]. **Intelligence** [JST+02]. **Intensity** [Ghi02, DGZ07, HHH06, TT04, Wal08]. **intensive** [MPM07]. **Intentions** [JST+02, PTFF05]. **Inter** [DSCD02, FMI05, LJK06, Lit07, RA08]. **inter-compartmental** [Lit07]. **Inter-dependent** [FMI05]. **inter-residue** [RA08]. **Inter-Sarcomere** [DSCD02]. **inter-specific** [LJK06]. **interact** [FS04a, HHP05, HDZ+07]. **interacting** [NK08, PS03, RB06, Sch06, SV07, SLB07]. **Interaction** [Cum01, CGKC07, Ell01, EN03, IST01, ISWT02, ISC01, Jav00, MJW00, NM08, Nir02, RGSFM07, Sta00a, Sta00b, Sta00c, AR08, BdSFFDMC09, CdOWS04, DF09, GEF04, HSK+08, IS08, JK04, KJJ07, KST07, LN03, Leo07, MB06, ML04, MA04, MRF07, NL04, Nos06, OS06, OPN07, PSSS03, Péc05, PDPL05, RG06, RSS04, SGCK+08, SIHH04, SB09a, SB06, SVN+05, WT09b, Yan09, ZAD07, vKPdR07]. **Interactions** [BHHS01, CGH01, FLS01, LPLC00, LAD03, AAL08, Aba09, ACLW03, AO03a, ADHM09, AW06, AJ08, AS07, AM06, AB07b, BTCD07, CKE06, CdOWS04, CEP05, CMG06, Fox05, Her09, HGH08, JCK09, KSY+08, KOT07, LJK06, LTG+04, LFF06, LW07, MD06, MSGS08, MGM07, MP09b, PAA07, PCS+06, RZF03, RDL07, RS04, RRS06, RDSB+03, SLIL07, SB09c, SS05b, TC09, TBCD06, VWR07, WKB07, YHI07, ZSF+07, ZZLT07, vLBJK07]. **Interactive** [Gol07, ZJ06, HNTHA07]. **interactors** [CE05]. **Intercalation** [HA00, BLS+09]. **Intercalation-Mediated** [HA00]. **Intercellular** [GTG01, GG03b, TS02, UHI02, öWO01, GZ04, HKP07, JCK09, WWS+06, WSM05]. **Interchange** [FW00]. **interest** [CC08, OB08]. **interfaces** [Kur07, Kur08b]. **Interference** [GG01c, JWB07, BZ05a, BZ05b, KC07]. **Interfering** [Fra00b]. **interferons** [HHP05]. **interferons-** [HHP05]. **intergradation** [KS06]. **interleukin** [CEA07, GSG+07]. **interleukin-1** [GSG+07]. **interleukin-21** [CEA07]. **interleukins** [CRB05]. **Interlocked** [UHK01, SSF09, WCA06, XK07]. **interlocking** [RCS05]. **interlocking-feedback** [RCS05]. **Intermediate** [FK03b, LBS00, CG06, LHDvdM04, PBC09b, RHH08, PBC09a]. **intermittency** [KvHMP09]. **Internal** [DF00, Ben04a, EPR07, GVB+08, OB04, WE06]. **Internalization** [Gin03]. **internally** [OSK+05]. **International** [Ano00e, Ano00-30, Ano01-33, Len01]. **interneurons** [SM09a]. **Internodal** [Dim05]. **Interplay** [Går00, Hog00, KH08, YCC02, CXM+09, DI09, Zhd03]. **Interpretation** [RA06, SPH03, AH03b, FCD+05, GRBR04, MKB03]. **interpretations**

[dPGR06]. **interpreters** [Wil09]. **Interpreting** [Che00, GXG03, SLP00, MGT$^+$06, OR04]. **interspecific** [HB09, Sch05a, WLHB07]. **intersubunit** [NN07]. **Interval** [Sol01, LP07b]. **intervality** [RMAI06b]. **Intervals** [Hay00]. **intervention** [MGS09, TBB$^+$06]. **intervention/prevention** [TBB$^+$06]. **interventions** [CAHH06, GRH$^+$07, MPM07]. **Intestinal** [MF05, Agi04, MA07a, dT07b]. **Intestine** [ARW00, LBSP06]. **Intra** [WO04, PDM04]. **Intra-membrane** [WO04]. **intra-sexual** [PDM04]. **intracarotid** [NKC$^+$08]. **Intracellular** [AF01, FK01a, For01, GG03b, Jac03, Kar03, RWF01, SYSY02, VP01, WRF01, ASMD06, BH03a, DP04, HSL04, JST$^+$08, KSK08, Kur08a, MGP$^+$08, NS05, NS09a, WHH07, WMS08b, Yam03]. **intracranial** [GMK06, GK06a]. **Intragenic** [DZB$^+$04]. **Intraguild** [Har02, Rev02, Ama06, KHL07]. **Intramolecular** [AB07b]. **intramuscular** [Kok04]. **intransitivity** [LS09]. **Intrasex** [Tor00]. **intraspecies** [PDPL05]. **intraspecific** [MJ07b, PB08]. **Intrinsic** [GS08b, iKIY09, Tao04a, Tao04b, BS05b, Lei09, Lei10, Sil09, Yan08]. **intrinsically** [BE08]. **Introduced** [FGH01, GT06b, KC05]. **introducing** [SA07a]. **Introduction** [CW07, LHDvdM04]. **Introgression** [DBG01]. **Introns** [Eld00]. **intussusceptive** [SS05b, SKS09]. **Invader** [MD01, HH07]. **Invader-Induced** [MD01]. **invading** [DT07a]. **invariance** [LSAA$^+$06, PAA05]. **invariant** [Ken07, MV06]. **Invariants** [HL00, ZC06, SCJJ08, SJ09]. **Invasion** [BH01, MGL$^+$06b, PGLG01, TS02, BHWB05, GC08, GN07, IMN04b, KCP07, KCP09, KC05, LNH08, MM08a, MCM$^+$09, MMV$^+$04, MPL06b, SLHN06, SGGM05, TMBD09, VCGV07, WK05]. **Invasive** [Sch02b, RSC$^+$06, ZJ06]. **invasiveness** [SGG$^+$07]. **inverse** [CLM07, HB07]. **Invertebrate** [Har02]. **invertebrates** [CM09, MA03a]. **Inverting** [RB02a]. **Invest** [WNT08]. **investigate** [RSC$^+$06, RRH08]. **investigated** [VCGV07]. **Investigating** [GBK$^+$07a, UW09, BRS$^+$09, FWE06, LRB$^+$06]. **Investigation** [JBJ$^+$08, LK08a, TGR$^+$00, TR08, WH01, EHG03, GKB03, KSEK09, LJL08, LF08, THL03, WR07b]. **Investment** [SR02, YM04, Yan05]. **invisible** [GEF09]. **Invoking** [GK00]. **Involuntary** [Fis06]. **involved** [AF09, Cib08, HGH08]. **Involvement** [PBHS05]. **involves** [DCC$^+$08]. **Involving** [SR02, VGCGM$^+$02, MCM$^+$09]. **Ion** [FSG00, Lan00b, NTK02, WT01, DBG06, GKXS07, LSS06, Luc05, OP05]. **Ionic** [The00, YFKP03, LAG07, PAH06]. **Ionizing** [BL00, JL01]. **ions** [MS05a, MS06a, MS08c]. **IP3** [FWLN04, HSF09]. **iron** [FFME08, LK06]. **Irradiance** [Han01]. **irradiated** [HHBY06]. **irradiation** [BKP09, GVB$^+$08]. **Irregular** [BNRW04]. **irrelevant** [Niw04]. **Irreversible** [FK01c, ML09a, ML12, TN01, BZ04]. **irritation** [BGE05a, BGE05b, BGE06a, BGE06b]. **ischaemia** [ACLH05]. **Ischemia** [YFKP03, LZS$^+$08]. **ischemic** [JK06, LAG07]. **Ising** [SI04a]. **islet** [JCK09]. **Islets** [AMV$^+$02, WB04]. **isoforms** [SNA$^+$08]. **isolation** [CFCGCC03]. **Isomorphism** [VSCG00]. **isotonic** [CTS$^+$08]. **isotope** [RA06]. **isotopically**

[RA06]. **Isotopomer** [KP08]. **Isotropic** [LP00, Lew03]. **isotropy** [SJ09]. **isovelocity** [TSRB08]. **Issue** [Ano06-54]. **Issues** [LFW02, OLS+02, For07a, Her09]. **Itô** [Bra07]. **Italy** [Ano02a]. **Iterated** [KK00c, LBSS02, AD07a, LB07, LW04, Sch05a]. **Iteroparity** [RTK02]. **Itself** [Di 01b]. **IV** [Ano02a]. **Ixodes** [OBPH+08].

J [AGW+08, AMD06, BZ05a, BBM04, BKE04, CSP+09, DBBW11, EPJ+11, FK03a, Gie06, GWM06, HTN04a, IvDHI08a, JCRJ07b, KCP09, Ker06, LH09, LGK+12, Lei10, LVL08a, LW04, ML07a, ML12, MT06a, ML08b, MI08a, NI07a, NI04a, Paw09b, PCZL06, PA09b, RH09a, RMAI09, SHI06b, SI04c, SRAL12, SML08, TK09a, TRM03a, TRM03b, TQUN08, VGMM+07a, VGMM+08, DqLmW07]. **J.Theor** [UI04b]. **JAK** [SYYI07]. **JAK/STAT** [SYYI07]. **January** [Ano00k, Ano00-29, Ano01j, Ano01p, Ano02d, Ano02j, Ano03u, Ano03-28, Ano04-34, Ano04-38, Ano05-55, Ano05-56, Ano06-35, Ano06-40, Ano07-31, Ano07-37, Ano08-33, Ano08-39, Ano09z, Ano09-32]. **jaw** [VAAH05, Wes03]. **jitter** [OUPG09]. **Joel** [Ano01d, Has01b]. **John** [Ano06-54, SS06d]. **Johne** [LMS+08]. **Joint** [CS02, LD00, Mag04, PBH04, WRF01]. **Jones** [Bak07]. **Josef** [BZ00]. **Journal** [Ano05h, BLZ07a, BSRH03, HH05b, OI05, TT03]. **July** [Ano00i, Ano00o, Ano01n, Ano01-32, Ano02e, Ano02k, Ano03t, Ano03z, Ano04-49, Ano04-51, Ano05-35, Ano05-42, Ano06-34, Ano06-39, Ano07-35, Ano07-41, Ano08-34, Ano08-40, Ano09-31, Ano09-37]. **jump** [Mur07]. **jumpers** [SBvS06]. **jumping** [SBvS06]. **Junction** [MY01, BFGD07, DBB09]. **junctions** [Daw09, Xie07]. **June** [Ano00-30, Ano00t, Ano00z, Ano01w, Ano01-29, Ano02n, Ano02u, Ano03-42, Ano03-33, Ano04-56, Ano04-45, Ano05-45, Ano05-54, Ano06-44, Ano06-49, Ano07-45, Ano07-51, Ano08-49, Ano09-45]. **Juvenile** [FSGB+02]. **juxtacrine** [WO04].

K-12 [LL06]. **KaiC** [TIM06]. **Kanazawa** [Gel07]. **karyotypic** [COdAM05]. **Kauffman** [IiKY07]. **kDa** [MW01]. **Keiser** [Ano01d]. **Keizer** [Has01b]. **Keloid** [CS00]. **keratin** [BEF+06, BLF+09]. **keratinocytes** [LN05b]. **Kernel** [CR01, STW+09]. **kernels** [BdABA09]. **Key** [FW00, RPB03, Yos03, ELSFB07, LTLM09, SLHN06]. **Key-String** [RPB03]. **keystone** [FV09, CE05]. **kidney** [HIM09]. **Killer** [WS02b]. **Killers** [WSC02]. **Kin** [MR03, WT05, vV06, vV09]. **kin-selection** [WT05]. **Kinase** [SSB+02, CLB05, FKAC06, FWCN05, KL09, RR09, SV07]. **kinase/phosphatase** [FB08]. **kinases** [HSL04]. **Kinds** [Fur02]. **Kinematic** [LP00, KH09a]. **kinematics** [RWID+08, Sch08a]. **Kinesin** [MFB01]. **kinesis** [MBB+06]. **Kinetic** [AGT+01, ADMZ02, BG00b, CT02, CCT+09, EP00, FTEG02, GAA02, KCP07, KCP09, KY02, MD04, OCA08, PJ01, Pro03, Sne03, TML02, TGR+00, VGMM+07a, VGMM+07b, VGMM+08, VGCGM+02, VGMVR+06, WKG03, WL02, Alb08, AVSHV04, BS05b, CHN08, KKR+07, KRB05a, KZ05, LJ09b, Lei09, Lei10, LH06, LVABV05, MH06a, PCSL+06, SB09a, SGD04, TKP07, WHH07, dPCP+08]. **Kinetics** [Ano01h, BG00a, BSRH02, BSRH03, CCGC02, Dem02, DNS00, FC01, IM02, LBS00, Ril00, SYSY02, SRN+00, TPD+00, VLFN00, WQ00, BRND09, CPM+09, CL05, DVC+04, FWCN05, Jus08, MA03a, Nar07, OP05, SRR08, STSD09, TE04, TE07, dQW07]. **kinship** [Kro08]. **klepsydra** [WE06]. **kleptoparasitic** [BLRR08]. **kleptoparasitism** [YB07]. **KNN** [DCL09, SYC06]. **knock** [SVS04]. **knock-out** [SVS04]. **knockout** [LKM+08]. **knockouts** [BWvK+08]. **knot** [AKR09]. **knot-limited** [AKR09]. **Know** [Akt04, MH05]. **Knowledge** [BFH+01, HNO03]. **Knowledge-based** [BFH+01]. **Knuckle** [Kel01]. **Knuckle-walking** [Kel01]. **Kong** [CFCGCC03]. **Krebs** [NM08, MCWF01]. **krill** [GMMR07]. **Ku** [TML02].

L [FLS+04, LCHK09]. **L-selectin** [LCHK09]. **L1** [RRK06]. **labelled** [SW08c]. **labor** [DW08b, Tan07c]. **Labour** [Wah02]. **Labyrinthine** [Car02b, SI05]. **lac** [Nar07, NPN09]. **lactate** [DSA+06]. **lactating** [BKD+06, HCR+04]. **lactic** [ZC09]. **laevis** [MKL09]. **lag** [BGK09, PLG+06, PGF+08, YS07]. **lagging** [MX08]. **Lake** [Har02]. **lambda** [LM09, PBHS05]. **Land** [KRNKH00]. **Landauer** [Smi08c]. **Landmark** [Möl01, Möl02]. **Landscape** [KCT02, AH03b, AHT+07, AH08, Ait08, RRS+07, SLIL07, WDH+09]. **Landscapes** [OSBH02, FLG+07, GPG07, RBJ06, SN03, Tan07b]. **Langerhans** [AMV+02]. **Langevin** [SCS04a]. **Language** [KN03, PN00, CS06, Ded09, LJTD05, Loc08, Paw07a]. **Languages** [Cha01a, Ded08]. **Laplacian** [MHKS03]. **Large** [Ace00, BBB+07, Kon09, LRHB09, Nei04, NS07, OCA08, Ots08, Péc05, RH04, SBZ+08, Sim08, ZLXY08, ZW03]. **large-population** [Sim08]. **large-scale** [Ots08, SBZ+08, ZLXY08]. **Larvae** [Arm01, Bur09, ILDP04, Ver04]. **larval** [BBKGP08, PBC09b]. **laser** [TR08]. **last** [Di 06b]. **latencies** [RR08]. **latency** [OUPG09]. **latent** [Ger09, GRBR04, JWWS08, KNWCB07, PBHS05, RGRB04, RP09b, Yan08]. **later** [MS09b]. **lateral** [PD06, SB09b]. **latitudinal** [Sav04]. **Lattice** [Ell01, PAA05, CXM+09, Ezo09, GDPMDS+09, KS06, NBT07, PBMU+09, PM09, TBCD06]. **lattices** [BES06, WW05b]. **Laurent** [PG00]. **Law** [DML02, LY02, Can07, DRW01, Gol09, GDD+03, Niw03, Niw04, Niw05, OBN07, PWK03, PPD09, San03]. **Laws** [Cha01a, KK00a, Tor01, WMLC02, Bio08, CY07, Dem06, Kai04, San03]. **layer** [BGE05a, BGE05b, LMF08, Lew05]. **Layers** [SBH01, EPJ+09, EPJ+11]. **LCMV** [BKE04, BKE03]. **Lead** [PL01, LJ09b, MGL+06b, NP05, Tan07c, WVA05b]. **leading** [HVN07, LR07, MX08, OI06]. **Leads** [Sta02, CMW08, FWLN04, Uit09]. **Leaf** [Ant02, MC01, SBH01, CABB09, FI06, FM06, Pie09a, SG07, Whi05]. **Leafless** [Nik02]. **leaky** [Fen03]. **Learn** [PD00, Bok06]. **Learning** [Bea00, BFGS07, KF03, Roy00, Whi07, CW08b, DRLB05, EG07, Fox05, GAT07, KGL09, Kom04, MS09a, RCA09, RKH08]. **least** [MC01]. **leaves**

[FMI05, GZL$^+$03, Wil08b]. **leaving** [HGC03]. **led** [Jam04]. **left** [Han04]. **leg** [RBS05, SH08b, WS09]. **legged** [Nis06]. **Legos** [CMW02]. **legume** [MCC$^+$09]. **legume-rhizobia** [MCC$^+$09]. **lek** [NP08]. **Length** [Koc00, KS08b, OF01, OY03, FS09, Fuk05, GHA03, GKB03, GP08b, GNLEK07, Jam01a, Kee05, KSPA$^+$08, LBS06, LW08a, Mei05]. **lengths** [CM09]. **lengthy** [OW07]. **Lepidoptera** [Cor05, CW08b]. **Leslie** [GL09]. **Lessons** [DL00]. **Lethal** [BR08, SW09, KJD05]. **Lethality** [GGK05, Kam03]. **Letter** [Gel07, Ret04, Ril02, Rot08]. **leukaemia** [Lit07]. **Leukemia** [AM01, FPL03, CM05a, DKLL05, ML04, PTD09, SHRR06]. **leukocyte** [PDB08]. **leukopoiesis** [ACR06]. **Level** [Han01, KRNKH00, AF02b, Chu08, HW01, LIK$^+$05, MH05, MNL$^+$07, PDPL05, PD04, RDC09, ZRSK07]. **Levels** [FMF$^+$00, Had01, Sta00a, AA04, Gra07, KOK06, LT08, Sel06, SI04b, TG09a, TSN05, WG03]. **Levenshtein** [BGG06]. **Levins** [EN02, RHH08]. **Lévy** [RB09a, RBP$^+$09]. **Lewis** [VS08]. **Lexicon** [Now00]. **Li** [BDMR06]. **libraries** [Kon09, TSK09]. **library** [BdBH09]. **Life** [CW08a, HA00, JE01, KKK00, Kor01, MVS$^+$06, RTK02, Wel00a, Wel00b, BPC08, Bat09, Bul06, Byw09, CMF08, CBC08, DM07, Gab06, GR05, KTH09, MBB08, MN07a, PBC09a, SCH05b, SP05b, UKY$^+$09, VA04b, Wit03, YKG$^+$05, Pro03]. **Life-history** [CW08a, MVS$^+$06, MN07a, Wit03]. **life-like** [GR05]. **Lifespan** [AO02, HLW00, ALSM06, GCP04]. **Lifetime** [YHG$^+$02]. **Ligand** [BNT$^+$00, GFWT04, KCT02, SRN$^+$00, TM00, CSD04, GSG$^+$07, HBB08, Jus08, TWE04, WO04]. **ligand-binding** [Jus08]. **Ligand-Cytoskeleton** [TM00]. **Ligand-induced** [GFWT04, TWE04]. **Ligand-Receptor-G-Protein** [BNT$^+$00]. **ligands** [vdBR04b]. **ligation** [AMP06]. **Light** [BPZ$^+$01, CR02, FI00, GRG02, KDK02, Laz03, MFI09, Nik02, RVMR01, Cal06, CB07b, DVC$^+$04, EBId09, GZL$^+$03, HHH06, KS08a, KG06b, PNG03, SKK$^+$07, VN07]. **light-based** [SKK$^+$07]. **light-dark** [KG06b]. **Light-induced** [KDK02]. **Light-triggered** [BPZ$^+$01]. **like** [AH03b, BM06, EK07, GR05, JB04, SM02, SH08b]. **likelihood** [BdABA09, Eti09, ZW03]. **likely** [LP08]. **Limb** [IV02, MSMKM06]. **Limit** [Har07b, Zah00, Alp05, GKB03, JR08, MP09a]. **Limitation** [TGP$^+$00, Eti09, FFME08, Ste09, WB06]. **limitations** [LB06]. **Limited** [JLS01, ALSM06, AKR09, BCL08, GvO04, JBK04, Lew03, MSI01, SMG01, WR04]. **Limiting** [SM09b, BM09, NL03a]. **limits** [ALM09, KS08b, Smi08a, WT07]. **line** [Chi07]. **Lineage** [PKL02, RG06, SBZ$^+$08, SLH$^+$09]. **lineages** [Ros03]. **Linear** [DFC$^+$02, MJW00, PAD00, DW08a, GBK$^+$07a, JAHKH09, MCK07, MGS08, MM09]. **lines** [DBBW09, DBBW11, DSVBW07]. **linguistic** [DT06]. **Link** [Gra02, PPR01, GR05, MDD06, RYAI06, vV07]. **linkage** [FWE06]. **linked** [GMM09, NL04, OW07, Sar04, SP06]. **Linker** [MFB01]. **Linking** [HMN09, YHM$^+$06, DSY01a, DSY01b, PTN06, PTON08]. **links** [MLPJ09]. **lion** [Bur09]. **lipases** [KSK08]. **Lipid** [CMPL$^+$00, RN07, AS07, PPGS03]. **lipid-binding** [AS07]. **lipids** [KI04, KI05a]. **lipopolysaccharide** [DRV$^+$08]. **Lipoprotein** [Sta00b, TWO$^+$09]. **Lipoproteins** [Sta00a, Sta00b, Sta00c].

liposome [PP08]. **Listeria** [IGHW07]. **literature** [Pán08]. **litters** [Jam09a]. **Live** [RH02, CLM07, SS06d]. **Lived** [Di 00b]. **Liver** [DLRP07, GBD00, CLW+08, HCR+04, KLL08]. **lives** [APL08]. **livestock** [EL09]. **Living** [AKS07, ZSS02, BDMR06, CW08a, Di 06a, KB04, MGL05, NDD08, WH07, YYA09]. **Load** [GLK+02, MFB01, SNT03, CMB+01, DP04, GMSW04, Kam03, Lin04, NGT05, NM08, STK08, SP05b]. **load-based** [STK08]. **Load-induced** [SNT03]. **Loaded** [BP00]. **Loading** [YNL01]. **loads** [GHHR03, LAG09]. **Lobster** [FTEG02]. **Local** [CL09, CC01b, GC08, JE01, LLCM01, McN06, Mcn00, MN01, YCC02, Ait08, AP04, BBKGP08, BdBH09, BdOP06, CSA07, CBR04, Cib08, ECAV07, ELJ06, FGMP08, JR08, LHD+01, PAA07, SIHH04, Wak05, WKB07, WMS08b]. **localization** [Kut05, ZLLZ09]. **localize** [RZF03]. **Localized** [Kar03, NdGG06, SI09]. **locally** [BH08, Hie05, HM07, KA03b]. **Location** [Kut03, LJW02, CL07a, CL07b]. **locations** [DCL09, hZzGqX+09]. **loci** [Cui07, CY09]. **Locking** [HRBL02]. **Locomotion** [Kel01, AN09, KCS+06, KH09c, Nis06, Pen03, SB09b, SH08b, WS09]. **Locomotor** [CR02, Syl06, Sch08a]. **Locus** [YK03, KW00a, Wax09, Wil06b]. **log** [MR07b]. **log-log** [MR07b]. **logarithmic** [KE09, Pac09, SHI05, SHI06b]. **Logic** [HFH03, BCRG04, BS04, FLWB07, LM09, Yun05]. **logic-mathematics** [Yun05]. **Logical** [Ano01b, Iro09, ST01, BS05a, BCRG04, ST03, SF04, AJOK09]. **logics** [TK08]. **Logistic** [Nås01a, AWW06, Cam03, LB05, MM09]. **LogitBoost** [CFLC06]. **Lognormal** [QB00, Eng07]. **Lolium** [CEP05]. **Long** [CBBH01, DHM01, HFH03, Ish00, KTP09, KSG03, Ova02, RDH09, TH03a, UB01, AF09, BRC+03, DI09, DMQ04, For09, GMMGDA05, GBGAKD05, Pie09a, QD09, Smi08d, vdBvdB09]. **Long-bone** [KSG03]. **Long-distance** [TH03a]. **Long-range** [Ish00, Pie09a]. **long-run** [QD09]. **Long-Term** [HFH03, Ova02, DHM01, UB01, AF09, BRC+03, DI09, DMQ04, Smi08d, vdBvdB09]. **Longevity** [GG01a, JW01, LVV+01, Man01, Pel00, AAK+09, Tof06]. **Longitudinal** [KG02, TT03, AAK+09, TT02]. **look** [Plu06, SDL+08]. **Looking** [SLHN06, Hok00]. **loop** [BFG09, HJ05, RCS05, SWC+08]. **looping** [Nar07]. **Loops** [KCA03, BNRW04, FI06, JM07, RGF+08, SSF09, XK07]. **loosely** [OW07]. **lopinavir** [NLM+08]. **Lorentzian** [Che07]. **lose** [IFN07]. **lose-shift** [IFN07]. **loses** [SBvS06]. **Loss** [WL03, Ark05, Est07, MKS+09, RC09]. **Losses** [FB00, BZ04]. **Lotka** [BM09, CG03, MC06, PDC02]. **Lotz** [NDE06]. **love** [vVH07]. **Low** [CSD09, KKDV01, MC01, Sta00a, Sta00b, Sta00c, VRB01, CMCH08, EZM05, Hav04, JAA+07, JAJA07, Kao06, KSEK09, Net09]. **Low-affinity** [VRB01]. **Low-density** [Sta00a, Sta00b, Sta00c]. **low-quality** [CMCH08]. **Lower** [HYA02, SL00, CSS06, Wes03]. **lowering** [MBD08]. **LUCA** [Di 06b]. **luminal** [HS07]. **lung** [HM06, MK04]. **Lungs** [WGH00, WGH01, BT06]. **Luria** [Fra03]. **lymph** [MK04]. **Lymphocyte** [Noe00, PW09b]. **Lymphocytes** [AB00]. **lymphoma** [AMP06]. **lymphomas** [MH07].

Lymphotropic [AB00]. **Lynn** [Bak07]. **lysis** [ARR08, CTS+08, TB04]. **lysis/lysogeny** [TB04]. **lysogens** [EBM07]. **lysogeny** [TB04]. **Lysozyme** [Lan00a]. **lytic** [Kom07, PW09a]. **LZ** [LW08b].

M [How09]. **M.** [SJGK04]. **M2** [DHW+09]. **Machine** [GCYH01, CTZ+06, Fox05, ZLLZ09, ZCLZ07]. **machinery** [Hau07, PBL06]. **Machines** [AGCLMM03, CLXC03, AS09, dCZJ+04, DB05, DRLB05, JSA+07, MBBR06, QLHL09, YCC+06]. **Macrohistorical** [VG01]. **Macromolecular** [HM01, Vei03, MD04, MPOBD+09]. **macroparasite** [RDF03]. **macrophage** [LCHB06, MKD+05, RWCK08]. **macrophages** [ND04, OBL04, RK06]. **macroscopic** [GKXS07]. **Magnaporthe** [TGT06]. **Magnetic** [Rei02b, Wal08]. **magnetite** [Wal08]. **magnetite-based** [Wal08]. **magnetoreceptor** [Wal08]. **Magnitude** [MC01]. **Mahalanobis** [Lin08]. **maintain** [OI06, OI07]. **maintained** [EFW07]. **maintaining** [MNMH+08]. **Maintenance** [BFR05, Bro02, Hay01, RKNK01, ASD08, BDBR07, FMH08, GEK04, LKK07, NKC+08, OI00, SMPvdB08, TKP07]. **maize** [LSMB+03]. **Major** [Wit03, JL06, Kun06]. **Makarieva** [BDMR06]. **make** [CA00, FI06, PG01b]. **Makeham** [Gol09]. **Making** [Di 01b, LP08, MAHD06, NDD08, RRH08, YCS04]. **Malaria** [GLK+02, CSD09, GZK06, RBW09]. **malate** [LZS+08]. **malate-aspartate** [LZS+08]. **Male** [Dus00, FSL03, GMMGD+08, GK00, NS03b, Blu07, Bog04, BBK04, GZ04, KV05, MT06a, MT06b, MS03b, RRS+07, SWI07]. **male-biased** [Blu07]. **males** [BBK04, CMCH08, GOP09, HH04c, HH05b, YOYT07]. **males-modelling** [BBK04]. **Malthusian** [Mar04]. **malting** [OF05]. **mammal** [CLMMP06, MGC04]. **mammal-dominated** [MGC04]. **Mammalian** [Coo01, MW01, OF01, FP04b, Gra07, GI09, HA07, JM07, Jam09a, KF04, KOK06, LG04, NT04, Ros03, SYYI07, ZSZ+06]. **Mammals** [BKF00, Cha03, HHR01, IST01, BTS08, BGF03, BG06, DBF07, KG03, KSG03, Osb08, SI04b]. **Mammary** [HCMF01, HCB+02, SVS+02, BMH07]. **management** [SD06a, SD06b, TH03b, Wag03]. **managing** [CC09b]. **mangrove** [LS08b]. **manifesting** [Dim05]. **manner** [HHP05]. **manuscripts** [SDBH04]. **many** [AK04, CY09, HMGK06, KSB08]. **many-wrongs** [HMGK06]. **Map** [öOW01, MBB08, Pec06, RA08, WW05b, FWCN05, RR09, SV07, SSB+02]. **MAP2** [HGV01]. **MAPK** [ZPP08]. **maple** [Che07]. **Mapping** [CS02, RC00, SPN06, CLS08, CY09, Dav09, FHL+06, LDW09]. **maps** [Cyt04, JQR08]. **March** [Ano00j, Ano00-28, Ano01l, Ano01r, Ano02c, Ano02i, Ano03y, Ano03-31, Ano04-50, Ano04-41, Ano05-36, Ano05-41, Ano06-31, Ano07-33, Ano07-39, Ano08-31, Ano08-37, Ano09-30, Ano09-36]. **marginal** [LR07]. **marginata** [BIS+07]. **Marine** [BKF00, Hay00, HHR01, MSI01, Sol01, MA03a]. **Maritan** [MGL05, MGL06a]. **Maritime** [DFSD05]. **mark** [Jam09a]. **Markers** [ACCC02]. **market** [SP07a]. **Markov** [BLF+09, BL06a, GFW+09, HS02b, IGHW07, JBP02, PB06, SCJJ08, SJ09, WT01]. **Markovian** [GKXS07].

Marks [LM01b]. **markup** [KM08]. **Marrakech** [Ano00-30]. **Mass** [KDK02, SV05, TPD$^+$00, BB07b, Can07, CM09, CTB09, GSB05, Hel08, HJ07, NAV04, PP04, SH08b, TP05, VTC08a, VTC08b]. **mass-balanced** [PP04]. **Massaging** [DSK02]. **mast** [BEK$^+$03]. **Master** [KMT06]. **masting** [LRHB09]. **Matabolic** [Ano04b]. **matching** [CCC08, Mie05]. **Mate** [Bjö02, BB02, HH04c, HH05b, LKK07, NP08, WA07, BFA08, CMCH08, SWI07, Wak05]. **material** [FFIS07, Hol06, Vin05]. **materials** [FH07]. **Maternal** [AD06a, GK00, WH03, Buc04, FMLP06, Gra07]. **mates** [WT05]. **Mathematical** [AC04, AMP06, AMW00, Ano00e, Ano00-30, Ano09a, AP09, BPV01, BB06a, BM03b, BRND09, CSFH$^+$01, CSM02, CMTU01, CS00, CMS$^+$00, EAC$^+$06, FW01, FMF$^+$00, FBM06, FM09, GC08, HHP05, Her00, HB02a, HS00c, IM02, KHE06, KSO06, Kra01c, Kra02, Kut03, LM09, LBS00, LWRK07, LKC07, LPB$^+$04, LK03, Mau02, MAC06, MGL$^+$06b, MH02, MA07b, MS01b, MM00b, NKL06, NB02, ØKRG04, OBL04, PAH06, PKW$^+$00, RSSM06, RKF06, SWS02, SCH02c, SMG$^+$03, SB07, SGM08, SVN$^+$05, SS05a, SRN$^+$00, SZLM09, SZ09, TK08, TGP$^+$00, TLC07, WRG$^+$04, WBB02, Wan00, WBD$^+$09, YFKP03, ABM04, AM08, Ark05, AB03, BBM03, BBM04, BRS$^+$09, CP07, Cog07, CM05a, CM05b, CPG09, CPMG$^+$08, DT07a, Daw09, DRV$^+$06, DC09, DBG06, ECAV07, EPJ$^+$09, EPJ$^+$11, FBUL05, GK06a, GB07, GvHP$^+$07]. **mathematical** [GPB$^+$04, GCB$^+$07, GPMW06, HA07, Hop06, ITI$^+$09, JR06, JWB$^+$09, KBT08, KNC$^+$04, KKR$^+$07, KLN$^+$09, KJJB07, LN05b, LH08, LH09, LS08a, LM07, LLC03, LFC04, Leo07, MPM07, MKS$^+$09, ML04, MSL04, NS06, NS09b, Nar06b, NM08, NLS08, NGN$^+$04, NL03a, NI07b, Pep04b, PSJ04, RNSU04, RD07, RRC$^+$06, RSC$^+$06, RG06, RF04b, SHPDL03, SC03, SS06b, SE07, SJD$^+$09, SKK$^+$07, SSD09, TKN07, TBR08, TYI$^+$06, VGS$^+$05, VdL03, VN07, VA06, WWS$^+$06, WTC09, ZFVH05, dT07b, MGAD09a, RWF01]. **Mathematically** [Koh07]. **Mathematics** [Ano00e, Ano01h, EKIL01, Len01, Yun05]. **Mating** [Dus00, RKNK01, TNTJ08, YYY$^+$08, AR05, CC06b, CT06, HK09, KW00b, Kel07, PDM04, RHF07, RC09, SWI07]. **matrices** [FP03, FS04b, GKNT09, GNH$^+$05, GL09, PGLL07]. **Matrix** [Di 01b, LGB02, YL00, Apa09, BdSFFDMC09, DqLmW07, GHA03, GKTN07, KP06, KK09, LH06, PWG09, VCGV07]. **Matter** [WS02b, BÅ03, DBG06, WKB07, vdBR04b]. **Matthew** [EK08]. **Maturation** [IM02, MH02, KD03, MN06]. **Maturity** [TTR00, LPT05]. **maximal** [LIK$^+$05]. **maximising** [LW08a]. **Maximization** [Ack04, SPF08]. **Maximizing** [Pel00]. **Maximum** [Eti09, FT09b, HLW00, Now00, Puj02, TN04, BGF03, BDR08]. **Maxwell** [Hop02]. **May** [Ano00g, Ano00m, Ano01m, Ano01s, Ano02b, Ano02h, Ano03v, Ano03-27, Ano04-36, Ano04-40, Ano05-37, Ano05-40, Ano06-32, Ano06-37, Ano07-34, Ano07-40, Ano08-30, Ano08-36, Ano09-27, Ano09-33, CSM02, BH03b, Buc04, CSFH$^+$01, CRB05, CSD09, HCC00, KS03, MR03, MS08b, NA04, SC05, Wak04, ZXWF08, dM09, vV06]. **Maynard** [Ano06-54, Gav06, Har06, SS06d]. **Mdm2** [AJOK09]. **mdr1** [IZGG05]. **Mean** [CRR08, Orr03, Raf02, SS00, vAR09, vAGDR09, BK05, GKK06, LS03, LS04a, OHM05, Ros05, Tan08, WKB07, WKRD09]. **Mean-field** [vAR09, vAGDR09, GKK06, OHM05, WKB07, WKRD09]. **mean-variance** [BK05]. **meaning** [DLB07]. **Meaningful** [Rae02]. **Means** [Cha01b, Laz03, GBK+07a, HM05, NA02, RAK+08]. **measles** [BCJ+08, GXG03]. **measurable** [BSJ04]. **Measure** [LL01a, MWB+02, AMS09, GNH+05, KmMK04, LW07]. **Measurement** [HS03, RR08]. **Measurements** [Di 01b, Alb08, CH05b, FS04b, GAK+06, RGB06, SW08c]. **Measures** [Bas01, Kee00, Rou03, CHCC+04, FMHW08, PKS+08, PPRI08, Ric03, RKH+06, TLC07]. **Measuring** [BEK+03, JCRJ07b, JCRJ07a, LBJE03, PSM06, DPV00, CC09a]. **Mechanical** [BGF03, BS00, Ish00, JMB00, KG02, MFB01, MV02a, MV02b, MV02c, Nir02, SHF02, TL00, AN09, AJ08, AM06, BGE05a, BGE06a, BGE06b, BB07b, CABB09, Cur04, DMW04, KNC+04, KJD08, LCHK09, NSS08b]. **Mechanics** [DF00, ZM03, BB06b, DSZ09, DP08, LBQ+05, LZ09b, NM06, Pen03, THL03]. **Mechanism** [CCGC02, HLH01, Jac03, MS01a, MD08, NN07, PDIS00, Ril00, TPWG01, Tho02, UHI02, VGCGM+02, VP01, WKG03, Yos03, BBSLN08, BTA08, BL06b, BEBV03, BI09, Buc04, CT06, CFCGCC03, CB07a, CPG09, Dal06, Dru03, HKP07, Hua03, JK06, JLCS08, KTH09, KLK06, LK08b, LVABV05, MP09b, Nie06, OQGC07, RAZ03, RKH08, RSB09, SSJ09, SC03, SB05, SA05a, SDL+08, SKY09, SVG+08, TKP07, TMH04, USTG09, WB04, Xie09, Zhu09, dBCP+07, dV06]. **Mechanism-based** [MD08]. **mechanism-mathematical** [SC03]. **Mechanisms** [BFGD07, CY08, FFN00, HS01, Hog00, LFLM00, RWR00, RMAI06b, SCNP+06, SML02, The00, ACSY04, ACLH05, CPM+09, CRNP07, CWJ07, Dic08, FM04, GGH+05, GMdA+07, GZ04, GZK06, INSR08, JB04, Ken07, KLL07a, LM07, LG04, MKA05, MWD08, NLS08, PCB07, RR08, SJGK04, TR08, WRG+04, YLM03, FL09]. **Mechanistic** [GS02b, Han01, Han02, LM01b, dBWBP06, ASMM08, DGM05, GK04, JEDH08, SN04]. **mechano** [IvDHI08a, IvDHI08b]. **mechano-regulatory** [IvDHI08a, IvDHI08b]. **Mechanochemical** [SNT03, LCL07a, LCL07b, LL09]. **Mechanokinetic** [Paw07b, Paw09b]. **mechanoregulation** [NP05]. **Medaka** [TMI03b]. **Media** [KMH00, BGE05b, BFGB04]. **Mediated** [HA00, LPLC00, SCH02c, BGB08, CEP05, CRR08, GAA02, HC07b, Kra01c, KCHP08, LK08b, LLC03, LdGH09, RGF+08, RCS05, SM06b, VWR07, WMS08b, Win06, Xie07]. **medical** [Gol08]. **mediolaterally** [BLS+09]. **Mediterranean** [FLS+04, SBI07]. **Medium** [AF02a, GSM06]. **Meeting** [Ano00e]. **Meiosis** [RNS04]. **Meiosis-II** [RNS04]. **Melanin** [Ano01e, Mac01, MBH03]. **Melanocytes** [Ano01e, Mac01]. **melanogaster** [AO03a, LdGH09]. **Melanogenic** [øPVO02]. **Melanoma** [RSD+01]. **melanophores** [DTM07]. **Melanosomes**

[Ano01e, Mac01]. **mellifera** [GHHR03]. **Melolontha** [HHH06]. **member** [SS06a]. **Membrane** [Byw09, CMPL^{+}00, DB05, FSG00, GB01, Hop02, TGP^{+}00, AW06, CRJC04, CC06a, IHV^{+}06, KP06, Kin04, KI04, KI05a, Lin08, MGP^{+}08, OUPG09, Paw07b, Paw09b, PGLL07, RZF03, RM04, RAK^{+}08, SYC06, WYXC05, WYC06, WO04, ZC09]. **Membrane-spanning** [Byw09]. **Membranes** [Wil02, CML08, Hul05]. **Memoriam** [Ano01d, Has01b]. **Memories** [MH08]. **Memory** [Ano06-54, CKJ^{+}02, DB01, KHHS09, KK00c, Nei01, UB01, WS02a, CC08, CE08, For09, HVY^{+}07, Kim07, Koh07, SI04b]. **Memory-one** [KK00c]. **men** [Bla04, Kan06]. **Meningitis** [SJ03]. **meningococcal** [SJ03]. **menstrual** [RD07, SHP09]. **Menten** [CT02, LFW02, TE07]. **Meristems** [LSMLB^{+}02, PKL02]. **merolae** [Di 08]. **mesenchymal** [LWRK07]. **mesendoderm** [MKL09]. **mesenteric** [KBT08]. **mesoderm** [GK09, MKL09, TSZ^{+}07]. **mesoscale** [CLW^{+}08]. **mesoscopic** [BRC^{+}03]. **Meta** [Nak01, HI05]. **Meta-observer** [Nak01]. **meta-population** [HI05]. **Metabolic** [Ace00, AøP03, BDMR06, BKF00, DFC^{+}02, GGH^{+}05, MGL03, MGL05, MVM^{+}00, MCWF01, NGMS08, PPEøP02, SP00, SLP00, SGG^{+}07, TRM03c, dBCP^{+}07, BWvK^{+}08, CCT^{+}09, DSA^{+}06, ELJ06, FP03, FLWB07, GABK08, GGK05, HTCS07, HJ07, HGH08, IS03, JK06, KOT07, KP08, LSAA^{+}06, LV08, LZS^{+}08, MvdO06, MSSS09, OCA08, PFRR08, PSPF07, PRP^{+}03, SPAH06, SPF08, Thi04, TRM03a, TRM03b, WMP03, Ano02a]. **metabolic-pathway** [KP08]. **metabolically** [Ped07]. **Metabolism** [BSWM00, CBH02, CSP01, DRW01, EP00, HCMF01, HCB^{+}02, PGLG01, AVSHV04, AIKP06, Cle07, DGD^{+}09, HCEK08, HCR^{+}04, Kal07, KSK08, LK08c, MS07a, MHMGM08, NM08, NHTM09, SdAC^{+}08, Smi09, TWO^{+}09, VHF06, VHF08]. **metabolism-vesicle** [MS07a]. **metabolisms** [MNMH^{+}08]. **metabolite** [DF09]. **metabolites** [RH08]. **metabolizers** [DFP^{+}08]. **Metabotropic** [LGB03a, LGB03b]. **metacommunities** [MGM07]. **metacommunity** [GS08b]. **metal** [YMLK04]. **metal-reducing** [YMLK04]. **metalloproteinase** [KP06]. **metals** [GVB^{+}08]. **metamorphosis** [TK05]. **metaphoric** [Pie09a]. **Metapopulation** [AP01, Bas01, EH00, GG02, OSBH02, Sch00, SFS^{+}01, YCC02, CV08, DDJ06, DPA05, EL09, JEDH08, KCHP08, MWL^{+}07, MJ07b, RHH08, XFAS06]. **Metapopulations** [EN02, CG06, CBR04, Fer09a]. **metastability** [LCL07b]. **Metastases** [Ano01g, Ken01, Ken02, HRZ06]. **metastasis** [DGD^{+}09, MI06, MNI06]. **Metastatic** [IKS00]. **metazoan** [FSS06b]. **Methanediazonium** [NTK02]. **methanogen** [Di 09]. **Methicillin** [ABP^{+}00, MPM07, PWVvR09, MWD08]. **Methicillin-resistant** [ABP^{+}00, MWD08]. **Methionine** [MVM^{+}00, PFRR08, RNSU04]. **Method** [MCWF01, NA02, PKL01, PKA02, SMG^{+}03, TGR^{+}00, Tur02, BGE06a, BGE06b, BMR08, CKE06, Che06b, HL05, HW09, HNTHA07, JAJH07, JCW^{+}03, KGB04, LMH04, LSS06, MR07b, NAS07, PGMK^{+}03, RLCIB05, SHI05, SHI06b, TSRB08, Wan06, WL09, WLFC08, ZYD^{+}05, ZT06]. **methodology** [MHRK08]. **Methods** [BS00, DOT02, KKK00, BCRG04, DMW08, DKS04, GHC03, IvDH$^+$08, STW$^+$09]. **Methylation** [NTK02, SLL06, Wil06a]. **metric** [RA08]. **Metronomic** [HFH03]. **MHC** [PD01, vdBR03, vdBR04b]. **Mice** [BKE03, BGG$^+$09, BKE04, LKM$^+$08, NKL06, RGSFM07]. **Michaelis** [CT02, LFW02, TE07]. **Microarray** [LY02, GLSW07, ZLXY08]. **Microarrays** [CS07, mLLS$^+$06]. **microbe** [SCH05b]. **Microbial** [VDV00, Bat06, Bat09, KRB05b, MRC09, Nar06a, PTFF05, SRS09, WLZ$^+$06, WVA05a, WVA05b, YS07]. **microbiological** [GST08]. **microchimerism** [BI09]. **Microcirculation** [SP02]. **microcirculatory** [BGE05a]. **Microcolony** [Joh08]. **microcracks** [TT04]. **microdialysis** [Che06b]. **microdomains** [HGP$^+$07]. **microenvironment** [ML07a, ML07b, YDL06b]. **microglia** [BFG09]. **micromechanical** [FHD09]. **Micromechanics** [FH07]. **Micromechanics-based** [FH07]. **Microorganism** [HP00b, Mar04]. **microorganisms** [Fer09b, KNS05]. **Microparasites** [BH01, AG06b, FLG$^+$09]. **microplus** [RAHO06]. **Microprobe** [BPZ$^+$01]. **MicroRNA** [WL09, PWZ09]. **microRNAs** [CRB05]. **Microsatellite** [LS03, VA06]. **Microsatellites** [ZXWF08, LS04a]. **microscopic** [PLG$^+$06]. **microscopy** [TR08]. **Microspheres** [TM00]. **microstructural** [FH07]. **microtine** [KJD05]. **Microvascular** [See00, MKB03, SKS09, TGV$^+$07]. **microvessels** [PDB08]. **Microvillar** [Lan00b]. **Microwave** [LFLM00, LMF03]. **mid** [Ari05]. **mid-domain** [Ari05]. **Middle** [GMMGDA05, NA02]. **Middle-scale** [NA02]. **might** [SPE08, vdBvdB09]. **migrants** [PB07]. **Migrating** [GA02, TM00]. **Migration** [Ale01, BM03b, ELB02, FF02, HS01, LAD03, Ale09, BR09, CLH07, CC09a, DDJ06, JWH08, KP06, Lin04, Lit07, MSdlPS09, NBT07, PB07, SMCT08, VW03, Xie07]. **migrations** [MPN07]. **migratory** [AMS09]. **Milk** [DSK02, HCMF01, HCB$^+$02]. **Milking** [SVS$^+$02]. **mimic** [JI05]. **Mimicry** [PDA$^+$00, FS07, KS06, LY03a, MH09b, RE04, She06]. **mind** [Yun05]. **mineral** [FHD09]. **mineralized** [FS04b]. **Minimal** [BOCF08, GSNH08, Jus08, Rou03, AA04, BGG$^+$09, BG07, MGDDH08, MS06b, OHM05, SZLM09]. **Minimization** [CDF00, Mar03, NGT05, Sel07]. **Minimize** [FB00]. **Minimizing** [HFH03, HH07, DMO$^+$07, TGN07]. **Minimum** [IST01, ISWT02, Orr03, Alb08, Ros05]. **mining** [Pán08]. **minor** [AAL08]. **Minority** [KY02]. **miRNAs** [CRB05]. **missense** [XSD$^+$05]. **missing** [ISW04, vV07]. **Mistakes** [HG02, LP08, RHF07]. **mites** [CM09]. **Mitochondria** [KK00b, Ban06, DL08, Kun05, Mit04, SKR06b, TK04]. **Mitochondrial** [CSC03, FK01a, FW01, NHTM09, SKR06a, SK01, BPLS06, FSS06b, OLBM08, OS03, PCH$^+$05, PAH06, UH09, dBCP$^+$07]. **mitosis** [RNS04]. **Mitotic** [TQUN07, TQUN08, KK00b]. **Mixed** [BS01, CA09, Cro00, KW00b, MSMKM06, RKNK01, VDV00, WGH01, YTAK01, dPGR06, Bea06, EL09, GZK06, Kel07, Lew05, Nar06a, RNP04, TAN09, Yan06]. **Mixed-mating** [KW00b]. **Mixed-mode** [MSMKM06]. **mixed-species** [GZK06]. **mixed-substrate** [Nar06a]. **Mixed-symmetry** [Cro00]. **Mixed-Venous** [WGH01]. **mixing** [KR07]. **Mixotrophs** [KDK02].

Mixture [Lin07, CY09]. **Mixtures** [Jav00, BLZ07a, BLZ07b, HW09, RNP04]. **MLC** [FB08]. **MLC-kinase** [FB08]. **MLC-kinase/phosphatase** [FB08]. **MLP** [SMPM09]. **MLP-29** [SMPM09]. **MMP** [KP06, KP06]. **mobile** [MB06, RMF08]. **mobility** [SFVA09, VSA07]. **Mode** [MVM^{+}00, MSMKM06]. **Model** [AWAB05, ARW00, AGT^{+}01, Ano01c, AMV^{+}02, Ats01, AF02b, BHHS01, Bar01, BKP09, BE03, BCV00, Bro02, BSRH02, BSRH03, CCGC02, CLO^{+}02, CSC03, CMB02, CCP^{+}00, Cha00, CSFH^{+}01, CC01b, CC01c, CDHJ02, Chu00, CSON^{+}05, CMS^{+}00, Cum00, DF00, DALP03, EN03, EN02, FW01, FSG00, FLBB01, FC01, Fin06, FMF^{+}00, FP04b, FY00, Går00, GJE02, GBG01, GLV02, GAA02, GG01b, GRG02, GG02, GLK^{+}02, GCYH01, HBLG02, Han01, Han02, HCMF01, HCB^{+}02, Has01a, HGV01, HB02a, HB02b, HS00c, IM02, IV02, ISC01, Ish00, IKS00, Jac03, JG01, JMB00, JBP02, KTCD00, KF04, KKK00, KJD05, KW00c, KCT02, Kor07, KA02, Kra01c, Kra02, KGG08, KKDV01, Kut03, LM01a, LBS00, Laz03, LGE00, LFW02, LVV^{+}01, Mal02, MKLD02, Mau02, McN06, Mcn00, MN01, MSWH00, MS06a]. **Model** [MS08c, MAB00, MH02, MS01b, Moc02, MBB02, MM00b, Nås01a, NSM02, NB02, Nie02, NL03b, OI00, PMMS01, PGLG01, Pel00, Pin00, PG00, PDC02, PBR03, PV00, QA01, RMBM00, RB02a, RWF01, Ril00, RKL02, RVMR01, SKW00, Sch02a, SP02, Sil02, SMG^{+}03, SK01, Sta00b, SFS^{+}01, Tas02, TH00, TH03a, TPWG01, TM00, TMI03b, TPD^{+}00, TL00, TS02, UHK01, WM00, WT01, WBB02, WAMO00, WC02, WL02, WMLC02, Xie07, YLL00, YL00, YNL01, Zah00, Zhi02, ZM03, ZSS02, ZW07, AB07a, ASMM08, AN09, AM09, ABM03, ABM04, AG06a, AWO^{+}09, ARR08, AV05, AJ05, ABTR07, AKR09, AAK^{+}09, ABvdD^{+}08, Ark05, AA04, AKdlPP06, BM08, Bak04, BK05, Ban06, BM09, BLOL07, BLMV05a, BLMV05b, BGE05a, BGE05b, BGE06a, BGE06b, BST05, BTS08, BR04, Ber03, Ber07, BLS06]. **model** [BPLS06, BFR05, BRS^{+}09, BGF03, BG06, BGG^{+}09, BL06a, Bol06, Bon04a, BG07, BDR08, BTL08, BLRR08, BMS06, BOCF08, BB07b, CMG06, CC06b, CBB07, CDFP04, CA09, CLW^{+}08, CKS04, CCC08, Che07, CK08, CZM09, Cin03, CRR08, Cle07, Cog07, CM05a, CM05b, CLM07, CM03, CBF05, CPMG^{+}08, CSM05, CHN08, Cud05, CY09, CW08b, DW08a, Dam04, DBBW09, DBBW11, DB08, DMW04, DECEK06, Daw09, DRV^{+}06, DCC^{+}08, DS05, DC09, DBR^{+}05, DMPS05, DLM08, DSU^{+}04, DW05, DWBB04, DBG06, DFW^{+}07, DFCL08, DPA05, DBF07, EPR07, EZM05, ECAV07, Eti09, EPJ^{+}09, EPJ^{+}11, EL09, Ezo09, FWLN04, Fen03, FVP^{+}07, FI06, FDR04, FABdC04, FM09, FFHK09, FBUL05, FMH08, Fuk04, GS06, GMK06, GK06a, GVB^{+}08, GLE^{+}09, Gav06, GASA09, GGV^{+}08, GA07, GA08a, GA09, GvHP^{+}07, GW06]. **model** [GPB^{+}04, GCB^{+}07, GE05, GR05, GMM09, GBZ06, GvO04, GI09, GHHR03, GT08, GD08, GDC^{+}06, GSNH08, GC09, GT06b, HA07, Han04, HSC07, HLA09, HCR^{+}04, HHBY06, HRZ06, HB09, HH04a, HTCS07, HK07, Hie05, HE08b, HVN07, HMN09, HTN04a, HTN04b, HC07b, HBOS05, HMP04, IYGA08, Iim07, IB06, IvDHI08a, IvDHI08b, JDMZ^{+}07, JHJ^{+}09b, JG08, JBF^{+}03, JJEX09, JEDH08, JTGP06, JK04, KBT08, KP06, KNC^{+}04, KH09a, KSY^{+}08, KS06, KCV05, Kee05, KM08, KNWCB07, KD03, KKR^{+}07, KSK08, KLN^{+}09, KJJB07, KLL07b, KHE06, KT03, KZ05, KG06a, KH07a, KH09b, KH09c, LK06, LK08a, LN05b, LH08, LH09, LJ09b, LM07, LLC03, LFC04, Leo07, Lew05, LPJB^{+}08, LWC09, LACL03, LKC07, LDT09, LPB^{+}04, LFP^{+}05, Lit07, LVL08a, LVL08b, LYZ08, LJL08, Lo07, LCL07a, LCL07b, LL09, LSD^{+}07, LAG07]. **model** [LLO08, LM08, LCHB06, LRHB09, Mag04, MGL06a, MV06, MD06, MD03, MDD06, MLA04, Mas03, MH06b, MGS08, MZK08, MPM07, MKS^{+}09, MB05, MBB^{+}06, MGS09, MLWL06, MKL09, MA07b, MSMKM06, MD08, MSDM06, ML04, MGAD09a, MRF07, MWL^{+}07, MS06b, MGDM08, MMUGD09, MCN08, MWD08, Mur07, NMH07, NGTB06, NS06, NS09b, NBT07, Nar06b, NM08, NHTM09, NKC^{+}08, Net09, NGN^{+}04, NL03a, NT04, OOHI06, Orr06, Osb08, ØØS06, OHM05, Pal08, PBZ06, Paw07b, PBZ08, Paw09b, PCSL^{+}06, Pep04b, PNG03, PA09a, PR08, PFRR08, PV08, PWVvR09, PA09b, PA09c, PSJ04, PGN08, PAH06, PM08, PC09b, PMB06, PM03, PCK^{+}05, PB07, PHL08, QXDW06, RCA09, Răd09, RG05, RNSU04, RNP04, RD07, RRK06, RR09, RRC^{+}06, RP09a, RSC^{+}06, RRH08, RKOS09, RG06, RF04a]. **model** [RF04b, RF04c, RMAI06b, Rot04, RRR04, RHH08, RKRW08, RBS05, RDSB^{+}03, RCS05, RB08, Sac04a, SHPDL03, Sar04, SPG06, SI04a, SW08b, SWM09, SJGK04, SHP09, SB06, SE07, SVGK07, SB09c, SGD04, Sil09, Sim08, STMH04, SBGA04, SG04, SG06, SKK^{+}07, SMCT08, STSD09, SJ03, SSD09, SN04, ST05, SK09b, SS05b, SKS09, Tak06, TTT09, THKU07, wTA09, Tay06, TKN07, TBR08, TSRB08, TWO^{+}09, TKM06, Tlu07, TGT06, TBCD06, TGV^{+}07, TYI^{+}06, TBB^{+}06, TBC^{+}08, UI04a, UI04b, VGS^{+}05, VdL03, VAAH05, VN07, VGMVR^{+}06, VHF06, Ver04, VA06, VTC08a, VTC08b, VGDSU09, Voi03, VSP06, WE06, WOLS07, WWS^{+}06, Wal08, WC07a, WL07a, WHH07, WWS08, WTC09, Wax06, Wax09, WL03, WW05a, Wes03, WM04, Win06, WH07, XFAS06, XAP07, XM09, YHM^{+}06, YCS04, YB05, YKG^{+}05, YAL04]. **model** [ZFVH05, Zac09, ZAdlPLM07, ZAD07, ZZLT07, ZT08, ZW03, ZHB04, ZT06, ZAB^{+}09, dT07b, dBWBP06, WLFC08]. **Model-driven** [ZW07]. **model-mediated** [Win06]. **Modeling** [AD06a, AF02a, BCJ^{+}08, BSGT08, BMD^{+}08, BLZ07a, BLZ07b, BKCR01, BSWM00, BMS05, Bye09, Can07, CXZ^{+}09, CAF03, CH05a, CMTU01, CRNP07, CS02, DMO^{+}07, DLRP07, DTM07, FM07a, FI00, Gag00, Gar02, GT06a, GS02b, GP08a, GCS07, GF02, HAG03, HSG05, HMB^{+}08, HDRM00, Hen04, HKP07, JK06, JLS01, JEHK06, KLL07a, KS01c, KCA03, KG02, LGB02, LGK^{+}09, LGK^{+}12, LG04, LTG^{+}04, Len01, LKM06, LT08, MM02a, MMV^{+}04, MRC09, MCB07, MM00a, NAP04, OLBM08, OD03, PDM04, PGM00, RGF^{+}08, RR08, RGW^{+}05, RGFP07, RP09b, RW08, RGG00, SGTF07, Saf05, SRN07, SBPC05, SYSY02, SCC^{+}00, SM06b, Sta00a, Sta00b, Sta00c, SRN^{+}00, Thi04, TLA00, TMS00, VWR07, VDV00, WM00, WQ00, Wan00, WDH^{+}09, WMS08b, WR07b, WLHB07, ZMQX01, ZPP08, dQW07, AM08, BBKGP08, Bak07]. **modeling** [BBM03, BBM04, BB06a, BRND09, CLH07, CSR^{+}05, CTB^{+}05, CP07, CB05, CXM^{+}09, CTS^{+}08, CV08, CSD09, DT07a, DCP+08, DHRM08, DSA+06, FTG07, Fer09b, FFME08, FS04b, GKXS07, GST08, HK07, HIM09, HML04, HKC+07, JHJ09a, KCP07, KCP09, KSEK09, KS09, KSO06, Koh07, Kom06, KJD08, KI04, LM09, Lin07, MLA04, MCK07, MGL+06b, MCMS06, MSL04, NKL06, ØKRG04, RK05, RKF06, Sch08a, STK08, SN05b, SS05a, SRAL12, SML07, SML08, SZLM09, SZ09, WRG+04, WKRD09, Yan09, ZSRB07, dPGR06, vAR09, vAGDR09]. **Modelled** [SBH01, KS08a]. **Modelling** [AB06, AJ08, BCKE+08, Ben04a, BGMM08, BKE03, BKE04, BTCD07, BC02, CHdV06, CSM02, CB07b, CS00, DLGC02, DFP+08, DEM+00b, DF08, EKIL01, EBM07, FF02, FPM+06, Ghi02, HMGK06, HCMF01, HCB+02, HCM+07, HM06, HGP+07, Kal00, KRNG08, LPLC00, LBSP06, LMT05, LSMLB+02, MBD08, MG09, PS03, PCS+06, PB02, PBR01, QB06, RKH08, SK05, SWS02, SG07, SCH02c, Sin07, VW03, Wal07b, WGH01, WRNB04, XK07, ZTKH09, ADHM09, APS06, AB03, AIKP06, AP09, BKMH07, BBK04, CD05, CDB09, CCT+09, DFSD05, EAC+06, FBM06, GC08, HF03a, JST+08, JWB+09, KI05a, KRB05b, LGB03a, LGB03b, LWRK07, LSMB+03, MCC+09, MGP+08, MSS05, MAC06, MHKS04, OBL04, PHdB09, PLG+06, Rej07, RGRB04, SMH07, SGM08, SVN+05, WRKK09, WBD+09, XBCF05, YZGW06]. **modellings** [Cud05]. **Models** [ABP+03, BP00, BLMV01, BG00b, BKF00, BB02, BM03b, CZM09, CBBH01, CPR00, CSP01, Dai02, DKD02, DM00, Dus02, EP00, Ell01, GS02b, Gro02, HS02b, HLW00, HR00, HLS01, JJ01, KS01a, KW00b, KMI02, LHD+01, LM01b, MS05a, MS07b, MHKS03, MWB+02, Mur00, OW07, ORM03a, OSBH02, Pep00, QB00, RSD+01, RSBY03, RHH08, Rua01, Sch02b, SKN+03, SFV02, SIMK02, Sne03, Sol01, Tyr01, VSCG00, VDV00, WT01, Wal00, WBH04, YCC02, YTAK01, YD09, Zah00, AC04, ACR06, AMP06, AFD+06, AVSHV04, Ari05, AROS07, BDMR06, BG08, BEF+06, BT06, BSS+07, BdSFFDMC09, Bul06, BC04b, CSP+08, CSP+09, CAS05, CXM+09, CE08, CF09, CSS08, CRL06, CTB09, CP03, CPG09, DRV+08, Ded09, DBBC08, DHR+07, DS04, DGS09, DSVBW07, FR06, FSS06a, FLWB07, FJBK05, GC08]. **models** [GK04, Gie03, GXG03, GT03, GKK06, GMY09, GG09, GEK04, GRBR04, GBK+07a, HED06, Hol06, HC07a, Hur06, IiKY07, ITM+07, Jus08, KGD09, KM08, KR07, KI09, KS08b, KCHP08, KI05b, Lap03, LS08a, LFSG+05, LTI08, LLW09, Lor06, LP07c, MGL05, MX08, MSdlPS09, Mat06, MM09, MTS05, MRA06, MNL+07, MJ07a, MGDBdM08, Nar06a, NLS08, OAKC08, PHG04, PSM06, PBB03, PB06, RMP08, RH09a, RH09b, RK07, RDF03, RPNH03, RBP+09, SNCM09, SES08, SC03, SB09a, SDS04, SI06, SCH05b, SZLK+05, SMPM09, SVS04, SHRR06, SF08b, SLHN06, SN07, SLH+09, Smi08d, SX06, SH08b, Sta09, Ste04, TWE04, VCGV07, WMS08a, WTL08, WW07, YB07, ZRSK07, dPCP+08, vV06]. **models-measles** [GXG03]. **modes** [BS05a, Fer09a, JTGP06, KP06, LP07b, MA03b, PAH06]. **Modification** [OF05, TG09b]. **Modifications** [PKA02]. **Modified** [MBB02, NA02, JDMZ+07, Lin08, MS03b, MGL+06b, RBW09, WVA05b, vLHH06]. **Modifier** [VGCGM+02]. **modifiers** [SB09a]. **Modifying** [Gre00]. **Modular**

[BWHK02, PSPF07, SPAH06]. **modulate** [WO04]. **modulated** [HdGH07, YBV$^+$00]. **modulates** [GP08b]. **modulating** [TLZ05]. **Modulation** [FK01a, Lan00b, MW01, NS07, SB05, vdBWLS07]. **modulators** [HG08]. **Module** [KPS02, Kri09, LPB$^+$04, ST03]. **Modules** [Phi02, FLS$^+$04]. **mol** [Bat09]. **molar** [SPF08]. **mold** [TTT09, TKN07]. **Molecular** [AH00, AGCLMM03, For07b, For00b, HB07, IV02, JB04, KW00a, Lin01, NLM$^+$08, PDA$^+$00, RB02c, RKL02, SSKL01, SHF02, Tur02, TN01, WZW$^+$07, Yan09, ZZW07, AHT$^+$07, AJ08, AMD05, AMD06, Bok06, Cal06, Fox05, FS04b, FWE06, GG07, HA07, HBB08, ITT09, KOT07, LN05a, LBQ$^+$05, LT08, LLO08, Mas03, OAC03, RNS04, SV03, Tay06, XWD$^+$01, ZRSK07, Zhu09]. **Molecule** [PD01, Di 04, Di 06b, Di 08]. **Molecules** [HS03, KY02, GE05, PPGS03, WSM05, vdBR03]. **moment** [Lio09, Mag04, MDL04, Sac05, SM06a, UW09]. **moment-angle** [Mag04]. **Moments** [Kee00, XWC08]. **monitoring** [YHI04]. **Mono** [KDK02]. **Mono-species** [KDK02]. **monocytogenes** [IGHW07]. **Monod** [DMPS05, GC09]. **monoecious** [MT06a, MT06b]. **monogyny** [FMH08]. **Monohydric** [CCGC02, Ril00]. **monolayered** [DSZ09]. **monomer** [Kli06]. **monomeric** [Sar04]. **monomers** [Cib08]. **monophyletic** [Di 06b]. **monospecies** [CCV08]. **monospermic** [MA03a]. **Monotone** [DBB09]. **Monotonicity** [GSG$^+$07]. **Monte** [ACK08, GFW$^+$09, HW05, HW06, SPAH06, SIHH04, WFGP04]. **mood** [Net09]. **Morales** [VGCGM$^+$02]. **Morbidity** [Wel00b]. **Morocco** [Ano00-30]. **morphogen** [Cin06]. **Morphogenesis** [GBG01, Hog00, RB09b, HM06, HIM09, Shi06a]. **Morphogenetic** [Lin01]. **Morphogens** [Cum01]. **Morphological** [AF09, KS01a, LST00, TTKZ01, NS07]. **Morphology** [CR01, MH02, CB07b, MRJR09, TTT09]. **Morphs** [ARKL02]. **Mortality** [Cha01b, Har01, HLW00, Jam01b, Wel00b, YHG$^+$02, Abr09, ACK09, BPC08, BLZ07a, BLZ07b, Bon06, GEF09, MM09, MI08a, MI08b, MJ07a, ZAdlPLM07]. **Mortality-rate** [HLW00]. **Mosaic** [Kor07, LN02, Moc02, TMI03b, She06]. **mosaicism** [Fra03]. **mosquito** [NBMS06]. **mosquitoes** [Mar09b, RBW09]. **most** [CMB$^+$01, IvDH$^+$08, Lac09]. **moth** [NLS08]. **Mother** [Wel03]. **moths** [Bye05, RRS$^+$07, TNTJ08]. **motif** [HJ05, KS08b]. **motifs** [BKKR08, HVY$^+$07, IS08, PCB07, YDL06a]. **motile** [DECEK06]. **motility** [CLM07, GA09, JA05, MGS08, UI04a, UI04b]. **Motion** [Arm01, IK02, UI02, YMC01, BLS$^+$09, GE05, GSNH08, LAG09, Wes03]. **Motional** [Mal00, NS07]. **Motions** [Fur02, GR05, RB09a]. **Motor** [Ats01, Wan06, Bak04, FWE06, GG07, LN05a, MFB01]. **motor-cargo** [FWE06]. **motor-driven** [FWE06]. **Motors** [Ats01, ITT09, LBQ$^+$05, Mas03]. **Mountain** [PKW$^+$00]. **mouse** [DZB$^+$04, GK09, LK06, MSMKM06]. **mouth** [TK09a, TK09b, VAAH05]. **Movement** [JEDH08, Kut03, Mal02, VMW02, Akt04, AV05, BZ04, BNRW04, CBC$^+$09, DO04, FL09, FKS07, HCM$^+$07, HWCF07, HC07b, LK08a, PS03, Pal08, PDM04, WRNB04]. **Movements**

[MV02b, DBG06, FM07a, GNLEK07, JBF$^+$03, VAAH05]. **moving** [Pic06]. **MR** [RGB06]. **mRNA** [CS07, HS03, WAMO00]. **mRNP** [Kut05]. **mRPE65** [GZG07]. **MRSA** [MWD08]. **Mt.** [AH03b]. **much** [AFZ08, PDM04]. **mucosa** [GT08]. **mucosal** [Agi04]. **Müllerian** [JI05, KS06, She06]. **Multi** [Bol06, BC02, CLH07, Gar02, HW01, LMT02, MK06, MMUGD09, Pin00, XWD$^+$01, Zah00, AB07a, BBK04, CKM05, CCZC08, CHR06, DMW04, EL05, FMHW08, GASA09, Jus08, Lit07, MBBR06, ML08a, ML08b, PCS$^+$06, PCZL05, PCZL06, Răd09, RA08, SWN07, SHRR06, SH08b, SH07]. **Multi-aligned** [XWD$^+$01]. **multi-class** [MBBR06]. **multi-compartment** [Lit07]. **Multi-dimensional** [LMT02, CHR06, RA08]. **Multi-drug** [Gar02]. **multi-etiology** [Răd09]. **multi-factorial** [DMW04]. **multi-features** [CCZC08]. **Multi-level** [HW01]. **multi-male** [BBK04]. **multi-pedal** [SH08b]. **multi-person** [EL05]. **Multi-player** [BC02]. **multi-predators** [PCZL05, PCZL06]. **Multi-scale** [CLH07]. **multi-site** [Jus08]. **Multi-species** [Bol06, ML08a, ML08b, PCS$^+$06]. **Multi-stage** [Pin00, FMHW08]. **multi-staged** [SHRR06]. **Multi-state** [MK06, Zah00]. **multi-strain** [AB07a, CKM05]. **Multi-target** [MMUGD09]. **multi-trait-based** [SWN07]. **multi-trophic** [SH07]. **multi-type** [GASA09]. **Multicellular** [LPLC00, MKLD02, AMD05, AMD06, EPJ$^+$09, EPJ$^+$11, Pal08, PA09b, PA09c, VHF06, YFK05, ZAD07]. **multicellularity** [MVS$^+$06, Ots08]. **Multiclass** [AS09]. **multicomponent** [FS07]. **Multifractal** [GBLV03, CML08, YAL04]. **Multifractality** [ASMD06, Zam03]. **Multifractility** [Zam01]. **Multigame** [Gag00]. **Multigroup** [HLS01]. **multilevel** [DCP$^+$08, FZ07]. **multilocus** [LFFT06]. **multinomial** [BE08]. **Multiperson** [Uit09]. **Multiple** [BR01, CS02, EP00, Ell01, ES01a, IKS00, OKTS02, PDC02, SI01, TH00, XWD$^+$01, YHI04, ATO$^+$09, BWvK$^+$08, CWDM06, CMW08, Eti09, GHHR03, Gro04, KDKS06, LVL08a, LVL08b, LZ09b, MPA$^+$08, PLB$^+$05, RDH09, RK06, RMP08, RA06, SWI07, SKR06b, SI04c, VCGV07, Wax09, ZSF$^+$07]. **Multiple-Competitive** [OKTS02]. **multiple-strain** [CWDM06]. **Multiple-year** [YHI04]. **Multiplicative** [Kee00, KE09, BDR08, HHP05]. **multiplicity** [EZM05, LG04]. **multipotent** [RDYH09]. **Multiscale** [CBB07, AD06b, BRS$^+$09, RSC$^+$06, ZAD07]. **multisegmental** [STSD09]. **multiserotype** [BSS$^+$07]. **Multisite** [CT02, CKS07, TG09b]. **multispecies** [BIB07, WLFC08]. **multistable** [MWS09]. **Multistage** [MLMW01]. **multistationarity** [KST07]. **multistep** [SBGA04]. **multitaskers** [DW08b]. **multivalent** [CPG09]. **Multivariate** [TKKA04]. **Münch** [DLGC02]. **Muscle** [CC01c, DSCD02, HFGB02, NB02, Nie02, Zah00, BFG08b, BFG08a, FKAC06, GD06, HTCS07, JTGP06, KBT08, Kok04, LN05a, LKM$^+$08, LW08a, LK08c, LAG07, Mag04, NMH07, Nos06, PC09b, RSB09, SdAC$^+$08, TW04, TSRB08, Wes03, dBWBP06]. **Muscles** [Cha03, JMB00, FB08, KH09c, LBQ$^+$05, Mag04]. **muscular** [BL08, DC09, Kok04, LME06]. **must** [RH04]. **mutA** [Dor03a]. **Mutability** [LT09]. **mutagen** [Tan07b]. **mutagen-response** [Tan07b]. **mutagenesis**

[BKP09, GWPW04, SW09]. **Mutant** [MB00, MGP00, HM05, MSMKM06, WK05]. **mutants** [BMT04, Raf02, UH09]. **Mutate** [MS09b]. **Mutation** [ATO+09, Cha01b, Kam03, Kel07, KSN03, MM00a, NL03b, SN03, SP05b, TAN09, WN05, WW00, WAL06, ANT09, Blu07, Bul08, Fuk04, Fuk05, JWH08, JCRJ07b, JCRJ07a, KT07, LJ09a, RBJ06, Whi05, XSD+05]. **Mutation-Accumulation** [Cha01b]. **Mutation-selection** [ATO+09, Kel07, KSN03, TAN09, Fuk04]. **Mutational** [GKM+00, FAW06, GK06b]. **Mutations** [AH00, AS00, Kaw01, Pál01, SK01, Arc05, BM08, EL05, KMC+07, LS03, Orr06, SR08, SN05b]. **Mutator** [AF01, Kom04]. **Mutual** [IS08, RGG00, Nar06b]. **Mutualism** [FDG02, FFIS07, MCC+09, Sch05a, YHBW04]. **mutualistic** [BCP+07, GMdA+07, JBK04, MPD+07, YNO09]. **Mutualists** [LBF01]. **Mutually** [KY02, NA03]. **Mycelial** [BJD+02]. **mycobacterial** [PBMU+09]. **Mycobacteriophage** [Kun00]. **Mycobacterium** [MK04, SKI+06, RWCK08]. **Mycorrhiza** [PBT02, Smi09]. **mycorrhizal** [YNO09]. **myelin** [Dim05]. **Myelogenous** [AM01, CM05a, DKLL05, ML04]. **myeloid** [PTD09]. **myocardial** [LZS+08]. **Myocardium** [CBBH01, KNC+04]. **myocyte** [Hop06]. **myocytes** [JK06]. **myofibril** [STSD09]. **myosin** [LBQ+05, Mas03]. **Myrmeleon** [Bur09]. **Myxobacteria** [Ost04, AV05]. **myxomatosis** [FMLP06, FGMP08].

Nagumo [ACK00]. **naive** [DdB03]. **naming** [DT06]. **nano** [HDNC04]. **nano-signal** [HDNC04]. **Nanoarchaeum** [Di 06a]. **nanobiology** [HB07]. **Native** [PGLG01, JAV07, MS08b, OQGC07, YHI07]. **Natural** [DML02, Di 00a, FR07, GGPFM08, GA08b, HW06, KB02, KK00c, MK01, MGDBdM08, PB02, SSR04, WS06, Wel00b, YL00, BZ05a, BZ05b, Cor05, DGZ07, FMLP06, Gab06, HW05, MHMGM08, Mil08, MPL06a, PBH04, Smi08a, Smi08b, Smi08c, Wit03]. **Natural/random** [MGDBdM08]. **Nature** [CDHJ02, KS01b, Pel00, Her09, KE09, Leo07, SZC+03]. **Navigation** [Möl01, Möl02, MM00b, Wal00, Ben03, LRB+06]. **navigational** [GRBR04, HMGK06]. **NB** [PCB07]. **NB-ARC** [PCB07]. **Near** [BW06, KW00a, KY03, SJ03]. **Near-periodic** [BW06]. **nearest** [DCL09, NGTB06]. **nearest-neighbor** [NGTB06]. **nearly** [Ait08, LJ09a, Ten08]. **Necessary** [AA04, CD02, KST07, KE09]. **Necessity** [MKT+00]. **Neck** [MFB01]. **nectar** [GHHR03]. **Needed** [BS00, RHF07]. **Negative** [CD02, PGM00, KLK06, SA05a, TBCD06]. **Neglected** [Ghi02]. **Neighbor** [MGS09, DCL09, NGTB06]. **Neighborhood** [Kaw01, BGF07]. **neighbourhood** [IKD04, SSS08]. **nematode** [HCM+07, RW08]. **neocortex** [Bon04a, Bon04b]. **neonatal** [Sch08a]. **neoplasm** [Izs05]. **neoplastic** [TMH04]. **neovascularization** [KM05]. **Nephropathy** [RBBH02]. **Nerve** [Tas02, VW00, Tas05]. **Nervous** [CMW02, Rec02, Sil09, SPE08]. **Nest** [KB02, PRT04]. **Nested** [GS02b, WT01]. **nestedness** [BCP+07]. **Nests** [CB00]. **Net** [MSS05, MCN08, NS03b, Che06b, GNLEK07]. **nets** [AIKP06].

Netscan [CFM04]. **Network** [AOH03, AJ05, Ano01c, Bjö02, BS00, CS06, GL01, GP00, GG01b, HI00b, HDZ$^+$07, KR07, KPS02, MAB00, MPN$^+$05, MBB02, PPEøP02, PRP$^+$03, PD00, See00, AJOK09, ACK08, AGZ$^+$06, BMT04, BR06, BMR08, BTA08, DB08, DLF$^+$07, FB06, GABK08, GGK05, GP08a, GBK$^+$07b, HVY$^+$07, HBS07, HSMM07, HDW$^+$09, HSK$^+$08, IiKY07, IS08, INSR08, Ker04, Ker06, KSS07, LMVPM07, MSP03, ML09a, ML12, MGL06a, MGAR07, MSS05, Mat06, MPD$^+$07, MBRRI08, MGDBdM08, MSSS09, NGTB06, NTU06, PP04, PBMU$^+$09, PAVS03, RKRW08, San03, SVS04, TK05, TTT09, TO06, Tao04a, Tao04b, TKN07, TB04, TBC$^+$08, UL06, VGDSU09, VTG$^+$06, WBR08, WBR09, XT06, YYA09, YZHZ09]. **Network-based** [KR07, PRP$^+$03, ML09a, ML12]. **network-QSAR** [VGDSU09]. **Networks** [BWHK02, BHJ03, CMW02, GP01, HAG03, HW01, MY01, MCWF01, MWB$^+$02, Rae02, SCGFS00, Ait08, AHCN07, ABKR07, AFD$^+$06, AGW$^+$06, AGW$^+$08, AKLS05, BDMR06, BBPSV05, BCKE$^+$08, BBCQ04, BWvK$^+$08, BEF$^+$06, BLF$^+$09, BCRG04, BLS06, Bok06, BFP07, BB09, Bra05, BOvD08, BGD$^+$06, BCP$^+$07, CAS05, CFM04, CGK$^+$05, CABB09, Cud05, DTG09, DB08, ELJ06, FM07b, FFTS09, GAT07, GDS07, GMdA$^+$07, GSNH08, HGH08, IYGA08, IS03, JQR08, Kau04, KS09, iKIY09, KSN03, LS04b, LR07, LL07, Lie05, LMT05, MGL05, MH09a, MK06, Mas09, MNP06, Moc05, Moc08, MLPJ09, MS05b, MWL$^+$07, NAP04, NL04, NSS$^+$08a, NAS07, NGMS08, OBDJ06, OB04, PP04, PSSS03, Péc05, PWK03, PWG09, PHdB09, PSWK09, PB06, QD09, QB06, RKYH06, RAK$^+$08, RK07, RB09b, SGCK$^+$08, SZC$^+$03]. **networks** [SK05, SPAH06, SPF08, SVGK07, SR08, SSB06, SM06b, TY06, TG09a, TKKA04, TC09, TGV$^+$07, UM08, UW09, VFC$^+$09, VdGN$^+$05, WCA06, Wil08b, WS03b, ZRSK07, ZPP08]. **Neural** [Bjö02, BS00, Car02a, HAG03, RWK08, SP05a, BL08, BTS08, Bod08, Bok06, HDW$^+$09, JHJ$^+$09b, NGTB06, OSJ08, RAK$^+$08, Rue07, UL06, WR07b]. **Neurites** [FMF$^+$00]. **neurobehavioral** [MKS$^+$09]. **neurobiological** [LAG09]. **Neuroblastoma** [FMF$^+$00]. **Neurochemical** [MA07b]. **neurodegeneration** [CL05]. **Neurofilament** [FMF$^+$00, CBF05]. **neurogenesis** [SLH$^+$09]. **neurohormone** [KCV05]. **neuromuscular** [BFGD07]. **neuron** [LL05, LCL07a, LCL07b, LL09, Sev06]. **Neuronal** [CPC$^+$00, MM02a, MBB02, SM02, Fen03, FL03, MR07b, OUPG09, RKH$^+$06, WCLL08, WCH$^+$09]. **Neurone** [FTEG02]. **Neurons** [PB02, FB06, LFSG$^+$05, VL09, WKRD09]. **Neuropathy** [RBBH02]. **Neurophysical** [Rob03]. **neurophysiological** [RRR04]. **Neurospora** [BMT04, RVMR01, SG04]. **neurotransmitter** [GBK$^+$07b, Pán08]. **neurotransmitters** [Che06b, MS07b]. **Neurotrophic** [VW00]. **Neutral** [AOH03, JQR08, Ait08, AK09, CGK$^+$05, EAM07, Eti09, HE08a, LJ09a, MWL$^+$07, PC04]. **neutrality** [ALM09]. **neutralization** [WM04]. **neutropenia** [BBM03, BBM04, CM05b, FBM06]. **Neutrophil** [HDRM00, LCHK09]. **Newton** [Can07]. **NF** [HJ06, LPB$^+$04]. **NF-** [HJ06, LPB$^+$04]. **NG108** [WCLL08, WCH$^+$09]. **NG108-15**

[WCLL08, WCH^{+}09]. **Niche** [KF03, BFK08, CB08a, GEF09, GD08, SMPvdB08, SM09b]. **niche-model** [GD08]. **night** [Ale09, Cal06]. **Nigral** [PB02]. **Nile** [MY09]. **Nitric** [CS00, SWS02, ND04]. **Nitrogen** [HHR01, PBT02]. **Nitrogen-fixing** [PBT02]. **nitzschia** [SWM09]. **nk}** [WW05a, AH08, Ait08]. **No** [LBSS02, IS09, LW04, KBT08]. **no-defense** [IS09]. **nociception** [MA07b]. **Node** [öWO01, MK04, RK05]. **nodes** [MLPJ09]. **Nodules** [PBT02]. **Noise** [BHJ03, DS00a, FSGB^{+}02, MA04, Nei01, TTKZ01, UHI02, BDR08, Cal06, DLRL08, HSMM07, Lei09, Lei10, LRHB09, MKA05, OM08, OB04, Ped05, Ped07, SHPDL03, SR08, Ste04, Tan08, Tao04a, Tao04b, TKKA04, VL09, XT06]. **noise-induced** [HSMM07, SHPDL03, Ste04]. **Noise-reduction** [MA04]. **Noise-Resistant** [UHI02]. **Noisy** [RK07, DTG09, DS04, LFSG^{+}05, LMT05, Tlu07]. **nomadic** [HMGK06]. **Non** [ARKL02, ANL01, BGP00, DVC^{+}04, Di 01a, DBHS00, EN02, Fra00a, LLCM01, LHD^{+}01, MJW00, PC04, Ref04, SBH01, SS00, TH03a, WT01, AFZ08, AP04, BCV^{+}08, Ben03, BR08, DMPP09, DBBC08, Di 06b, FHL^{+}06, GC08, GZK06, IS03, JAHKH09, KJD05, KMC^{+}07, KY03, LB06, LKC07, MM09, MGL^{+}06b, MC06, MF05, NP07, NP08, NA03, NP05, PD06, RPNH03, Saf09, Sar04, SWB06, SKK^{+}07, TIM06, VTL05, ZW03, ZYD^{+}05, SH03]. **non-additive** [NP08]. **non-autonomous** [MC06]. **Non-banker** [ARKL02]. **Non-central** [LLCM01]. **Non-coding** [DBHS00, AFZ08, KMC^{+}07, NA03, ZW03, ZYD^{+}05]. **non-deformable** [MF05]. **non-diauxic** [NP07]. **non-disulfide** [SWB06]. **Non-electrolytes** [SS00]. **Non-enzymatic** [ANL01]. **non-enzymes** [MGDM08]. **Non-equilibria** [EN02]. **Non-exchanging** [SBH01]. **Non-excitable** [BGP00]. **non-homogeneous** [Saf09]. **non-infested** [KY03]. **non-lethal** [BR08]. **non-linear** [JAHKH09, MM09]. **Non-local** [LHD^{+}01, GC08]. **non-monophyletic** [Di 06b]. **Non-nested** [WT01]. **Non-neutral** [PC04]. **non-normal** [VTL05]. **non-optimal** [NP05]. **non-oriented** [BCV^{+}08]. **non-orthogonal** [Ben03]. **non-phosphorylated** [TIM06]. **non-photic** [SKK^{+}07]. **Non-photochemical** [DVC^{+}04]. **non-preferred** [KJD05]. **non-random** [AP04, SH03]. **non-redundant** [DMPP09]. **non-sexual** [DBBC08]. **Non-specific** [Fra00a, MJW00, GZK06]. **non-spherical** [LB06]. **non-stationarity** [FHL^{+}06]. **Non-stationary** [Ref04]. **non-steady** [IS03]. **Non-steady-state** [TH03a]. **non-synaptic** [PD06]. **non-typeable** [LKC07]. **non-uniqueness** [MGL^{+}06b]. **Non-universality** [Di 01a]. **non-vertebrate** [Sar04]. **non-viraemic** [RPNH03]. **Nonequilibrium** [KSM02]. **noninactivating** [WCH^{+}09]. **Nonlinear** [ARW00, KRGH07, KJD08, ML07a, ML07b, MBB^{+}06, RK05, Vei03, YZGW06, Amz04, CB05, DMQ04, DSVBW07, Fox05, Mil05, QHF^{+}07, TSC04, WLFC08, dT07b]. **nonsense** [GW06]. **Nonspecific** [BM04]. **noradrenaline** [BFGB04, BFG05]. **norm** [vVH07]. **Normal** [AF01, SMBM00, ABM04, GT08, IZGG05, VTL05, vLBJK07]. **Normality** [Gin00a]. **Normotensive** [CCP^{+}00]. **Norms**

[BR02, Gin03, HB01, CSP06, NL04, OI06, OI07, Sch09]. **North** [OBPH$^+$08]. **nosocomial** [UM08]. **Not-self** [CMB$^+$01, For01]. **Notch** [GP08a, RGSFM07, BGB08]. **notch-mediated** [BGB08]. **Note** [MGL03, LRT04, Roe08]. **Notes** [Jam09a, NDE06]. **notion** [MV07]. **Notions** [Rei02a]. **Novel** [JAJH07, KSR07, MPOBD$^+$09, MKN02, UKY$^+$09, BSGT08, FTG07, HQP08, HGH08, JHJ09a, TLZ$^+$08, YSW09, ZLLZ09]. **November** [Ano00f, Ano00l, Ano01i, Ano01o, Ano02f, Ano02l, Ano03x, Ano03-30, Ano04-52, Ano04-37, Ano05-34, Ano05-39, Ano06-33, Ano06-38, Ano07-32, Ano07-38, Ano08-29, Ano08-35, Ano09-28, Ano09-34]. **novo** [RGW$^+$05]. **NP** [NGMS08]. **NP-hard** [NGMS08]. **NS** [RGF$^+$08]. **Nuclear** [CSC03, SK01, Kut05, TR08]. **Nucleation** [Sil02]. **Nucleic** [DSY01a, DSY01b, AC04, Dal06, For07a, For07b, MPOBD$^+$09, WBSY06]. **nucleosomal** [Aba09]. **nucleosome** [LDW04, LDW05]. **Nucleotide** [HGB$^+$00, MPOBD$^+$09, NA02, OKS01, KKR$^+$07, MWCS04, Wal07b, WTL08]. **nucleotides** [AB07b, KOK06, LKW06, QWQ07, QWQ09]. **nucleus** [Bel06, KA03b]. **null** [BMT04, PSPF07]. **null-space** [PSPF07]. **Number** [AIK00, Cha03, EH00, HS03, ISWT02, Ken02, Kru02, Orr03, TTKZ01, YALT00, Alb08, CHCC$^+$04, GOP09, Moc05, NS05, NDE06, NI07b, Ros05, SH04, SH05, SA05a, Wal07b, Yan08, ZYD$^+$05]. **numbers** [HP04]. **numeric** [SHPDL03]. **Numerical** [CMS$^+$00, EBId09, KKK00, LJL08, WPE03, BGE06a, DqLmW07, FWE06, GBK$^+$07a, LTW06, MGAD09b, SM09a, WLFC08, dQW07]. **nurses** [KV05]. **Nutrient** [BJD$^+$02, DO00, Rua01, Arc07a, Gro04, JD09, KUK07, MFI09, RF04b]. **Nutrient-free** [DO00]. **Nutrients** [Gro02, Gro04, MW09]. **nutritional** [SZ04].

O [DNS00]. **O157** [TBB$^+$06, TBC$^+$08]. **oak** [NAV04]. **obesity** [CGS05, WG03]. **Object** [Ano00a, wTA09]. **object-oriented** [wTA09]. **Objects** [Nak01, Nak03, Cud05]. **Obligate** [RH04]. **Observations** [SPH03, ISW04, Ort06, SC03, Voi03, Won05]. **Observed** [OKS01, Wal00, BDMR06, LRT04, MGL05, PE04]. **observer** [Nak01]. **obtain** [NM09, PP04]. **obtained** [FP03]. **Occupancy** [GF02, LMH04, PBvdG09]. **Occurrence** [SC03]. **ocean** [SZC$^+$03]. **octamer** [Aba09, LDW05]. **October** [Ano00v, Ano00y, Ano01x, Ano01-30, Ano02a, Ano02o, Ano02v, Ano03-41, Ano03-43, Ano04-44, Ano05-44, Ano05-50, Ano06-50, Ano06-53, Ano07-47, Ano07-50, Ano08-46, Ano08-51, Ano09-39, Ano09-43]. **octopus** [SN06]. **ODE** [PHdB09]. **Odor** [LdGH09, Tur02]. **Odor-mediated** [LdGH09]. **odorant** [OY03]. **odour** [Rue07]. **Odours** [Mau02]. **off** [ALM09, BHWB05, Ger09, HBWB08, KSB07, PG01a, SH04, SH05, SA05a]. **offenses** [Jes06]. **offs** [BH01, RGFP07]. **Offspring** [Jam00, Jam01a, MMTS02, Wel03, GI09, Hel08, Jam04, Jam07, Jam08c, SH04, SH05, SE07]. **often** [GMFS06, RHM$^+$08, SFVA09]. **Oja** [RCA09]. **Old** [HYA02, NM08].

older [Bla04]. **olfactory** [Bye05]. **Oligochaeta** [ACD04]. **Oligomeric** [CPC^{+}00]. **Oligonucleotides** [ANL01, FC01, KTP09]. **Omnivory** [Van06b]. **Oncogenesis** [RSD^{+}01]. **oncolytic** [ZW07]. **onconetworks** [QHF^{+}07]. **One** [ACLW03, BP08, LCL07a, LCL07b, LL09, WDH^{+}09, BZ04, ETH04, KK00c, OBN07, PCZL05, PCZL06, SX06, WTL08]. **one-** [WTL08]. **One-dimensional** [ACLW03, WDH^{+}09, BZ04]. **One-hit** [LCL07a, LCL07b, LL09]. **one-predator** [SX06]. **one-prey** [PCZL05, PCZL06]. **One-third** [BP08, OBN07]. **ones** [FM07b, LD09a]. **only** [AD07a, Di 06b, Smi08d]. **Onsager** [OP05]. **onset** [JEHK06, QHF^{+}07, SRN07]. **Ontario** [CFCGCC03]. **Ontogenetic** [CACC02]. **Ontogeny** [Kov02, DF08]. **ONYX** [ZW07]. **ONYX-015** [ZW07]. **Oogamy** [Dus02]. **operating** [RNP04]. **operational** [TC09]. **Operon** [Che03b, LMH04, Nar07, NPN09, RGF^{+}08, SZ04]. **operons** [YMLK04]. **ophthalmology** [EH08]. **Opioid** [SPC02]. **opportunities** [Roe07]. **opportunity** [BKMH07]. **optima** [Ait08]. **Optimal** [Bjö02, CC01c, CF07, CL00, EH00, HF03b, ISW04, IS09, JITJ09, KF03, KW07, KH07b, KT07, LD09a, LS08a, LW08a, NS05, Noe00, Pel00, PAD00, PE00, RBW09, SI01, SI02, SHI03, WH00, YFH^{+}07, YYI03, YHI07, AK04, Arc09b, Bul08, Bur09, CP07, FYX^{+}09, FL09, GMY09, HQP^{+}09, HH04c, HH05b, Kin07, KV04, LH06, LP08, LHDvdM04, NS06, NP05, PLH05, Paw07a, PB06, SH04, SH05, SS06b, SE07, SD06a, SD06b, SI04c, SN05b, Ten08, Wak05, YOYT07, Ale09]. **Optimality** [Bul06, NGT05, Nei01, GNH^{+}05, KCS^{+}06]. **optimisation** [JAHKH09]. **Optimising** [RB09a]. **Optimization** [BR01, BS00, CEA07, Gra02, Gra06, HML04, HGB^{+}00, KSM02, MV02a, MV02b, MV02c, PSSY09, Sne03, ALM09, Apa09, HFY07, Hor08, LZ09b, RAHO06, SI04b, STMH04, VCBV^{+}06, YHI04]. **Optimized** [SKN^{+}03, APS08, AS09, ZCD05]. **Optimizing** [AC07b, CSW^{+}08, GCP04, MSS07, FT09a, ILDP04]. **optimum** [FP04a]. **Optional** [HDHS02]. **Options** [SI01, SI04c]. **Oral** [COS01]. **orb** [VCBV^{+}06]. **orb-weaving** [VCBV^{+}06]. **Orbital** [CS09, How09]. **Orbits** [WS02a]. **Orchestrated** [WL02]. **Order** [IK02, MC01, RPB03, TGR^{+}00, Ait08, AW06, Bog04, BP08, FY00, Hav04, KKR^{+}07, PBB03, RGPB08, SK09a, WLZ^{+}06, ZXWF08]. **order-dependent** [ZXWF08]. **ordered** [NS09a]. **ordering** [FmW08]. **orders** [Kun03, Kun05]. **ordinary** [SBGA04]. **Organ** [ABR02, Ken02]. **organelle** [Pic06]. **Organelles** [KK00b, Dru03]. **organic** [BÅ03, BSJ04, Lap03]. **organism** [JWH08]. **Organisms** [Cha01a, CMW02, Mcn00, MN01, MSI01, Pál01, PKL01, Arc05, NDD08, YNO09, YFK05]. **Organization** [BPZ^{+}01, KB02, NC02, PAVS03, CBC08, ELJ06, FMI05, Gab06, GS06, GJ07, KG06a, LRD04, MB09, Oud05, QO08, RMF08, Sac04a, Sel06, Smi08a, WH07]. **Organizational** [LSAA^{+}06]. **Organized** [ORM03a, ORM03b]. **organizing** [AC04, MCM^{+}09, TG09a]. **oribatid** [CM09]. **Orientation** [HP00b, Jam01a, CS09, How09, SM03]. **Orientational** [CB07a, IPY07]. **Oriented** [SLP00, BCV^{+}08, MHKS04, wTA09]. **Origin**

[Arc00, DSY01a, DSY01b, Di 00a, Di 01b, Eld00, GS02c, GS00, GVK00, HA00, KY02, MZ02, NA02, Ste02a, WL02, WMLC02, Arc03, BZ05a, BZ05b, Bat09, Byw09, Cor05, CBC08, Dem06, DM07, Di 04, Di 06b, Di 08, Di 09, EPR07, EG07, LD09b, LZGL03, MH07, MVS+06, Syl06, Tay06, Wil09]. **Originator** [MOBN09]. **Origins** [BFG08b, BFG08a, Laz02, TCP05, Fis06, SKR06a, SKR06b]. **orphan** [Pán08]. **orthogonal** [Ben03, LJTD05]. **Orthogonalization** [Krá01b]. **orthogonalize** [SPE08]. **Oryza** [Mei05]. **Oscillation** [KMI02, SA08b, TH05]. **Oscillations** [BBM03, BBM04, GBD00, GG03b, ORM03a, PHL08, Rua01, UHK01, ACR06, BG07, CLB05, DBR+05, Fin06, GP08a, HJ06, Hen04, HS08, JK06, KR05, KG06b, KGG07, LN05b, LH08, LH09, LKM06, MS03a, MGP+08, Ped07, PM03, RvMK+05, SRR08, Ste04, SH07, TYI+06, WHH07, WAL06, dM09, vAGDR09]. **Oscillator** [GRG02, JG01, Cin03, MM08b]. **Oscillators** [OCP+00, PPR01, RGG00, UHI02, BGO08, FP04a, KA03b, WCA06]. **Oscillatory** [CKS07, KMH00, Mas08, GE05, HE08b, KGG08, LG04, SMCT08]. **oscillophore** [RvMK+05]. **osmolality** [Kur08a]. **osmometer** [Won06]. **osmotic** [GP08b, MM03a]. **Ossification** [Cub00]. **osteoblast** [LTG+04]. **osteoclast** [LTG+04]. **other** [Cha01a, Dru03, Gab06, Jam06, vV06]. **other-regarding** [vV06]. **Ottavio** [LHDvdM04]. **Out-of-Sequence** [MM02b]. **outbreak** [GR08a, HKC+07, MPN+05, WR04]. **Outbreaks** [PL01, BBPSV05, CFCGCC03, MSDM06, RGZ09, Vaz07, Yan08]. **outcome** [Gol07]. **outcomes** [Bol06]. **Outer** [TGP+00, Lin08]. **Outgroup** [OLS+02]. **Outgrowth** [DO00]. **Outlaws** [De 02b]. **outperform** [RB09a]. **Output** [DFC+02, BK05, CLHW07, KI05a, Tan07c, Wes03]. **ovarian** [KSO06]. **over-compensation** [Dam04]. **Over-exploitation** [De 02b]. **over-exploited** [SBI07]. **Overarm** [CC01c]. **overexpression** [GMFS06, KLK06]. **overgrazing** [Kon03]. **Overgrowth** [CSM05]. **overlap** [Kam03, RG05]. **Overlapping** [SSB+02]. **Overproduction** [SK09a]. **Ovide** [Kim07]. **oviposition** [CW08b]. **ovulation** [TLZ05]. **ovules** [SK09a]. **Ovum** [Nir02]. **own** [MH05]. **Oxidation** [CCGC02, Ril00]. **Oxidative** [SK01, SB09c]. **Oxide** [CS00, SWS02, ND04]. **oxidization** [JNWJWB04]. **oxidoreductases** [ZF08]. **Oxygen** [BL00, GP00, GP01, SP02, WGH00, CBB07, DMPP09, GT08, JTGP06, ND04, PCSL+06, San03, Sar04, TGV+07, WB06]. **oxygenation** [KHE06, PC09b].

P2X7 [BFG09]. **P40** [Kli06]. **P450scc** [SN05b, SPN06]. **p53** [BG07, PHL08, AJOK09]. **p53-Mdm2** [AJOK09]. **pace** [GINT09]. **Pacemaker** [INSR08, LGE00, SKK+07]. **pacemakers** [KMGDG04]. **Pacific** [PB07]. **Package** [SF08b]. **packaging** [MPOBD+09]. **packing** [ZSRB07]. **Paddlefish** [FSGB+02]. **pads** [SPG06]. **Pages** [Ano00q, Ano00u, Ano00w, Ano00-27, Ano00s, Ano00x, Ano00p, Ano00r, Ano00k, Ano00-29, Ano00t, Ano00z, Ano00i, Ano00o, Ano00j, Ano00-28, Ano00g, Ano00m, Ano00f, Ano00l, Ano00v, Ano00y, Ano00h, Ano00n, Ano01v, Ano01-27, Ano01t, Ano01y, Ano01z, Ano01-31, Ano01u, Ano01-28, Ano01j, Ano01p, Ano01w, Ano01-29, Ano01n, Ano01-32, Ano01l, Ano01r, Ano01m, Ano01s, Ano01i, Ano01o, Ano01x, Ano01-30, Ano01k, Ano01q, Ano02p, Ano02t, Ano02q, Ano02w, Ano02r, Ano02x, Ano02s, Ano02y, Ano02d, Ano02j, Ano02n, Ano02u, Ano02e, Ano02k, Ano02c, Ano02i, Ano02b, Ano02h, Ano02f, Ano02l, Ano02o, Ano02v, Ano02g, Ano02m, Ano03-36, Ano03-40, Ano03-32, Ano03-37, Ano03-35, Ano03-39, Ano03-42, Ano03-41, Ano03-43, Ano03-34, Ano03-38, Ano03u, Ano03-28, Ano03-33, Ano03t]. **Pages** [Ano03z, Ano03y, Ano03-31, Ano03v, Ano03-27, Ano03x, Ano03-30, Ano03w, Ano03-29, Ano04-46, Ano04-48, Ano04-43, Ano04-47, Ano04-54, Ano04-50, Ano04-56, Ano04-49, Ano04-51, Ano04-52, Ano04-53, Ano04-55, Ano04-42, Ano04-34, Ano04-38, Ano04-45, Ano04-41, Ano04-36, Ano04-40, Ano04-37, Ano04-44, Ano04-35, Ano04-39, Ano05-46, Ano05-52, Ano05-48, Ano05-51, Ano05-43, Ano05-49, Ano05-55, Ano05-56, Ano05-47, Ano05-53, Ano05-45, Ano05-54, Ano05-35, Ano05-42, Ano05-36, Ano05-41, Ano05-37, Ano05-40, Ano05-34, Ano05-39, Ano05-44, Ano05-50, Ano05-33, Ano05-38, Ano06-43, Ano06-45, Ano06-46, Ano06-51, Ano06-42, Ano06-47, Ano06-48, Ano06-52, Ano06-35, Ano06-40, Ano06-44, Ano06-49, Ano06-34, Ano06-39, Ano06-31, Ano06-32, Ano06-37, Ano06-33, Ano06-38, Ano06-50, Ano06-53, Ano06-36, Ano06-41, Ano07-44, Ano07-53, Ano07-46, Ano07-52, Ano07-48, Ano07-54, Ano07-43, Ano07-49]. **Pages** [Ano07-31, Ano07-37, Ano07-45, Ano07-51, Ano07-35, Ano07-41, Ano07-33, Ano07-39, Ano07-34, Ano07-40, Ano07-32, Ano07-38, Ano07-47, Ano07-50, Ano07-36, Ano07-42, Ano08-43, Ano08-47, Ano08-45, Ano08-50, Ano08-41, Ano08-42, Ano08-44, Ano08-48, Ano08-33, Ano08-39, Ano08-49, Ano08-34, Ano08-40, Ano08-31, Ano08-37, Ano08-30, Ano08-36, Ano08-29, Ano08-35, Ano08-46, Ano08-51, Ano08-32, Ano08-38, Ano09-40, Ano09-47, Ano09-42, Ano09-48, Ano09-41, Ano09-46, Ano09-38, Ano09-44, Ano09z, Ano09-32, Ano09-45, Ano09-31, Ano09-37, Ano09-30, Ano09-36, Ano09-27, Ano09-33, Ano09-28, Ano09-34, Ano09-39, Ano09-43, Ano09-29, Ano09-35]. **Pain** [HAG03]. **Pair** [Ell01, XFBC07, OS03, PD04, ST03]. **pair-rule** [ST03]. **pairing** [Tak06]. **pairs** [HGH08, Tak06]. **Pairwise** [Mad00, TPN07, WM00, Ste09]. **palliation** [MG09]. **palmate** [Whi05]. **PAM** [Di 01b, KK09]. **Panama** [LS08b]. **Pancreatic** [AMV+02, DS00a, JCK09, Ped05, WB04]. **pandemic** [CAHH06, HLA09, ITL09, JITJ09, MPA+08, PLH05, RDC09]. **Papain** [WP01]. **Paper** [LL01b, Jam08a, Jam08c, KNS05, NM08]. **papers** [Gel07]. **Papilio** [OST09]. **Parabolic** [SS01]. **paradigms** [SB09a]. **Paradox** [Eic01, MS08b, MPN07, MN07b, NP08]. **paradoxical** [OCA08]. **parageneses** [MB09]. **Parallel** [BP01, JP00, VO00, Yos03, Kur07, Kur08b]. **Parallels** [VW00, Bul06]. **Paramecium** [OOHI06, UKY+09]. **Parameter** [BGK09, BGE06b, KKK00, DRV+08, LSS06, Lie05, LH06, Răd08, RDF03, TSRB08, WTL08]. **parameterisation** [TG09b]. **Parameterization** [GKK06]. **Parameterizing** [AF02b]. **Parameters** [GB02, Möl01, SMG+03, Alb08, BDMP+08, BB07b, CLMMP06, DCC+08, ELSFB07, Eti09, HNTHA07, JAJH07, JAJA07, JBJ+08, Lei09, Lei10, LTLM09, MLWL06, NGTB06, NAV04, PFRR08, PBB03, RLCIB05, RRR04, VTC08a, VL09]. **parametric** [DSU+04, KmMK04, Ric03, VGBA06]. **parapatric** [TYW05]. **Parasite** [FMD01, GS02b, GLK+02, HS00a, BPC08, FS04a, KCHP08, LBF01, MRF07, NO04, WKB07, Wil08a, ZSF+07]. **parasite-mediated** [KCHP08]. **Parasites** [SI01, BB03, GRW03, HI04, JWB07, KSB07, KA03a, SI04c, Yam03]. **Parasitic** [Fra00a, Fra02]. **Parasitism** [FFIS07, HB09, KCHP08]. **parasitize** [STMH04]. **Parasitoid** [CVH03, KT01, LAD03, SCH02c, CBR04, KBD06, PCS+06, SCH05b, SN07]. **Parasitoid-host** [CVH03]. **Parasitoids** [CSFH+01]. **Paraspirifer** [SKY09]. **paratenic** [PBC09a]. **parceling** [CH07]. **Parental** [MSWH00, NWT09, SWI07, WTSN06, YM04, Yan05]. **parents** [Den08, Kan05, Kan07]. **parity** [Jam08c, ZXWF08]. **Parkinson** [HSG05]. **Parkinsonian** [vAR09, vAGDR09]. **paromomycin** [MPOBD+09]. **Parotid** [FY00, GCB+07]. **parsimonious** [HKP07]. **parsimony** [FT09b]. **Part** [BGE06a, BGE06b, SD06a, SD06b, Wal00, Dru03, MGAD09a, MGAD09b, MV02a, MV02b, MV02c]. **parthenogenesis** [SDS04]. **Parthenogenetic** [Pál01]. **parthenogens** [JE09]. **Partial** [GHHR03, FmW08, GRH+07, HW09]. **partially** [CML08]. **particle** [MD04, McN06, RW08]. **Particles** [BL00, Fra00b, JL01, Mcn00, MN01, Sta00b]. **Particularly** [JE01]. **Partitioning** [LM01b, Nik02, TBS+02, VN07]. **partner** [GD06]. **partners** [CdOWS04, GOP09, WT09b]. **Partnership** [Eam06, ES01b]. **Parturient** [ESGK02]. **Pascoli** [Ano02a]. **Passage** [KCT02, VTC08b]. **Passerine** [ELB02]. **passive** [KH07b, SKY09]. **passively** [NKL06]. **Past** [FB01]. **Patch** [AP01, CC01a, DBGM08, HGC03, YALT00, HC07b, OT09, PB06, XFAS06]. **patch-to-patch** [HC07b]. **patches** [HH04c, HH05b, OUPG09, WT09a, YB05]. **patchiness** [MS08a]. **Patchy** [CCV08, MPL06b]. **Paternity** [FSL03]. **Path** [For00a, MS01a, VTG+06, Ben04b, MRA06, TKN07, Toy09]. **Pathogen** [NC02, RSBY03, Wil01, IGHW07, NdGG06, OS06, PLSGG05, PSWK09, RG05, RRS06, SI04b, VWR07, WK05, XBT09]. **pathogenesis** [Agi04, RDSB+03]. **Pathogenic** [SKR06a, Chu08, Hav04, LZ09a]. **Pathogenicity** [AIK00, IMN05, SJ03]. **Pathogens** [SI01, BR08, CW08a, Kao06, O'K05, OBPH+08, SI04c, SJ03, vdBvdB09]. **pathologic** [VA06]. **Pathological** [Jam01c]. **Pathology** [PDA+00]. **Pathophysiology** [EM00]. **paths** [Lor06]. **Pathway** [DFC+02, MVM+00, PPEøP02, SP00, SLP00, AVSHV04, BFP07, BSJ04, DMPP09, GBK+07b, Khr04, KP08, NS05, NS09b, RDYH09, SYYI07, SSK06, MCMS06]. **Pathway-Oriented** [SLP00]. **Pathways**

[Cha00, Cum00, JP00, SLP00, TPD+00, BMR08, GP08a, KLK06, Lin07, MS03a, Nar06b, RR09, RGSFM07, SA05b, SPB06, Thi04, WMP03]. **Patients** [GLK+02, HPZ09, IMN05, KJJB07, PPD09]. **Pattern** [Car02b, Cum00, DL00, FM06, GBCC01, JG01, KA03a, Kra02, Leh02, Moc02, RWF01, SCGFS00, TMI03b, ACLW03, Agi04, AO03a, Ber03, CV08, DTM07, FI06, GBGAKD05, Hot03, ISW04, IK06, KLN+09, KSPA+08, LBS06, LRD04, LJL08, Mig06, MSMKM06, NTU06, NOT04, PDB08, PRT04, PC09b, RM04, RRR+08, SSJ09, SC09, UI04a, UI04b, Usa06, WKRD09, YYY+08, ZDC08, ZKH+05]. **Patterned** [KvHMP09]. **Patterning** [Mal02, AD06a, WO04, ZLN07]. **Patterns** [BLMV01, Cha01b, CTB09, DVL+00, MKLD02, MLMW01, MS02, MBRRI08, MBJ09, SSWF01, YALT00, AMD05, AMD06, AD06b, BBPSV05, BGF07, DHYHR09, DP08, DP04, DBF07, ELJ06, FH07, HQP08, Hui09, JB06, LBCL09, LP07b, MS08a, MWCS04, Moc08, MGT+06, ML08a, ML08b, OF05, Ost04, PCS+06, Pie09a, RRS+07, SWC+08, SI05, TSZ+07, UL06, VGBA06, WBR08, WSS07, ZAD07, Zhu09, dM09]. **pave** [KJJ07]. **pay** [Arc09a]. **Payoff** [BR09, KGL09, TNP07, WT09b]. **Payoff-biased** [KGL09]. **PCR** [JK03, LS04a, PCK+05]. **PDB** [YDL06b]. **PDI** [GAA02]. **PDI-mediated** [GAA02]. **PDP1** [XK07]. **Peak** [HCC00, FLG+07]. **pectinolytic** [SRN07]. **pedal** [SH08b]. **Pedicel** [FGH01]. **pedigree** [Lac09]. **pedigrees** [SH06, TS08]. **Peg** [SWS02]. **penetration** [EPJ+09, EPJ+11, VHF08]. **penguin** [DFW+07, KSPA+08]. **Pentadactyly** [Hay01]. **People** [HB01]. **Peptide** [HM05, RB02c, AW06, RN07, TLZ+08, vdBR04b, RB02c]. **peptide/MHC** [vdBR04b]. **Peptides** [ANL01, KA02, Byw09, HDW+09, JG08, vdGMG+09]. **Peptidoglycan** [Koc00]. **PER/TIM** [RCS05, XK07]. **PER/TIM-mediated** [RCS05]. **percent** [Smi09]. **Perception** [HG02, HLP06, KI04, KI05a, Lew03, LB06]. **perceptual** [TM06]. **Percolation** [GPG07, VSCG00, KTH09]. **perennial** [FLS+04]. **Perfect** [AD07a]. **Performance** [Dus01, MV02a, MV02b, MV02c, AN09, DGS09, GMMGD+08, HNTHA07, KKPB09, MKS+09, MKA05]. **performances** [PKS+08]. **performing** [MHRK08]. **Perfusion** [ABR02, SKN+03, WGH00, MBD08, VPGA07, WBD+09]. **Perimeter** [VMW01]. **Period** [HRBL02, BMT04, FGMP08, GZL+03]. **Period-2** [HRBL02]. **Periodic** [ACR06, AM01, CR02, CBR04, Cyt04, Eld00, GC09, Hok00, JG01, LWC09, SI00, WS02a, BW06, CLHW07, LN05b, MC06, CM05a]. **periodically** [CD07, NAS07]. **periodicities** [HAC+09, JWWS08]. **periodicity** [YY07]. **Periods** [RGG00, Yan08]. **Peripheral** [Her00, BTS08]. **Peristaltic** [DD02]. **perivascular** [SCNP+06]. **Permanence** [CC01b, PCZL05, PCZL06]. **Permuted** [Di 08]. **peroxide** [GMFS06]. **Peroxynitrite** [Sta00a, Sta00b, Sta00c]. **Persistence** [Bon03, EH00, Kee00, LAD03, Ova02, Sch06, SL00, YY06, BBD06, CBR04, CBC+09, DMH08, EL09, FGMP08, HDF04, HM05, JG06, JWB07, MJ07b, OW07, RP09b, RPNH03]. **Persistent** [SPC02, OSK+05]. **persister** [Cog06, Cog07, LLO08]. **person**

[EL05, MP09b, SPS09, SA07c, SA08b]. **personal** [Kim07]. **Perspective** [Dem02, ESGK02, FPS01, JST+02, SLP00, YHG+02, GBD06, GMMGDA05, HCEK08, LAG09, MGL06a, MB07, QHF+07, SS09b, SH06, TS08, VTL05, Wal07a]. **Perspectives** [EKIL01, KG00, GWM04, Win06]. **Perturbation** [FC01, RKYH06, SMBM00, AKLS05]. **perturbations** [Bra05, DT07a, FP04a, GLE+09, Sch06, YLM03]. **Perturbed** [SML02]. **pertussis** [KMW03]. **Pest** [BB06a, DBG01, HB02a, HB02b, MS08b, WLHB07]. **Pesticide** [PG01b, KNT+09]. **pests** [LSD+07, MGL+06b]. **Peter** [YM04]. **petri** [AIKP06, MSS05, MCN08]. **pH** [BPZ+01, Di 05, LCHB06, Sar04]. **phage** [AHT+07, Bul06, KT07, WBH04]. **Phantom** [Ped07]. **pharaoh** [KB04]. **pharmacokinetic** [GMK06, LPJB+08]. **pharmacokinetics** [DFP+08, DP04, MD08]. **pharmacologically** [BRS+09]. **Phase** [Coo01, HRBL02, KMH00, AB07a, BGE05a, BGE05b, BBSLN06, BBSLN08, CLW+08, CB07a, DC09, KMGDG04, PLG+06, PGF+08, Rel04, SS06a, WVA05b, YS07, ZW03]. **phase-resetting** [KMGDG04]. **PHD** [DMPP09]. **Phenolic** [CCGC02, Ril00]. **Phenological** [VA04b]. **phenology** [OBPH+08, YFH+07]. **Phenomena** [BPZ+01, Thi04]. **Phenomenological** [TRM03a, TRM03b, TRM03c, MGS08, ZHB04]. **Phenotype** [MDD06, Wel03, AMD05, AMD06, Bul08, GA08a, GPG07, IvDHI08a, IvDHI08b, KF04, Pec06]. **phenotypes** [NP05, TCP05, ZAD07]. **Phenotypic** [BN04, MS06b, KF06, NI04c, TY09]. **Phenotypical** [LK03]. **pheromone** [Bye09, PDM04]. **pheromones** [RRH08]. **Phloem** [FGH01, TH03a, HMN09, LN03, Tho05]. **phosphatase** [FB08]. **phosphatases** [HSL04]. **phosphate** [CCT+09, Gre05, PTFF05]. **phosphoinositide** [SN04]. **phosphorus** [HK05, HML04, SZLK+05]. **Phosphorylase** [GBD00, FKAC06]. **phosphorylated** [TIM06]. **Phosphorylation** [Ano01c, CT02, GG01b, HGV01, CKS07, FMHW08, NS05]. **Phosphorylation-dephosphorylation** [Ano01c, GG01b]. **photic** [SKK+07]. **photoautotrophic** [MKE+09]. **photochemical** [DVC+04]. **Photodamage** [Han02]. **Photoinhibition** [Han02, WAMO00, LIK+05]. **Photolyase** [MS01a]. **photoresponses** [EBId09]. **Photosynthesis** [FI00, Han01]. **Photosynthesis-Irradiance** [Han01]. **Photosynthetic** [PDIS00, DFCL08, Gie03, HFY07]. **Photosystem** [Han02, Laz03, LIK+05, LJ09b]. **photosystems** [BRC+03]. **Phototropism** [RWF01, WRF01]. **phreatophyte** [RDL07]. **phreatophyte-aquifer** [RDL07]. **Phycomyces** [RWF01, WRF01]. **phyla** [Kun06]. **phyllotactic** [Hot03, JB06]. **Phyllotaxis** [NSS08b, Rei02a, HED06, SSJ09, SN05a]. **Phylogenetic** [CPR00, HL00, PKA02, SW03, SSM09, BL06a, DKS04, FPS08, FS09, Mic07, MSS07, RHM+08, Wil08b, YMLK04]. **Phylogenetics** [OLS+02, SDBH04, SCJJ08]. **phylogenies** [Bok06, CdOWS04, Ste09]. **Phylogeny** [Kun01, Mad00, FSS06b, OS03, PCH+05]. **Physarum** [MSS05, TTT09]. **Physical** [DSY01a, DSY01b, KMGV00, LZGL03, Wil09, BL06b, CTB09, NAV04, OOHI06, SWRH03, TPP+04, wTA09]. **Physico** [Leh00]. **Physico-chemical** [Leh00]. **physicochemical** [YTL08]. **Physics** [HDW+09, RC00, BC09a]. **Physiological** [Han01, SM01, GGH+05, IZGG05]. **physiologically** [LLW09, PR08, VGS+05]. **physiologically-based** [VGS+05]. **Physiology** [Ano01h, Ghi02, SKW00, GT08, Pen03, PA09a, RK05]. **phytochelatin** [MCMS06]. **Phytophagous** [WC02]. **Phytoplankton** [FF02, YN02, EBId09, HK07, HBOS05, MFI09, MW09, SCS04b]. **phytotoxicity** [Sin07]. **piecewise** [BLF+09]. **piecewise-deterministic** [BLF+09]. **pig** [LTLM09, SSD09]. **Pigeon** [Wal00, GRBR04, LRB+06, RGRB04]. **Pigeons** [Rei02b]. **Piglets** [Jam01d]. **Pigs** [DSK02, AAEW09, SZLK+05]. **pilot** [Izs05]. **pinaster** [DFSD05]. **Pine** [PKW+00, DFSD05]. **Pinus** [DFSD05]. **Pinwheel** [SE02a]. **pistachio** [LRHB09]. **pit** [Bur09]. **Pitfalls** [Sch08b]. **Pituitary** [SRMW00, Leo07]. **pituitary-thyroid** [Leo07]. **PKAc** [Yan09]. **Place** [RHG00, AD07b, Di 05]. **placement** [Kor09]. **placenta** [KS03]. **Placing** [VO00]. **Planar** [CMPL+00, BB07b, Zhu09]. **Plane** [Yos03, KH09c, SB09b, SH08b, WS09]. **Planet** [DL00]. **Planetary** [LL00]. **planforms** [SN05a]. **Plankton** [CSM02, LP01, LB06, Rua01, CCV08, Lew05, MK09, MPN07, WMS08a]. **Planktonic** [CSM02, Gro02, LP00, Lew03, SC03]. **Plant** [Ant02, CSFH+01, CR01, FT09a, JL00, KK00a, LBF01, Laz03, LLF02, LSMLB+02, PA09a, Smi09, VN07, WC02, ZM03, Bio08, BRC+03, CEP05, CXM+09, CB07b, CCT+09, CCF06, CW08b, DL08, FMI05, FLS+04, HML04, JMvdB09, JJEX09, JD09, LMVPM07, LSD+07, MGL+06b, Mig06, OS06, Pie09b, PGM00, RF04a, RF04b, RF04c, USTG09, WL03, ZJ06, vdBvdB09]. **Plant-insect** [LBF01]. **Plant-mycorrhiza** [Smi09]. **plant-nutrient** [JD09]. **plant-pathogen** [OS06]. **Plants** [KRNKH00, Kor07, LY01, MGL03, Nik02, ZMQX01, BH03b, GvHP+07, IS09, KJD05, KY03, KYS06, KRN03, LY03b, LY03a, MV06, MMV+04, MCMS06, Mil05, PA09a, PGH+04, SS03, Sat04, SN05a, YFH+07, YNO09]. **Plaque** [For02, AC07b, ZHB04]. **Plaques** [EKS02]. **Plasma** [SCC+00, ARR08, MGP+08, PBvdG09, Sta00a]. **plasma-protein** [PBvdG09]. **plasmalemma** [Paw07b, Paw09b]. **Plasmid** [GB02]. **Plasmid-Bearing** [GB02]. **plasmodium** [TTT09, DEM+00b, FVP+07, MB05]. **Plasticity** [SMD00, BN04, SGTF07, TK05]. **plateau** [Hop06]. **Platelet** [GF02, SMBM00]. **platform** [DGM05]. **Platonic** [DML02, BM03a]. **Plausibility** [MWB+02]. **Plausible** [PDIS00, Dus06, HM05]. **played** [Mar09a]. **player** [BHC06, BC02]. **Players** [Ste00, Mas08, Mie05]. **playing** [NS03a]. **pleckstrin** [LGB03b]. **Pleiotropy** [TH00]. **Plethodontidae** [DOT02]. **plethysms** [SCJJ08]. **pleuropneumonia** [EL09]. **plots** [BHWB05]. **PNN** [LDXW06]. **PNN-curve** [LDXW06]. **Pogona** [See00]. **point** [BB06b, Che06a, NT04]. **points** [YD09]. **Poisson** [CY09]. **Polarity** [LFF06, AO03a]. **Polarization**

[AAL08, KW00c, Aba09, BH04, FKS07, HH04b, HHH06, Nar06b, SN04, Zhu09]. **polarization-induced** [HH04b]. **polarization-related** [HH04b]. **polarization-sensitive** [HH04b]. **polarized** [Daw09, HHH06, Zhu09]. **Polarotactic** [HP00b]. **Policy** [Ano00b, ITKL08, TBR08]. **polio** [BMS05]. **Pollen** [SI00, HH06c, KGG08, LSMB+03, USTG09]. **pollinated** [MT06a, MT06b, SS03]. **Pollinating** [FDG02, LBF01]. **Pollination** [OBDJ06, LSMB+03, MT06a, MT06b, USTG09]. **pollinator** [HC07b]. **pollinator-mediated** [HC07b]. **pollinators** [EW09]. **Poly** [BG00b, HK05, HK05]. **Polyanionic** [Tas02, Tas05]. **polycephalum** [MSS05, TTT09]. **Polyethism** [BHOR01, GTDA02, Tof06]. **Polygonal** [SN05a]. **polygyny** [FS06]. **polyhedra** [HTN04a, HTN04b]. **polyhedral** [BC04b]. **Polymer** [MJW00, AJ08, AKR09]. **polymerase** [AC04, LS03, Lal06, WDH+09, Xie09]. **Polymerases** [AF01]. **polymerization** [MO07]. **polymerized** [CML08]. **polymers** [CPG09]. **polymorphic** [BLRR08, FP07, MvdO06]. **Polymorphism** [For01, KW00a, RKNK01, BFR05, KOK06, NDD08, Wak04]. **polymorphisms** [TH05]. **Polyomaviridae** [KTE08]. **Polyp** [MHKS04]. **polypeptide** [LZ09a]. **polysomic** [TSS06]. **polyspermic** [MA03a]. **pomonella** [TNTJ08]. **Ponerine** [TBS+02]. **pool** [Sat04]. **pools** [SBM08]. **Poor** [öWO01, DFP+08]. **Population** [AMW00, Ano00-30, Ano09a, BIB07, BR02, Dai02, DMZ00, DHM01, FR02, FPS01, FB01, GVK00, HIN00, HI00a, HS00a, Hay00, IMKN05, JJ01, KKK00, KJ08, KCHP08, MP05, MW00, Möh00, NSM02, PL01, PDC02, PV00, SBI07, SGS+05, SDS04, SE02b, TH00, UH09, VW00, VG01, YALT00, YYI03, vKPdR07, AKS07, AV05, BG08, BdSFFDMC09, BDR08, BEK+03, Cam03, CC09a, CW07, DS04, ETH04, FM07a, Fuk04, Fuk05, GK04, GT06b, HI05, Her09, Hie05, HM07, HH05a, HP04, ING04, Kom04, LL08, LFC04, Lew05, LSH06, MAL03, Man06, MS08b, MW07, MK09, MDL04, NK08, NWT09, NLS08, PB09, RG05, RBP+09, SSB+07, SHRR06, Sim08, TBR08, VN07, WMS08a, WKB07, WW05a, WLHB07, XBT09, YHI03, YHI04, ZZLT07, dSKL09]. **Populations** [Ant02, CMTU01, CL00, DBG01, ES00, Har01, HLW00, KW00b, KK00a, KN03, LSMLB+02, Rev00, RKNK01, TL02, VDV00, YBV+00, Abr09, AROS07, BC09b, BP08, BLRR08, CEP05, CLS08, DBBW09, DBBW11, DLM08, ELSFB07, FP07, FS06, FAW06, FMLP06, FGMP08, FLG+09, FPL03, GAK+06, GGPFM08, GA08b, HHBY06, HA09, HC07a, KB04, KSB07, Kao06, Kel07, LT09, Lio09, Mar04, MSK03, Nei04, PS03, Paw07a, PGMK+03, PM09, RMF08, RB06, Sav04, Sch05a, Sch06, SLB07, SSL08, SM09b, TOA+09, TDW07, TYW05, TH03b, Vaz07, WT07, XBGN05, ZJ06]. **pore** [Kut05]. **Porosity** [ZFVH05]. **Porous** [AF02a, BGE05b, LWRK07]. **posed** [WR07a]. **Position** [BZ00, LN02, Rei02b, GABK08, LFP+05, PGLL07]. **position-specific** [PGLL07]. **Positional** [GRBR04, HGB+00, RGRB04, CLS08, FK03c, RB09b]. **Positioning** [MV02c, Yos03, Dru03]. **Positions** [JSV02, DRLB05, Tak06, Wan06].

Positive [CD02, KGD09, KCA03, FM06, Kon06, Kun03, SSF09, TBCD06]. **positron** [BKM09, MKB03]. **Possibility** [Hop02, MKT$^+$00, TMI03a, PTFF05]. **Possible** [EM00, Jam06, KK00b, SKR06b, SSWF01, The00, TU00, UI02, CdOWS04, DM07, Gre05, JB08, San03, SC03, Tak06, Xie09]. **possibly** [Dru03, LD09a]. **Post** [DKLL05, KK00b, BGMM08, GRH$^+$07, ØKRG04, SI04b, TG09b]. **post-exposure** [BGMM08, GRH$^+$07]. **post-infection** [SI04b]. **Post-mitotic** [KK00b]. **post-translational** [TG09b]. **post-transplant** [ØKRG04]. **Post-transplantation** [DKLL05]. **postantibiotic** [GASA09]. **Postnatal** [BKCR01]. **posttranslational** [LM07]. **Potassium** [VLFN00, FDA$^+$09, PD06, WCLL08]. **Potential** [FSG00, FW00, FFN00, HFGB02, HSB01, MPL06a, SGG$^+$07, AAK$^+$09, FLS$^+$04, Hop06, Hur06, Jäc07, Jam09b, Ken07, LKC07, LRT04, LGS$^+$09, MSP03, SV07, SPN06, TLZ05, VRAF06, WSM05, Wan06, WB04]. **potentially** [HGH08]. **Potentials** [BFH$^+$01, HGB$^+$00, BOCF08, WCLL08]. **potentiate** [BN04]. **potentiates** [Tak06]. **potentiation** [BFG09]. **Potts** [TS02]. **Power** [Niw03, Niw05, SP01, Tor01, CKE06, GDC$^+$06, MV06, PPD09, Wes03]. **Power-law** [Niw03, Niw05, PPD09]. **powerlifting** [GMMGD$^+$08]. **PP1c** [Yan09]. **PPAR** [BGG$^+$09, LKM$^+$08]. **PQN** [mLLS$^+$06]. **practice** [PA09a]. **Prairie** [BR00]. **Prairies** [GS02a]. **Pre** [DML02, BGMM08, FSS06a, GFWT04]. **pre-association** [GFWT04]. **pre-biotic** [FSS06a]. **Pre-Darwinian** [DML02]. **pre-exposure** [BGMM08]. **prebiotic** [MHMGM08, RN07, SF08b, vdGMG$^+$09]. **Preceding** [LL01b]. **precise** [AWAB05, CM09]. **precision** [HMB$^+$08, MD03]. **Predation** [CLZZ02, Gro04, Har02, LP01, Rev02, WH01, Wil01, AKS07, BR04, HF03b, KHL07, LB06, ZKH$^+$05, vKdRP05]. **Predator** [Bon03, CLZZ02, DKD02, DHM01, Fur02, Mal00, SFS$^+$01, Abr09, AKdlPP06, AMC$^+$09, BRC07, BGF07, DI09, Gar09, GEF04, HS08, Jes06, KG03, KV04, LPC06, LB06, Lin04, MDCC06, MC06, MPL06b, RE04, RB08, SX06, WTSN06, Wil08a, Zhd03]. **predator-host-parasite** [Wil08a]. **Predator-prey** [Bon03, AKdlPP06, AMC$^+$09, BRC07, BGF07, GEF04, HS08, KV04, MC06, MPL06b]. **Predators** [Går00, Har02, Ama06, AKdlPP06, BBD06, FL09, KYS06, Lew03, PCZL05, PCZL06, WTSN06, WNT08, WT09a]. **predatory** [Bur09, PM07]. **predecessor** [Pat05]. **Predicate** [MK01]. **Predict** [BKF00, HCMF01, HCB$^+$02, ZSZ01, BE08, BB07b, CRJC04, CFLC06, CTZ$^+$06, JS07, KS03, NGTB06, WYC06]. **Predicted** [BR01, Cha01b, LRT04]. **Predicting** [APS08, CZC05, CC06a, CCZC08, DCL09, ES00, KW00b, MPM07, MNP06, MM02b, OM08, PWZ09, PM08, STW$^+$09, SC09, TY09, TM00, TL00, XWC08, YCC$^+$06, ZF08, DBBC08, DLM08, Han04, HDW$^+$09, Lin08, MPN$^+$05, SYC06, VSP06, WYXC05, XSD$^+$05, hZzGqX$^+$09]. **Prediction** [CLXC03, CL07a, CL07b, DL08, DBF07, FSG00, Jam01d, LL01a, LSMZ08,

PGLL07, RAK^{+}08, SNT03, VRAF06, YPY^{+}09, YY07, ZDC08, FH07, GZG06, JSA^{+}07, JHJ^{+}09b, LMH04, LL06, LLS^{+}09, PBMU^{+}09, VS08, VGDSU09, WL09, YMLK04, ZLLZ09, ZCLZ07, MPOBD^{+}09]. **Predictions** [Koh07, LP00, NJVA04, Kro08, PB06]. **Predictive** [FFME08, VDV00, Mag04, ZT06]. **predictor** [TK09a, TK09b]. **Predicts** [AMW00, AO03a, Smi08d]. **Preemptive** [ACK09]. **prefer** [CMCH08]. **preferable** [Bat09]. **preference** [Arc07b, DI09]. **preferences** [AR05, SWB06, WS06]. **preferred** [KJD05]. **pregnancy** [Buc04]. **Preparation** [HS03]. **Presence** [SP02, SHHD02, Wil01, BIS^{+}07, BBD06, BB07a, GSG^{+}07, MO07, SN09, VGMM^{+}07a, VGMM^{+}07b, VGMM^{+}08, YD09, vdBvdB09]. **presence/absence** [YD09]. **present** [BKKR08]. **presentation** [JG08, vdBR03]. **preservation** [IK06]. **presomitic** [GK09, TSZ^{+}07]. **Pressure** [DO01, GKM^{+}00, BC06, FTG07, GMK06, GK06a, GP08b, HED06, Mas09, MBD08, Shi06a, Tho05, YFH^{+}07, ZJ06]. **pressure-concentration** [Tho05]. **pressures** [OAC03]. **prestin** [SFC^{+}09]. **prestin-associated** [SFC^{+}09]. **prevails** [RON09]. **prevalence** [Bog04, DLM08, GOP09, TBR08, TBC^{+}08, dM09]. **prevent** [DSS08, ITL09]. **preventing** [HML09, HM05]. **Prevention** [ITKL08, JITJ09, TBB^{+}06, YKG^{+}05]. **Prey** [CLZZ02, DKD02, DHM01, FSGB^{+}02, Fur02, Mal00, RHG00, SFS^{+}01, WBB02, WTSN06, Abr09, Ama06, AKdlPP06, AMC^{+}09, BRC07, BGF07, Bon03, CDB09, DI09, FL09, GEF04, HS08, Jes06, KG03, KV04, LPC06, MC06, MPL06b, PCZL05, PCZL06, PM07, SX06, WT09a, Zhd03]. **prey-dependent** [SX06]. **prey-flock** [LPC06]. **Prey-predator** [WTSN06, KG03, Zhd03]. **Price** [Gra02, vV05]. **Primary** [EM00, MGP00, SCC^{+}00, WSC02, YNO09, Agi04, BRND09, DBBW09, DBBW11, FmW08, NGN^{+}04, SGTF07, SVG^{+}08, YCC^{+}06]. **primate** [Bon04a, Bon04b, BBK04, SKR06b, VN08]. **primates** [CH05a, Jam06]. **primer** [VSP06]. **primer-binding** [VSP06]. **Primitive** [AGCLMM03, GS02c, Nas01b, PMMS01, BS05c]. **primitively** [BIS^{+}07]. **Primordial** [CWJ07]. **principal** [PDC04, SPAH06]. **Principle** [Tor01, CG06, HMGK06, Smi08c]. **Principles** [GL01, KMP03, Ack04, FMHW08, RSSM06]. **printed** [SJD^{+}09]. **Prion** [PG00, GWPW04, GPMW06, Hav04, Mat06, ZZW07]. **Prior** [Van06a, KYS06]. **Prisoner** [LBSS02, AD07a, JLCS08, LW04, MS09a, Sch05a, WVA05b, WL07b, EL05, Ezo09, HS02a, IKD04, KK00c, LB07, Nei01, WR07a]. **Private** [Kra01a]. **pro** [NLM^{+}08]. **Probabilistic** [GF02, Khr04, McN06, TM00, BLOL07, MH06a, QD09, SWM09, VFC^{+}09, WVA05a]. **Probabilities** [Nak01, Nak03, APS08, HA09, Mic07]. **Probability** [HI07, MHDOG01, Sch02a, AS09, LP07a, Lin04, MS05b, PW09a, TDW07, VSP06, Wal07b]. **Probable** [PCB07, Bie06]. **probe** [GLSW07]. **Probes** [WP01]. **Probing** [Bea06]. **Problem**

[GA02, MN01, Ova02, Wil02, XD02, CLM07, HB07, Jam09a, LMH04, ZSRB07]. **procedure** [BGE06b, CFM04, HQP08]. **procedures** [JHJ09a]. **proces** [AMD05, AMD06]. **Process** [Cub00, JW01, MM02a, OSCK01, PJ01, SRN+00, BZ05a, BZ05b, BLF+09, Cam03, CLMMP06, CC06b, Ger08, LFF06, LH06, SF04, TT04, WA07]. **process-based** [CC06b]. **Processes** [FB00, Kan01, KMI02, Möh00, WPE03, BL09, CDB09, CCF06, Dim05, FHL+06, GMM09, IS08, MAL03, MCM+09, MK06, MA04, NGN+04, NSS08b, PD04, RBP+09, SSB06, Tas05, VWR07]. **Processing** [Gag00, RHG00, Bon04b, JG08, Kri09, LFSG+05, SV07]. **processive** [ITT09]. **processors** [PM03]. **produce** [CRB05]. **produced** [SH04]. **Producer** [Bea00, OT09]. **producer-scrounger** [OT09]. **produces** [WAL06]. **producing** [CSM02, JDMZ+07]. **product** [Ano04b, Bat09, CZC05, LJK06]. **Production** [Ant02, HCMF01, HCB+02, Her00, HYA02, SH05, SMBM00, SI02, WAMO00, BKD+06, BPLS06, CRB05, CSD09, CSS06, FWLN04, FFME08, GCP04, LKM+08, MB07, ND04, NHTM09, PCSL+06, YFK05]. **Productivity** [Ama06, GJ07, ZJ06]. **Products** [VDV00, MRC09]. **proenzymes** [VGMM+07a, VGMM+07b, VGMM+08]. **Professors** [Rot08]. **Profile** [BPZ+01, DSU+04, Wan06]. **Profiles** [JW01, PLB+05, ZAD07]. **Profiling** [COdAM05, LNRR06, Plu06]. **progenitor** [BMH07, KM05]. **progenitors** [CPMG+08]. **Progenote** [Di 01a]. **progeny** [DBBW09, DBBW11]. **prognosis** [RKF06]. **Program** [ABP+03, Gra02]. **Programme** [RBN+01]. **Programmed** [RBN+01]. **Programming** [NJVA04, XWD+01, PB07]. **Progression** [SA01, Lin07, QHF+07, SRCDS08, SA05b, VHF08, ZAB+09]. **Progressive** [CLS08]. **Projected** [OBPH+08]. **Projection** [ZKFW08]. **Prokaryotes** [AøP03, dFG08]. **prolactin** [SVN+05]. **prolactin-receptor** [SVN+05]. **Proliferating** [LSMLB+02, DSVBW07]. **Proliferation** [ABP+03, Eic01, HSB01, JL00, SLHN06, VP01, ABTR07, BFP07, GPMW06, LN05b, LWRK07, WWS+06]. **proliferative** [Shi06a]. **Prolonged** [MM08a]. **prominent** [GNH+05]. **promote** [MI08a, MI08b]. **promoter** [WDH+09, YZGW06, ZYW07]. **promoters** [LL06, PBMU+09, VdL03]. **promotes** [BFK08, HH06a, PM03]. **Promoting** [KMI02, CSS08, FS04a]. **Promotion** [AF01]. **prompt** [GZL+03]. **Prone** [JE01, DW08b, PCK+05]. **proneness** [De 03]. **proof** [DT06, Pie09b]. **Proofreading** [BG00b, Has01a, KKR+07]. **propagated** [LRT04]. **propagating** [PGN08]. **Propagation** [AMV+02, PAA07, SRWL02, Tas02, TK04, Zhd03, CE08, FWLN04, FSS06a, FPL03, Sel06, SM06b, VN08, ZTKH09, Zhu09]. **Propensity** [Cal06]. **Properties** [AGCLMM03, ADMZ02, Ano01e, CE08, Leh00, Mac01, MHDOG01, RBJ06, Yan06, AHT+07, AJ05, Cur04, Gar04, GL09, ITM+07, IMN04a, JAA+07, iKIY09, MBP07, OCA08, PP04, RMAI06b, SVS04, TW04, TP05, TLC07, YTL08, YZHZ09]. **property** [Kom04]. **proportion** [IK06, RB09b]. **proportionate** [KR07]. **proportions** [AWAB05]. **Proposal** [Kel01, IZGG05, Kau04]. **Proposed** [Mac00, Buc04, LZGL03]. **proposing** [BSGT08]. **propositional** [NTU06].

propulsion [MF05, MA07a]. **prospects** [GRH+07]. **prostate** [LK08a]. **protamine** [Bie06]. **protamine-DNA** [Bie06]. **protease** [Smi08d]. **protease-only** [Smi08d]. **protect** [CSD09]. **protection** [GWM04, KSEK09, RG05, RDC09, Wod07, YKG+05]. **protective** [JAFW05]. **Protein** [AOH03, AH03a, AøP03, BFH+01, BHHS01, BNT+00, CDDW02, CLXC03, Dal06, Dem02, DML02, EN03, FMF+00, GB01, GAA02, GP08b, HCMF01, HCB+02, JAA+07, JAV07, KCT02, KJ02, LFLM00, LL01a, LLS+09, LMT02, MJW00, NL03b, NJVA04, NSG08, PD00, SSLB07, SML02, Sil02, TML02, WKG03, WJMH00, WKL01, AH08, AFD+06, ARR08, APS08, BM03a, BZ04, BTL08, BCL08, BD08a, BE08, CRJC04, CC06a, CFLC06, CdOWS04, CTZ+06, CL07a, CCZC08, CS07, CHN08, DHYHR09, Di 04, DCL09, DRLB05, FmW08, FT07, FFTS09, GW06, GZG06, HSL04, Hav04, HGH08, HSK+08, JAJH07, JBJ+08, JHJ09a, JWWS08, JEHK06, Kur08a, KSR07, Lap03, LFF06, MX08, MGDBdM08, NSS+08a, NS07, NSH+03, OF01, Pán08, PSSS03, PBvdG09, PGLL07, RAK+08, Rot07, SGCK+08, SYC06, SC09, SB09c, SPN06, SW08c, SZ09, Tay06]. **protein** [WYXC05, WYC06, WZ08, WL04, XWC08, YLM03, YTL08, YPY+09, YY07, YAL04, YZHZ09, hZzGqX+09, ZAD07, ZZW07, ZDC08, ZLLZ09, Nas01b, OQGC07]. **protein-coding** [MX08]. **protein-folding** [AH08]. **protein-protein** [CdOWS04]. **Proteinase** [LGB02, VGMVR+06]. **Proteinase/Transglutaminase** [LGB02]. **Proteins** [Kar03, Nas01b, PD00, ZSZ01, AS07, APL08, BC04b, CL07b, DT07a, DCC+08, FMI05, HQP08, HBB08, HDW+09, JAA+07, JAJA07, JSA+07, JHJ+09b, JNWJWB04, Lin08, MBP07, MSGS08, MLWL06, MMUGD09, PCB07, ROR05, STW+09, Sin06, TR08, VRAF06, YCC+06, ZF06, vdGMG+09]. **Proteobacteria** [Kun01, Kun05]. **proteoglycans** [FWCN05]. **proteolysis** [KP06]. **proteome** [MBP07]. **Proteomic** [Ano05h, Hof04]. **Proto** [YNL01]. **Proto-tRNA** [YNL01]. **Protocell** [MS07a, CSP+08, CSP+09, SZLM09]. **protocols** [JWB+09, LS08a]. **Proton** [BNT+00, Wil02, BS05b, DHW+09]. **prototypes** [BdBH09]. **protozoan** [GRW03, NO04]. **protrusion** [DECEK06]. **protrusions** [IHV+06, SMCT08]. **provide** [Leo07]. **provides** [BDMR06, MGL05]. **proximal** [SB07]. **PrP** [CPC+00]. **PrP106** [ZZW07]. **PrP106-126** [ZZW07]. **Pruning** [KTH09]. **Pseudo** [MBBR06, SWM09, CZC05, CC06a, CTZ+06, CL07a, DCL09, GKNT09, Lin08, PBMU+09, RBS05, SYC06, WYC06, XWC08, hZzGqX+09, ZF08, ZDC08, ZCLZ07]. **pseudo-amino** [CZC05, CC06a, CTZ+06, CL07a, DCL09, SYC06, WYC06, ZF08, ZDC08, ZCLZ07]. **pseudo-elastic** [RBS05]. **pseudo-folding** [PBMU+09]. **Pseudo-nitzschia** [SWM09]. **pseudoknot** [HR08]. **Pseudomonas** [FFME08, RDSB+03]. **Psoriasis** [SWS02]. **psoriatic** [LN05b]. **psychiatric** [PFdP+07]. **psychological** [KV05]. **psychrophilicity** [JAA+07, JBJ+08]. **PU.1** [RG06]. **Public** [HDHS02, CHCC+04, JG06, KAI08, Wak07]. **puffs** [GS08a]. **pulled** [Kal07]. **Pulmonary** [Bra01, CBB07]. **Pulsatile** [TMS00]. **pulsatory** [PP08]. **pulse** [KCV05, LL09, ZT08]. **Pulsed** [Fra02, LFLM00, LMF03]. **Pulses**

[GJE02, HRBL02, RVMR01]. **pump** [SVG$^+$08]. **pumped** [Kur08a]. **Pumping** [BNT$^+$00, DO01, GG09]. **Punctuated** [Gag00]. **Punish** [HB01]. **punisher** [NI06, NI07a]. **punishing** [CH05a]. **punishment** [EFW07, JB08, NI06, NI07a, ND09, RON09, SN09]. **purification** [NA04]. **Purine** [CMB$^+$01]. **Purine-load** [CMB$^+$01]. **Purpura** [Her00]. **Putting** [FR06, JST$^+$02, PTFF05]. **Puzzle** [HW01, Twa04]. **pylori** [JK04, DT07a]. **pyogenes** [MCB07]. **Pyrimidine** [CMB$^+$01, RGW$^+$05]. **Pyrimidine-load** [CMB$^+$01]. **pyrite** [Kal07]. **pyrite-pulled** [Kal07].

q [PFdP$^+$07]. **q-bits** [PFdP$^+$07]. **QPDR** [MMUGD09]. **QPSO** [CSW$^+$08]. **QSAR** [TLZ$^+$08, VGDSU09]. **QT** [CBBH01]. **QTN** [HL06]. **Qualitative** [CS02, RDC09, BRCB04]. **qualitatively** [DDJ06, RBS05]. **quality** [Arc09a, BÅ03, CMCH08, Gol07]. **Quantal** [KFG$^+$02]. **quantification** [YTL08, YPY$^+$09]. **quantify** [CBB07]. **Quantifying** [AGW$^+$06, AGW$^+$08, CQLV$^+$03, MKD$^+$05, MB07, PG00, RWID$^+$08, JCW$^+$03, PGMK$^+$03]. **Quantitative** [Bla04, CSA07, Cha00, CGS05, CS02, DM00, KW00b, KS01c, MRJR09, TH00, AMS09, BRCB04, BFGB04, BFG05, CCGC02, Cui07, CY09, DS05, FMHW08, HL05, KZ05, LKW06, LF08, MH09b, ML09b, NKC$^+$08, PR08, PA09b, PA09c, Ril00, RYAI06, WHH07, ZAB$^+$09]. **quantized** [Ste04]. **Quantum** [BS00, GBD06, PSM06, VA04b]. **quarantine** [HKC$^+$07]. **quarter** [MV06]. **quarter-power** [MV06]. **quartet** [SJ09]. **Quasi** [ES00, LSMLB$^+$02, Nås01a, TE07, WS03a, TE04, TE05]. **Quasi-extinction** [ES00]. **Quasi-Independence** [WS03a]. **Quasi-quiescent** [LSMLB$^+$02]. **Quasi-stationarity** [Nås01a]. **quasi-steady** [TE05]. **Quasi-steady-state** [TE07, TE04]. **Quasispecies** [VSCG00, ALM09, BMS06, FLG$^+$07, SES08, TSS06]. **queen** [RHF07, KJ02]. **queens** [BIS$^+$07]. **quenching** [DVC$^+$04]. **Question** [RBN$^+$01, Yos03]. **queueing** [MGHF06]. **Quiescent** [LSMLB$^+$02, ARR08]. **Quinones** [PDIS00]. **quorum** [BdOP06, HSMM07, KH08]. **quota** [HK07].

R [NM08, PCB07]. **rabbit** [FMLP06, FGMP08]. **rabbits** [FLG$^+$09]. **rabies** [DHR$^+$07, DHRM08, HRSV06]. **Rac** [CSON$^+$05]. **Race** [WBB02]. **races** [GMMGDA05]. **Radial** [Kra01c, FPM$^+$06]. **Radiate** [KS01a]. **Radiation** [LFLM00, EH08, FCD$^+$05, LFP$^+$05, Lit07, SB09c, TK04]. **radiation-induced** [FCD$^+$05, LFP$^+$05, SB09c]. **radiocarbon** [BSJ04]. **radiodurans** [SB09c]. **radiosensitivity** [DSU$^+$04]. **radiotherapy** [DSU$^+$04, EAC$^+$06, SSB$^+$07]. **radius** [Bye09]. **Raffle** [BP00]. **raft** [IHV$^+$06]. **rainbow** [KRGH07]. **Rainfall** [NBMS06, GJ07, KvHMP09]. **rainforest** [PAA07]. **raising** [MBD08]. **Ram** [COS01]. **Random** [BZ00, FK03b, JK03, JW01, MS05b, RKNK01, SFV02, SFVA09, AP04, BEF$^+$06, BZ04, Bra07, CH05b, FPS08, FM07b, JA05, KR07, KKR$^+$07, MLWL06, Mie05, MI08a, MI08b, MGDBdM08, Mur07, PB06, RB09a, RWP$^+$08, SH03, SBM08, WVA05b]. **random-community** [MI08a, MI08b]. **Randomized** [GLSW07, Kon09]. **randomly** [AP04, FZ04]. **Range** [Ari05,

JLS01, AA04, BTCD07, GAK$^+$06, HH06c, Ish00, KTP09, MPL06a, Pie09a].
Ranking [KSS07, HLP06]. **Rapid**
[JP00, BN04, BBSLN06, BBSLN08, CHN08]. **Rapidly** [BR02, WCH$^+$09].
raptor [Lor06]. **rat** [KBT08, MRJR09]. **Ratchets** [YMC01]. **Rate**
[AGT$^+$01, CMTU01, HS00a, Kan01, MGL03, MM02a, RFH$^+$02, See00, Alp05,
Blu07, BTCD07, CH05b, FL03, FCD$^+$05, GVB$^+$08, GCP04, GC09, HLW00,
HJ07, Jam08b, KMW03, LWFP08, MLWL06, MN06, MJ07a, NS07, NSH$^+$03,
OD03, OP05, PC09a, ROR05, RWK08, SRS09, VFC$^+$09, VL09, Yan08].
Rates [BKF00, Cha01b, Dus00, LP00, ANT09, Bok06, Dus06, HEH$^+$09,
ING04, KOK06, KT07, LJ09a, LBS06, Lew03, LB06, Mas08, Par04, RMRG09,
SP07b, TLZ05, TMBD09, TNTJ08, WW08, Wod07, vAR09]. **rather** [For07b].
Ratio [GK00, Jam00, MMTS02, Now00, Tor00, CTB09, CSM05, Gra07,
Jam06, Jam08b, Jam08c, Jam09b, Kli06, MT06a, MT06b, NS06, Wak05,
WT05, XSD$^+$05]. **rational** [TG09b]. **Rationality** [Tul03, NWP07]. **Ratios**
[BB02, CL00, Jam01a, Jam01d, GRW03, GI09, Jam04, Jam07, KAI08, Wak05].
Rats [CCP$^+$00, DRV$^+$08, Izs05, Sch08a]. **ray** [CS08, How09]. **Rd** [SP00]. **Re**
[CBBH01, DRW01, SE02a, CWDM06]. **Re-entrant** [CBBH01].
Re-examination [DRW01]. **Re-revisited** [SE02a]. **re-sampling**
[CWDM06]. **reach** [DT06]. **Reaction** [FY00, FK03b, HW01, MCK07,
NTK02, PDIS00, SCGFS00, SIMK02, Sta00b, WP01, AB07a, AF09, BGE05a,
CFM04, CHN08, DF09, Gie03, HS04, LS03, Lal06, MLA04, MSMKM06,
MA04, NAS07, NS07, PWK03, SRR08, TK05, VGBA06, WB06, ZRSK07].
Reaction-diffusion [MCK07]. **Reaction/Diffusion** [Sta00b]. **Reactions**
[Alb02, FY00, MHDOG01, SM02, TRM03c, AC04, Alb08, ASMD06, BCL08,
DFC$^+$02, FP03, KD03, MH06a, RA06, SI09, SS06c, TRM03a, TRM03b, TE05].
reactivation [KNWCB07, PBHS05, Wil06b]. **Reactive** [DALP03, Oht04].
Reactive-diffusion [DALP03]. **Reactivity** [WP01, dQW07]. **Real** [DKD02].
Realistic [VMW02, Kon06, TY06]. **Reality** [MKT$^+$00]. **realizing**
[CGK$^+$05]. **Really** [LBSS02, Cin03, LW04]. **Reappraisal** [SB09a, WB02].
Rearrangement [Moc02, TMI03b, EPR07, SBPC05]. **Reasoning** [KM08].
reasons [Har06]. **Reassembly** [MM02b]. **Reception** [JLS01, Bak07].
Receptor [BNT$^+$00, BSRH02, BSRH03, FTEG02, GF02, RB02c, SRN$^+$00,
TTKZ01, WQ00, AMP06, AA04, AD06b, BTL08, CSD04, GSG$^+$07,
GFWT04, HSL04, KS08a, LGB03a, LGB03b, LHFH08, PBvdG09, Saf05,
SBPC05, SVN$^+$05, TLZ05, TWO$^+$09, WWS$^+$06, WL04, vdBWLS07].
receptor-ligand [CSD04, GSG$^+$07]. **Receptors**
[OF01, Raf02, VRB01, WKL01, GFW$^+$09, HSF09, OY03, WMS08b].
recessive [GV03, MMV$^+$04]. **Reciprocal** [FLS01, Uit09]. **reciprocation**
[BS04, CH05a, MR03]. **Reciprocity**
[Gin00b, AD07a, BS06, BC04a, Fis03, MM03b, OI04, Oht04, OI05, OI06,
ON07, OP05, PTON08, PB03, RON09, Rot09, SA07b, SA07c, SA08b, TM06].
Recognition
[RKL02, CSR$^+$05, CC06b, KKR$^+$07, KS08b, LL06, PKS$^+$08, SRAL12].
recognized [Unn09]. **Recombinant** [WAMO00, BCJ$^+$08]. **Recombination**

[FK03b, GK06b, GG01c, MM00a, Arc03, HFS06, PER03, WR07a]. **Reconciliation** [MJW00]. **Reconciling** [CC06b]. **reconstitution** [ØKRG04]. **reconstruct** [NGMS08]. **reconstructed** [Ger08]. **Reconstructing** [MSS05, SH06, TS08, WMP03]. **Reconstruction** [GKXS07, IYGA08, WLZ+06, Wil08b, NSS+08a, YYA09]. **recorded** [FB06]. **Recovery** [Sco00, BL08, CMW08, HQP+09, TLZ05, WS04]. **Recruitment** [MSI01, SMD00, ILDP04, LP07c, ZAdlPLM07]. **Rectangular** [GJE02]. **recurrence** [ECAV07, YTL08, YPY+09]. **Recurrent** [EMS02, OKTS02, VdGN+05, CCV08, JWWS08]. **recursive** [II06, YFK05]. **Recycling** [MHDOG01, Rua01, GW06, Gro04, KUK07, SW08c]. **Red** [EP00, KJ02, CSD09, PRP+03, SBI07]. **Redefining** [BDR08]. **Redox** [HSB01, HDNC04, LIK+05]. **reduce** [GLE+09, NdGG06, RHF07]. **reduced** [DRV+06, MGP+08, MH05, RRC+06]. **Reduces** [CP03]. **reducing** [YMLK04]. **Reduction** [BS05b, BHJ03, KKDV01, MSdlPS09, DRV+08, MA04, QWQ09, SWM09]. **reductive** [Kal07]. **Redundancy** [PPEøP02]. **redundant** [DMPP09, Fra08]. **redwood** [DFCL08]. **Reef** [Arm01, ILDP04, wTA09]. **reentries** [TPP+04]. **reentry** [CE08, JB04, SWC+08]. **Reexcitation** [CPM+09]. **referential** [DLB07]. **referring** [NI04b, NI04a]. **reflected** [SBZ+08]. **Reflects** [Di 01b]. **reflex** [SHPDL03]. **refractive** [GMMR07]. **refuge** [CC09b]. **refuges** [PGH+04]. **regard** [SHP09]. **regarding** [Gel07, vV06]. **regeneration** [CLW+08, DLRP07, IZGG05, SI06]. **regenerative** [BFG09]. **regenerative-loop** [BFG09]. **Regime** [FCP03, wTA09]. **regimens** [KW07]. **region** [MPOBD+09]. **regional** [AP04, SAC+04b]. **regionally** [LAG07]. **regions** [OS03, YY07]. **regression** [BR06, CY09, DW08a, LD09b]. **Regressive** [Lac01]. **Regular** [DVL+00, LBJE03]. **regulate** [LKW06]. **Regulated** [FY00, SSJ09, MTS05, PSJ04, RDYH09]. **regulating** [DHYHR09, NLS08, NS07, TLZ05]. **Regulation** [BHOR01, CSP01, CP03, EH08, FFN00, Ish00, KB02, KL09, LL00, LSD+00, Mac00, MVM+00, MAB00, SMBM00, SWS02, TN01, YBV+00, Aba09, ACSY04, BS05a, BRC+03, Cib08, DGM05, DMPP09, DTM07, FM06, GZK06, HSL04, HJ05, JCK09, KLL07a, KI04, KI05a, KH08, LK06, LCHB06, MGDDH08, MJ07b, MBJ09, Nar06a, NP07, PCSL+06, PRP+03, PHL08, RGF+08, RGW+05, RB09b, RKRW08, SA07a, SCS04a, SS05a, SVG+08, Tao04b, TZS07, Voi03, WSS07, XBT09, XT06, YCS04]. **regulations** [KOT07]. **Regulative** [NK08]. **regulators** [PLB+05]. **Regulatory** [AO02, AGZ+06, BWHK02, BdOP06, JP00, KA02, Mac00, SML02, øPVO02, AO03a, ABKR07, AKLS05, BDBR07, BCRG04, BB09, CAS05, DB08, FM07b, Fra08, IvDHI08a, IvDHI08b, Kau04, LS04b, LR07, LGCL07, LKM06, LPB+04, LT08, MSS05, Moc05, Moc08, OB04, PHdB09, QB06, RKYH06, RK07, RB09b, RH08, SI09, ST03, SVGK07, SR08, TK08, Tao04a, TB04, TKKA04, WRG+04, WW07, XT06, YMLK04, YLM03, ZRSK07, dV06]. **Rein** [SKW00]. **reinfection** [BB05, GWM04, GWM05, GWM06, RMRG09, Sch03]. **reinforcing**

[BL06b, GMAH07]. **Reinhart** [CB08b, CB08c, Maz08, MH08, Rap08]. **Related** [AIK00, WAMO00, CTS06, DCC$^+$08, GBZ06, HH04b, LT06, LZ09a, MK09, MMUGD09, RSH$^+$06, WC07a, Won05, dM09]. **Relatedness** [Lio09, Pep00, FFTS09]. **Relating** [WW05b, BBSLN06]. **Relation** [BPZ$^+$01, UD07, AH03b, Bla04, CCF06, DVC$^+$04, FGMP08, Kok04, NDE06, TW04, Yan08]. **relation-like** [AH03b]. **Relational** [Gre09]. **Relations** [BR01, KGD09, KG03, ZFVH05]. **Relationship** [Cha03, Coo01, Raf02, AB06, BdBH09, CS07, CTB09, DBBW09, DBBW11, FL03, KF06, Kon06, LJ06, Leo07, LV08, MR07a, Niw05, PL09, UCSZ07]. **Relationships** [BNT$^+$00, HVPN02, Kal00, MLWL06, BEK$^+$03, Dus06, LZ09a, MKE$^+$09, PC09a, RKOS09, Sav04, WR03]. **Relative** [FMP01, Her00, Bal04, Cib08, GMAH07, KLL08, Lin04, NAV04, WL09, YDFQ05, vdBR04b]. **Relatives** [BJ02, Mar09a]. **relaxation** [IPY07, WL03]. **Relaxing** [HE08a]. **Release** [HFGB02, PV00, BFGB04, BFG05, CWJ07, HS07, LK08b]. **Relevance** [AGCLMM03, CPMG$^+$08, LMVPM07]. **Relevant** [DKD02, RKH$^+$06]. **Reliability** [BB09, GG01a, Har06]. **Reliable** [MC01, RB09b, VRB01]. **Reliably** [BKF00, Ben04b]. **remembrance** [Ost04]. **Remigration** [Hay00, Sol01]. **Remodeling** [Mar03, RMBM00, BR06, HdGH07, LTG$^+$04, NMH07, SKS09]. **remodelling** [DWBB04, KH07a, THL03, WBR09]. **Remote** [YTL08]. **removal** [HH07]. **remove** [TPP$^+$04]. **Removing** [GF09, LST00]. **Renewable** [PG01b]. **renewal** [CPMG$^+$08, DdB03]. **Rényi** [KmMK04, VA04a]. **Reorganization** [Wan00, CABB09]. **reorientation** [KH09a]. **Repair** [Has01a, MS01a, PN02b, Bon06, FCD$^+$05, GVB$^+$08, KKR$^+$07, KRN03, TT04]. **reparation** [VA06]. **Repeat** [RPB03]. **Repeated** [PTON08, BC04a, DRV$^+$06]. **Repeats** [DBHS00, RGPB08]. **repellent** [RRH08]. **Repertoire** [Cha03, VRB01, RWP$^+$08, SBM08, SMPvdB08]. **Repertoires** [DFP01, RKL02, RG05, TSK09]. **repetition** [KWGE04]. **Repetitive** [Tas05]. **replacement** [OPN07]. **Replicating** [KY02, ZW07]. **Replication** [CSC03, GKM$^+$00, HA00, Leh02, Ste02b, HHP05, NS09a, SKR06a, SKR06b, SSDM06, XSD$^+$05]. **Replication-associated** [GKM$^+$00]. **Replicative** [SK01, KF04, PC04]. **Replicator** [HDHS02, KI09, Kom04, AM04a, CHR06, ON06]. **Replicator-dynamics** [KI09]. **Replicator-mutator** [Kom04]. **Replicators** [LL01b, SS01]. **Reply** [CCGC02, EK08, HP00a, Rot08, For04]. **repopulation** [Lit07]. **Representation** [KA02, FM07a, HK05, Khr04, LDXW06, QWQ07, WE06, YPY$^+$09, YAL04, YSW09, ZLLZ09, ZYD$^+$05]. **representations** [Bat09, DqLmW07]. **representative** [LZ09b]. **Represented** [LLCM01]. **repression** [HJ05]. **repressor** [AO03b]. **repressors** [BM04]. **reprobation** [BS04]. **Reproducers** [Ker00]. **reproducing** [JWH08]. **Reproduction** [SI00, YK03, ACK09, ASD08, Fuk05, MS07a, NDE06, NI07b, OI00, WE06, Yan08]. **reproduction-mortality** [ACK09]. **Reproductive** [BK05, LD00, Now00, BFA08, CHCC$^+$04, CC09b, ELSFB07, FGMP08, Kom07, KC07, MGHF06, STMH04]. **reprogramming** [Wil06a]. **Reptiles**

[See00]. **Reputation** [Mce03, MM03b, OI04, OI05, OI07]. **Require** [KKDV01, AFZ08]. **Required** [Kru02, OCA08]. **Requirement** [RK06, DB05, Gol08, JEHK06]. **Requirements** [DGS09, CGS05]. **requires** [DdB03, SI09]. **Rerun** [SSA00]. **rescaling** [PGMK+03]. **rescue** [Mit04]. **resemble** [LY03b]. **resensitization** [BFGS07]. **reserve** [BLOL07, TMH04]. **Reserves** [EH00, Pel00, SH04, SH05]. **reservoir** [AWO+09, RP09b]. **resetting** [FP04a, KMGDG04]. **Resident** [MD01]. **residual** [BMT04, JAA+07, MTS05]. **Residue** [LMT02, GKTN07, RA08]. **resilience** [JLCS08]. **Resistance** [BH01, BH03b, HB02b, JL00, PG01b, Wod01, ADHM09, BR08, CC09b, DMO+07, DPA05, HI07, HLA09, HML09, ITLN09, JWH08, Kom06, MV06, MWB05, MG09, MWD08, PCB07, PGM00, PGH+04, RGFP07, XAP07]. **Resistant** [HB02a, UHI02, AAEW09, ABP+00, MPM07, MMV+04, MGL+06b, PGH+04, MWD08]. **resistive** [KC03]. **resolution** [MN07b, NP08, WT05]. **Resolutions** [ES01a]. **Resolve** [Eic01]. **Resolving** [Chi07, FS09, MPN07, OS03]. **Resonance** [AM01, FSG00, FSGB+02, GRG02, ING04, KGG07, Mil05, SHRR06, VA04b]. **resonant** [AB07a]. **Resource** [AKS07, DFP01, Hur06, LM01b, PG01b, Rev00, Rev02, SFS+01, VW00, YHI07, EW09, FL09, GNLEK07, KG06a, MW09, PM03, Sat04, TY09, Wak07, WR03, YOYT07, YB05, YKG+05, vKPdR07]. **resource-biodiversity** [WR03]. **resource-competing** [TY09]. **Resource-enhancement** [YHI07]. **resource-species** [KG06a]. **resources** [BB03, KLL07b]. **respect** [BWvK+08, GSG+07, Yam03]. **Respiratory** [FW01, Kan01, CKE06, Hen04, MSDM06, VPGA07]. **responding** [CSON+05]. **Response** [BNT+00, BWHK02, CS09, FSG00, Fra02, Han01, KSM02, KW00b, Lie05, LL01b, PG01a, Ril02, SMBM00, TRM03c, VMW01, Abr09, Agi04, AA04, BRC07, Bra05, CTB+05, Cog06, DRV+08, DRV+06, DMPP09, DKLL05, Di 00c, DSU+04, EHG03, HSC07, HML09, Hua03, KRNG08, KV04, KMGDG04, LPC06, LLW09, LZS+08, MS03a, MK04, MBB+06, MM03a, MV07, NKL06, OM08, Ort06, PCZL05, PCZL06, PWVvR09, PCA+09, PBR01, RRC+06, RGB06, Rue07, SZ04, SMPM09, SMNL07, SSB06, SZ09, TY09, Tan07b, TRM03a, TRM03b, WAL06, dVG04, dVG06]. **Responses** [Ace00, ABP+03, GS02a, Kar03, Wod01, WJ01, BdOP06, CDFP04, DMQ04, HM05, Jam04, Koh07, PE04, RRKF09, WMS08b, YLM03]. **rest** [GGH+05]. **resting** [Jäc07]. **Restitution** [CE08]. **restoration** [HH07]. **restraints** [Osb08]. **restricted** [FWLN04, GG02]. **restriction** [Bar05, NT04]. **Result** [öWO01, MWCS04, TMBD09]. **Resulting** [MLMW01, CdOWS04, Kon03, WBR08]. **Results** [DRV+08, MBB02, AHCN07, BTL08, KD03, wTA09]. **retaliation** [JB08]. **Retama** [FLS+04]. **Rete** [SWS02]. **reticulated** [FI06]. **Reticulitermes** [MKN02]. **reticulocyte** [PBZ06]. **Reticulum** [AGT+01, DBR+05]. **Retina** [Moc02, EH08]. **retinae** [HH04b]. **Retinal**

[BKCR01, Che00, TMI03b, MRJR09]. **Retinoid** [EM00]. **Retinopathy** [RBBH02]. **retranslocation** [Arc07a]. **retrospective** [HKC+07]. **retrotransposition** [RRK06]. **Retrotransposons** [XD02]. **Retroviral** [PDA+00, PD01, VSP06]. **Return** [WGH01]. **reveal** [HEH+09, Ken07]. **Revealed** [BPZ+01, HAC+09, ZFVH05]. **reveals** [FPBM08, HGH08]. **Reversal** [YMC01, HMP04, SPC02]. **Reverse** [Nas01b, LS04b, SCNP+06]. **reversed** [GT06b, SIK03]. **reversible** [TE04]. **Review** [WRF01, Voi03]. **Revising** [BDMR06, MGL05]. **Revisited** [DS00a, HS00b, JBP02, CH07, MBJ09, NM08, Poh08, Row06, SK09a, SE02a, ZAdlPLM07]. **Revisiting** [Coo01]. **reward** [CJLS08, Här07a, JLCS08, Toy09]. **rex** [HNTHA07]. **RHDV** [FLG+09]. **Rhizobia** [PV00, MCC+09]. **Rho** [CSON+05]. **rhodopsin** [SN06]. **Rhythm** [RWR00, RVMR01, UHK01, IB06, INSR08, KA03b, SG04]. **Rhythms** [Dai02, LAG07, Ref04, SRR08, THKU07, TIM06, XK07]. **ribosomal** [NN07, OS03, Sel06, Sel07]. **Ribosome** [LSD+00, GW06]. **ribosomes** [GPN05]. **Ribozyme** [Ste02b]. **rice** [BKMH07]. **richness** [Gos06]. **right** [HH07, vV09]. **rigid** [NM06]. **rigidum** [CEP05]. **Rinaldo** [MGL05, MGL06a]. **Ring** [Yos03]. **rings** [Ber03]. **rippling** [AV05]. **Rise** [Laz03, CY07]. **rises** [LMF03]. **Risk** [Bon03, CLZZ02, HIN00, HI00a, Har01, Jam01c, PKW+00, Wag03, WH01, HI05, HF03b, KY03]. **risks** [BKM09]. **risky** [IMNT09]. **ritronavir** [NLM+08]. **rival** [HH06a]. **river** [Cud05, MWL+07, MBRRI08]. **RNA** [BZ05a, AS07, AJSL07, BZ05b, CXZ+09, CGK+05, CMB+01, DW08a, DM07, Dor03a, DL08, DLM03, GWPW04, HR08, JPJ06, JR08, KD06, Leh02, MPOBD+09, Nas01b, Sel06, STW+09, SSDM06, SBM08, Tay06, WDH+09, YCC+06]. **RNA-** [YCC+06]. **RNA-binding** [AS07, STW+09]. **RNA-guided** [AJSL07]. **RNA/Protein** [Nas01b]. **RNAi** [Bah07]. **RNAs** [CMB+01, Kun00, LRD04, NN07, OS03]. **RNY** [Leh02]. **roads** [DLM03]. **Robust** [CCC08, DMPS05, FK03c, RDF03, UHK01, WPE03, AWAB05, AB03, BFK08, BH03a, GKTN07, SR08, SSF09, Wan06]. **robustly** [IS08]. **Robustness** [ABKR07, CAS05, FK01c, MWB+02, SYYI07, WW07, BRCB04, BWvK+08, Est07, FV09, FAW06, GK06b, HMB+08, KH09c, Ref04]. **Rock** [KNS05]. **Rock-scissors-paper** [KNS05]. **Rodents** [Går00, Jam04, PM03]. **Rodgers** [EK08]. **Role** [AWJ02, AB00, BRC07, BL00, Bra01, BHJ03, CPM+09, CBH02, EM00, EMS02, GB01, HG02, JAA+07, KK06, KK00b, Kun00, LZS+08, LBJE03, MSGS08, NI06, NI07a, NC02, PD06, Sta00c, The00, UI02, WJ01, Aba09, Agi04, Ama04, AS07, AM06, Bon03, CEP05, CFCGCC03, Ded08, FPBM08, FDA+09, FGMP08, FWE06, Gre05, GCC08, GPN05, HML09, JWH08, KSB07, KSEK09, KA03a, KM05, LB05, LJ09a, LRHB09, MAL03, MRGADD08, MM09, ML09b, MM03b, MPL06a, MJ07a, PBL06, Pic06, PC04, RM04, RGPB08, SES08, Sch03, SKR06b, SH08a, SRG+03, SCS04b, SGGM05, TLZ05, VAAH05, WG06, XBGN05]. **roles** [DMPP09, Est07, HLA09, KF04, Mar09a, MBRRI08, RRH08, Yan08]. **Root** [LSMLB+02, MAB00, Mur00, BCKE+08, CKS04, Di 08, DFSD05, HML04, LBCL09, RF04b, SP07b]. **Roots**

[SSKL01, BLL08, Bio08, Che07, Mig06, RF04a, RF04c]. **Ropalidia** [BIS+07]. **Rotation** [FMP01, Nir02, NM06]. **route** [JMvdB09, PB07]. **Routes** [TU00]. **RP** [KA02]. **RP-Effects** [KA02]. **RPE65** [GZG06]. **RPs** [KA02]. **rRNA** [AIK00, YCC+06]. **rRNA-** [YCC+06]. **rRNAs** [OS03]. **ruffled** [Kin04]. **rufiventris** [DPV00]. **Rufous** [DPV00]. **Rufous-bellied** [DPV00]. **Rule** [FI00, For00a, Sug02, VMW02, BM09, JD09, Row06, ST03, ZXWF08]. **Rules** [Bea00, BDMR06, BP08, BS04, HH04c, HH05b, KCS+06, KGL09, MGL05, MS09a]. **rumen** [BKD+06]. **ruminoreticulum** [VTC08a, VTC08b]. **rumor** [KSY+08]. **run** [QD09, RDH09, RBS05]. **Runaway** [ND09]. **Running** [MKN02, BGF03, BG06, BB06b, BB07b, GSB05, HNTHA07, LW08a, RGG00, RBS05]. **Rupture** [FMP01, FHD09, ZHB04]. **RuvAB** [Xie07]. **RuvAB-mediated** [Xie07].

S [EK08, How09, CLW+08, MCB07]. **S4** [Gre05]. **Saccharomyces** [GKM+00, Thi04]. **saccular** [KH07a, KH09b]. **Sacculus** [Koc00]. **Safe** [VRB01]. **Safety** [FMP01, LMVPM07]. **sagittal** [SH08b]. **sagittal-plane** [SH08b]. **SAH** [WZW+07]. **Saharan** [MBH03]. **Salamandridae** [DOT02]. **salinarium** [CR02]. **saline** [NKC+08]. **Salivary** [FY00]. **Salmonella** [AS00, Kee05, LGS+09, LTLM09, PMB06, XBCF05, XFBC07]. **Saltatory** [Mal02]. **Sample** [MC01, Toy09]. **samples** [Eti09]. **Sampling** [BRCB04, Chi07, CH05b, LS04a, VFC+09, Che06b, CWDM06, SPAH06, Sta09, WFGP04, WT09b]. **sampling-based** [Sta09]. **Sampling-rate-dependent** [VFC+09]. **Samuel** [For09]. **sanction** [MCC+09]. **Sand** [Yos03]. **sapiens** [SKR06a]. **saplings** [Che07]. **Sarcomere** [DSCD02]. **Sarcoplasmic** [AGT+01]. **SARS** [CFCGCC03, HKC+07, MPN+05, NLM+08, WR04]. **SARS-CoV** [NLM+08]. **Satellite** [RPB03]. **sativa** [Mei05]. **Satoshi** [Gel07]. **Saturation** [CMW08]. **scaffolds** [LWRK07]. **Scalar** [MLA04]. **Scale** [CL05, Ken07, KBD06, PPEøP02, VG01, WR03, BNRW04, CLH07, FP03, FM07b, IiKY07, KC03, KHHS09, MS08a, NA02, Ots08, PAA05, SP00, SBZ+08, XBGN05, ZLXY08]. **Scale-dependence** [WR03]. **Scale-free** [CL05, KBD06, FM07b, IiKY07, KHHS09]. **Scales** [Ell01, BH03b, GSRC+06, GS08b, KSR07, RRS+07]. **Scaling** [Cha01a, CMW02, NL03b, PW09b, SBvS06, Tay00, Tho05, TP05, WMLC02, BK05, BDMR06, Bio08, CY07, Dem06, HJ07, Hui09, Kai04, MGL05, MV06, MFI09, Niw04, Niw05, RA08, San03, Sav04]. **scan** [Raf02]. **Scanning** [BG00b, BPZ+01, Cui07, RWP+08, TR08]. **scapularis** [OBPH+08]. **Scarce** [WSC02]. **Scarring** [CS00]. **scatter** [SMPM09]. **scavengers** [RH04]. **scenarios** [DRV+06, HBWB08]. **Scent** [LM01b]. **Schaefer** [BDR08]. **schedule** [Wak05, YOYT07]. **scheduling** [ZT06]. **scheme** [DF09, LME06, LZ09b]. **Schemes** [LMT02, CA09]. **Scheuring** [LL01b]. **Schizophrenia** [Jam00, Răd08, Răd09]. **School** [Ano01h, GBK+07a, Niw04]. **school-formation** [GBK+07a]. **Schools** [IK02, GBK+07a, Niw05, ZKH+05]. **Science** [Win04]. **scissors** [KNS05]. **scope** [LHDvdM04]. **score** [ST05].

Scores [LLCM01]. **scoring** [PGLL07, SA07c]. **screening** [LT06]. **Screens** [WKL01]. **Scrounger** [Bea00, OT09]. **Sea** [Arm01, Kal00, Zac09]. **Search** [KMI02, VMW02, FP04a, HC07b, MD03, OI07, WDH^{+}09]. **searches** [BCV^{+}08, RB09a]. **Searching** [PB06, SCH05b]. **seasonal** [AB07a, HBOS05, ING04, PL09]. **seasonality** [GJ07]. **Second** [Ano09a, BP08, SSB^{+}07, Can07, ZXWF08]. **Second-order** [BP08]. **Secondary** [ERM00, BKKR08, CXZ^{+}09, DW08a, KSR07, WZ08]. **Secretion** [MW01, TMS00, BD08a, GCB^{+}07, JK04, Luc05, OHM05, Rot07, WTC09]. **secretory** [LKM06]. **sedentary** [EL09]. **sedimentation** [CC09a]. **Seed** [ARKL02, CR01, HH06c, KY00, LBF01, PM03, SA05a]. **Seed-cache** [PM03]. **Seed-parasite** [LBF01]. **seeding** [BEK^{+}03, CLHW07]. **seeds** [MA03b]. **Seek** [NS03b]. **segetum** [RRS^{+}07]. **segment** [AO03a, Han04, ZSZ^{+}06]. **segmental** [AD06a, HNTHA07]. **Segmentation** [KMH00, RPB03, XWD^{+}01, Cin03, GP08a, GK09, RGSFM07, UMI09]. **Segmenting** [ST03]. **Segments** [Lan00a, RMBM00, EPR07]. **Segregation** [BRC^{+}03]. **SEIS** [WC07a]. **seismology** [HB07]. **seizure** [RR08, UL06]. **seizures** [KRR09]. **selectin** [LCHK09]. **SelectinE** [VS08]. **selecting** [IS09]. **Selection** [DFP01, Di 00a, DPA03, Dus00, Dus06, FAW06, Fuk05, GBK^{+}07a, JP00, KW00b, KOK06, KK00c, LL01b, Loc08, LK03, MK01, MM02a, OLS^{+}02, OMT03, OKS01, RKNK01, Sta02, TL02, The00, WT01, Wel00b, WC02, WL02, YK03, YLL00, YL00, YFK05, ATO^{+}09, BP03, BdABA09, BGB08, BFR05, BH03b, CC06b, CT06, CSB^{+}09, Cor05, Dal06, DGZ07, Dic08, Fer09a, FR07, FR06, FL09, FZ07, FSS06a, Fuk04, Gab06, GLSW07, GGPFM08, GA08b, GCC08, HH05a, IMN04a, Jam04, JWH08, Kel07, KA03a, KTH09, KSN03, KK06, LJ09a, MCF04, MR03, Mas09, MHMGM08, MFM^{+}03, Mie05, MS09b, ND09, RBJ06, SH03, SC05, SW08a, Sch09, SW08b, SA05a, SP06, SBZ^{+}08, SSR04, She06, Smi08a, Smi08b, Smi08c, TAN09, TOA^{+}09, TPN07, TNP07, WS06, WT05, WT07, Wit03]. **selection** [WVA05b, dBWBP06, vV06, vVH07, vV09]. **Selective** [Kra01a, OAC03, LAG09, SK09a]. **Selectivity** [SSB^{+}02]. **Self** [BR00, BPZ^{+}01, BK01, CDDW02, CBC08, DS00b, FMI05, Gab06, GJ07, LL00, ORM03b, ORM03a, OI00, RMF08, Sac04a, AC04, CSS08, CS06, CPMG^{+}08, CMB^{+}01, For01, HS04, ILDP04, KG06a, KA03b, LRD04, MS07a, MB09, MCM^{+}09, MNMH^{+}08, MS05b, NLS08, NL03a, OB08, Oud05, QO08, SRS09, Sat04, VA06, WH07, XBT09]. **self-attraction** [SRS09]. **Self-cluster** [CDDW02]. **self-consistency** [CS06]. **Self-deception** [BK01]. **Self-disturbance** [BR00]. **self-incompatibility** [Sat04]. **self-limiting** [NL03a]. **self-maintaining** [MNMH^{+}08]. **Self-maintenance** [OI00]. **Self-Organization** [BPZ^{+}01, CBC08, FMI05, GJ07, RMF08, Sac04a, KG06a, LRD04, MB09, Oud05, QO08, WH07]. **Self-Organized** [ORM03a, ORM03b]. **self-organizing** [AC04, MCM^{+}09]. **Self-other** [Gab06]. **self-promoting** [CSS08]. **self-recruitment** [ILDP04]. **self-regulating** [NLS08]. **Self-Regulation** [LL00, XBT09]. **self-renewal** [CPMG^{+}08]. **self-reparation** [VA06]. **Self-reproduction** [OI00, MS07a]. **self-sustained**

[KA03b]. **self-sustaining** [HS04, MS05b]. **Self-synchronization** [DS00b]. **Self/Not** [For01]. **Self/Not-self** [For01]. **Selfish** [EFW07, MKN02, VMW01, VMW02, Arc03, JBK04, NI06, NI07a, RV05]. **Sel'kov** [NM08]. **Semantic** [KM08]. **Semelparity** [RTK02]. **Semi** [CCGC02, MR07b, Ril00, SN07, GJ07, IPY07, TBB$^+$06]. **semi-arid** [GJ07]. **semi-dilute** [IPY07]. **Semi-discrete** [SN07]. **Semi-log** [MR07b]. **Semi-quantitative** [CCGC02, Ril00]. **semi-stochastic** [TBB$^+$06]. **Semicircular** [MV02a, MV02b, MV02c]. **Semiconservative** [TSS06]. **sempervirens** [DFCL08]. **Senescence** [MP09a, SK01, Ark05, KF04, PC04]. **Senile** [EKS02]. **Sense** [Ano01f, Tan01]. **sensing** [HSMM07, Kri09, KH08, NSI08, Nar06b, SMNL07, SN04]. **sensitive** [HH04b, Ped07, RA06]. **sensitivities** [SV05]. **Sensitivity** [Ace00, CZM09, HLS01, IS03, LG04, LTLM09, NAS07, PG01a, Vei03, Cal06, DGZ07, MHRK08, QD09, SHP09, TBB$^+$06]. **Sensor** [Bar01, SN05b]. **sensors** [DMPP09]. **sensory** [LAG09, Lew03, LB06, LFSG$^+$05, MDCC06, SA08a]. **Separate** [Yan08]. **Separately** [FGH01]. **separating** [Pen03]. **Separation** [TMI03a]. **September** [Ano00h, Ano00n, Ano01k, Ano01q, Ano02g, Ano02m, Ano03w, Ano03-29, Ano04-35, Ano04-39, Ano05-33, Ano05-38, Ano06-36, Ano06-41, Ano07-36, Ano07-42, Ano08-32, Ano08-38, Ano09-29, Ano09-35]. **Sequence** [AOH03, AøP03, BFH$^+$01, Cha00, FS09, JAJA07, MM02b, XWD$^+$01, BdBH09, BE08, FT07, FFTS09, JAV07, JQR08, Kur08b, LGK$^+$09, LGK$^+$12, LLS$^+$09, LZ09b, Mei05, MGDM08, PWZ09, QWQ07, Ste09, WDH$^+$09, YY07, YSW09, ZYD$^+$05]. **Sequence-Based** [AøP03]. **sequence-dependent** [WDH$^+$09]. **sequence-structure** [BdBH09]. **Sequences** [CDDW02, DVL$^+$00, DBHS00, GBCC01, Jav00, Leh02, NA02, OKS01, PAD00, WJMH00, XWD$^+$01, CRL06, DqLmW07, FmW08, For07a, GHC03, KMC$^+$07, LTW06, LDXW06, MK03, NA03, Pán08, PKS$^+$08, PGLL07, SKR06a, SKR06b, STW$^+$09, SBM08, TFYY03, VA04a, WLZ$^+$06, YZGW06, YAL04, ZC06, ZYW07, ZW03, ZYD$^+$05]. **Sequencing** [KSO06, RBS05]. **Sequential** [BCV00, FY00, FFHK09, HB09, SC09]. **Sequential-Arrivals** [BCV00]. **sequentially** [SH04]. **sequestration** [BFGD07, LGB03a, LGB03b]. **Sequoia** [DFCL08]. **Series** [HI00a, SZ01, WP01, AFD$^+$06, GXG03, HRSV06, KRGH07, Ref04, Wan06, Whi05]. **serine** [dCZJ$^+$04]. **serpines** [BKKR08]. **Sessile** [MSI01]. **set** [DZB$^+$04, TGN07]. **setpoint** [GGH$^+$05]. **sets** [HS04, RK07, Yan05, Yan06]. **settling** [McN06]. **several** [BRC07]. **Severe** [Sco00, CSD09, ND09]. **severity** [CY07, CXM$^+$09]. **Sex** [Bel06, BB02, CL00, FMD01, For00a, Gag00, Jam00, Jam01a, Jam01d, MMTS02, Ste02a, Tor00, Wel00b, XD02, YLL00, CSB$^+$09, CW07, CSM05, For07b, GRW03, Gra07, GI09, GT06b, Hel08, HMP04, Jam04, Jam06, Jam07, Jam08b, Jam08c, Jam09b, KAI08, LVH04, MSP03, MT06a, MT06b, MM09, MS03b, Mit04, PDM04, Pec06, SS03, Sat04, Wak05, WT05, Yam03, RHF07]. **Sex-** [YLL00]. **sex-determining** [Mit04]. **sex-ratio** [CSM05, WT05]. **sex-reversed** [GT06b]. **sex-specific** [CSB$^+$09]. **sexes** [Jam09a]. **Sexual** [CMB02, For00a, Jam01a, PDC02, TL02, YK03, ASD08, CC06b, CT06, Cor05, DBBC08, Fuk05, GOP09, GCC08, HI04, JE09, KI09, PDM04, SP06]. **sexuality** [YYY+08]. **sexually** [GOP09, HK09, MM09, UH09]. **shade** [ZAdlPLM07]. **Shannon** [DPV00]. **Shape** [CR01, CACC02, Kaw01, KVMV01, LF01, PPGS03, PKA02, SB00, Abr09, AGZ+06, BdABA09, GEK04, HBWB08, JQR08, KSG03, KH07b, PBZ06, PBZ08, RLCIB05, SBZ+08, WO04, WFGP04]. **shaped** [BLZ07a, BLZ07b, LZ09a]. **Shapes** [JL01, CGK+05, KSB07, Osb08]. **shaping** [Ded08, Yan08]. **Shared** [Bon03, CdOWS04, CJLS08]. **Shared-enemy** [Bon03]. **Sharing** [DS00a, MT06a, MT06b, Uit09]. **sharp** [Ros05]. **sharpens** [IS08]. **Shear** [Bar01, SKN+03, CSON+05]. **Shedding** [CB07b, IGHW07, LCHK09, USTG09]. **sheds** [KS08a]. **shell** [SS06b]. **Shepherd** [AKR09]. **Shielding** [AR08]. **shift** [IFN07]. **Shifts** [HCC00, YFKP03, BTCD07, SZ04, wTA09]. **Shimojo** [How09]. **shock** [SZ09]. **Sholl** [MR07b]. **Shoot** [PKL02, FLS+04]. **Short** [MZK08, PE00, BRC+03, SBM08]. **short-** [BRC+03]. **Short-Distance** [PE00]. **Shortening** [SK01, SGD04]. **Should** [CMCH08, KV04, ITKL08, MH06b, OI04, OI05]. **show** [AA04]. **Shows** [CDDW02, PPEøP02, AS00]. **shrub** [FLS+04]. **Shuffling** [MM02b]. **shuttle** [LZS+08]. **shuttles** [NM08]. **sialic** [CPG09]. **sialyl** [VS08]. **sialyloligosaccharide** [SV03]. **Sib** [KY00]. **Sibling** [Tor00]. **siblings** [Row06]. **side** [BTA08, NGN+04]. **siderphore** [FFME08]. **Sign** [GVK00, Kra01a, SPC02]. **Sign-reversal** [SPC02]. **signa** [Cor05]. **Signal** [CMB+01, HVY+07, KPS02, Kri09, Noe00, RGB06, SPC02, SSB06, AFD+06, Arc09a, CRL06, De 03, FB08, HDNC04, Har06, JDMZ+07, KTP09, KWGE04, KY03, MS03a, MCB07, NS05, NS09b, NSI08, PKS+08, RM04, SP05a, SV07, SS09a, SYYI07, SPB06, SM06b, VdL03, Wil06a]. **signal-transduction** [NS05]. **Signaling** [Cum00, DT07a, FK01a, GSB01, RG03, AKLS05, BH03a, CLB05, DLF+07, FWCN05, GP08a, GBK+07b, HSL04, HH08, Jäg08, Ker04, Ker06, LHFH08, NSS+08a, OAKC08, PP04, RWCK08, WL04, ZPP08]. **signaling-induced** [OAKC08]. **Signalling** [De 02a, SRMW00, Wes08, BSR06, HH04a, Hur06, RGSFM07, WWS+06, YCS04]. **Signals** [VP01, HG08, JDMZ+07, Jäg08, KCV05, MDCC06, MH06b, MR07a, PBHS05, PBR01, RK06, Rob03, SNA+08, Thi04]. **signatures** [PCB07, Paw09a]. **Significance** [TMS00, Bon06, CMG06, IZGG05, LN03, WSM05]. **Significant** [PPEøP02, MWCS04]. **silencing** [DRMLS09]. **Silico** [EKS02, AOH03, BKKR08, CABB09, GKB03, WRKK09]. **similar** [PFRR08, SZC+03]. **similarities** [Lap03]. **Similarity** [LBJE03, BM09, BD08b, SM09b]. **Simple** [ARW00, BE03, BHJ03, CY07, Går00, Gie06, Gro02, HS02a, HR00, ISC01, JJ01, JSV02, LJW02, OAKC08, SES08, Ten08, VA06, WSS07, AC04, ASMM08, AW06, ACK08, BST05, CHN08, DECEK06, Ded09, GSB05, GI09, HA07, Lew05, MGS08, MRF07, PNG03, San03, SW08b, SVGK07, SCS04b, SG06, Tak06, VdL03]. **simpler** [CSS06]. **Simplest** [BSRH02, BSRH03]. **simplex** [HHP05, NS09a, PBHS05]. **Simplification** [FSG00]. **Simplified**

[BT06, TLA00, BPLS06, CMG06, LT08, NHTM09]. **simplifying** [DB08].
Simulate [FC01]. **Simulated** [KTH$^+$00, NO04, RV05, Shi06a, Wal00,
öOW01, DBGM08, KD06, LBS06, Sta08, UKY$^+$09]. **Simulating**
[AMD05, AMD06, BZM05, BLF$^+$09, MKLD02, RVMR01, SPB06, WR04,
ZJG03, ZAD07, HTN04a, HTN04b]. **Simulation** [ANL01, BZ00, CC01c,
CMS$^+$00, ELB02, FY00, GJE02, GLV02, Ker04, Ker06, KS01c, KA03b,
MGS08, Rue07, SDL$^+$08, wTA09, TS02, WQ00, öWO01, ACK08, BMH07,
BKMH07, BL08, BGB08, DGM05, DSU$^+$04, FPBM08, FVP$^+$07, GHHR03,
HK05, HED06, LCL03, LS08b, LDW04, LDW05, LKW06, LME06, ML07a,
ML07b, MSS05, PGF$^+$08, SBZ$^+$08, TSZ$^+$07, TNTJ08, Usa06, VN08, dQW07].
Simulations [KRNKH00, LP00, BS05c, CV08, GFWT04, GBK$^+$07a, HBB08,
Lap03, LJ09b, LCHK09, Man06, NLM$^+$08, SKY09]. **Simultaneous**
[AH00, GZL$^+$03, JBP02, SB09a, CH07, KR05]. **Singapore** [CFCGCC03].
Single
[BB02, DSCD02, HS03, KK00a, Kut03, PH03, Sev06, TH03a, TGR$^+$00,
TTKZ01, VLFN00, YK03, BGK09, Bra05, BTL08, CHR06, Cyt04, DHYHR09,
FLG$^+$07, For07a, GFW$^+$09, GE05, GPN05, GZK06, Hua03, Kut05, Lei09,
Lei10, MSGS08, MKA05, RvMK$^+$05, SRG$^+$03, SK09b, TOB08, VWR07].
single- [GZK06]. **Single-Channel** [TTKZ01, GFW$^+$09]. **single-gene**
[Bra05, MKA05]. **single-host** [VWR07]. **single-infection** [SK09b].
Single-neuron [Sev06]. **Single-solute** [TH03a]. **Single-species** [BB02].
single-stranded [For07a]. **single-substrate** [GPN05, SRG$^+$03].
Single-turnover [TGR$^+$00]. **Singular** [MW07, FP03, GLE$^+$09].
singularities [DB05]. **sink** [Ama04]. **Sinoatrial** [öOW01]. **sinuosity**
[Ben04b]. **Sinus** [öWO01]. **sinusoidal** [KCS$^+$06, WKRD09]. **SIR**
[AB07a, KR07, KGG07]. **SIRVS** [ZT08]. **Site**
[Kut03, TGR$^+$00, Jus08, WOLS07]. **Sites**
[KMP03, Mac00, DL08, DHW$^+$09, HL06, HS07, KOK06, KmMK04, Lio09,
OBL04, SN09, VSP06, Xie09, dQW07]. **situ** [BMH07, FBUL05]. **sizable**
[Rot09]. **Size** [Ano01g, AROS07, CC01a, Cha03, Che03b, EH00, FI00,
GTDA02, HI00a, Hay00, IKS00, Kaw01, Ken01, KMGV00, KVMV01, LST00,
MGL03, NL03b, Now00, RH02, SS03, SH04, Sat04, Arc09b, Ari05, BPC08,
BC09b, BR04, BG06, Bog04, BFA08, CFM04, Dus06, Fow09, Fuk04, GR08a,
GBGAKD05, Här07a, IKD04, JG06, Lac09, LMH04, LBS06, LS08b,
LHDvdM04, MV06, MFI09, MLPJ09, SH05, SWM09, SA05a, TK09a, TK09b,
TH03b, WFGP04, YYY$^+$08, YHI03, dV06, vKPdR07]. **size-** [BPC08].
Size-dependent [FI00, SS03, Sat04]. **size-independent** [dV06].
size-invariant [MV06]. **Size-number** [SH04, SH05]. **size-scaling** [MFI09].
Size-structured [AROS07, vKPdR07]. **size/distribution** [LBS06].
size/number [SA05a]. **Sizes** [MC01, HRZ06, HP04, Niw03, Niw04, SA07b].
sizes-bias [HP04]. **Skeletal** [JMB00, Laz02, Mar03, FKAC06, HTCS07,
JTGP06, LBQ$^+$05, LK08c, Mag04, PC09b]. **skeletons** [Zac09]. **skew** [MX08].
Skin [Ano01e, Mac01, SM01, BGE05a, BGE05b, BGE06a, BGE06b, LN05b,
PGN08, SVN$^+$05]. **Skylight** [BH04]. **Sleep**

[PR08, MKS$^+$09, Muz05, RKRW08]. **slenderness** [GMAH07]. **sliding** [FHD09]. **slime** [TTT09, TKN07]. **SLLE** [WYXC05]. **slopes** [Ait08]. **SLOSS** [Ova02]. **slotted** [SM06a]. **Slow** [Eic01, Ker00, CHN08, ES08, LBSP06, MSdlPS09, Ped07, Saf05, SW08a]. **slow-fast** [MSdlPS09]. **slowing** [CF09]. **slowly** [WCLL08]. **slug** [DO04, VW03]. **Smad** [NS09b]. **Small** [EN02, MS02, BNRW04, BOvD08, DCC$^+$08, GBK$^+$07a, HP04, LD09a, LRD04, LBSP06, MLWL06, MLPJ09, SK05, SBvS06, VdGN$^+$05]. **small-scale** [BNRW04]. **small-size** [MLPJ09]. **small-world** [SK05]. **smallest** [OBDJ06]. **smallpox** [NDE06]. **SMB** [Ano00e]. **Smith** [Ano06-54, Gav06, Har06, SS06d]. **Smooth** [HFGB02, BFG08b, BFG08a, FB08, KBT08, NMH07]. **SMP** [MRC09]. **Snake** [JLS01, Bak07]. **snowdrift** [SPS09]. **SNPs** [Ken07]. **soaring** [RH04]. **Social** [BW01, Bea00, BHOR01, KB02, NC02, OI06, Pep00, SMD00, Arc09b, BCH03, CLMMP06, DMH08, DW05, DBF07, EG07, HMND06, Hau06, KGL09, Kro08, MP09b, MM03b, NL04, OI07, OB08, PRT04, Sac04a, SLIL07, Tof06, Tul03, UM08, VN08, WS06, YY06]. **Sociality** [Gin00b, PSWK09]. **Societies** [GTDA02]. **Society** [Ano00e]. **sodium** [Dim05, Kur08a, SVG$^+$08, WCH$^+$09]. **Soft** [LDT09, Lap03]. **Soft-cuticle** [LDT09]. **soil** [BNRW04, BÅ03, BSJ04, WRNB04]. **Soldier** [CSS06, HYA02]. **soldiers** [AK04]. **solid** [AM04b, GA07, MF05, SGGM05, WBR09]. **Soliton** [Sin06]. **Soliton/exciton** [Sin06]. **Solubility** [DNS00, Kat03]. **soluble** [MRC09]. **solute** [MM03a, TH03a]. **solutes** [SCNP$^+$06]. **Solution** [CP03, DALP03, CTS$^+$08, GSB05, GC09, LMH04, LN03, LWC09, LHDvdM04, MZK08, MC06, TE05, VS08, Wax09]. **Solutions** [CT02, AB07a, BÅ03, MW07]. **Solvent** [GKTN07]. **Soma** [Zhi02]. **Soma-to-Germline** [Zhi02]. **Somatic** [Fra03, Kok04, MFM$^+$03, SK01, WW00, BFK08, BI09, SLL06, YKG$^+$05]. **Some** [BZ00, Dor03b, IMN04a, Jam01c, Jam08a, Mur00, Ort06, RMAI06b, Wil08a, CRB05, CMB$^+$01, Gel07, HH04b, Jam04, LY03b, Nar06a, TLC07, KV04]. **Somite** [KW00c]. **Somitogenesis** [CMS$^+$00, KMH00, Cin03]. **Song** [RKH08]. **sons** [Den08, Kan05, KV05, Kan06]. **Sorting** [CKJ$^+$02, SFV02, KD03, Pal08, UI04a, UI04b]. **SOS** [BKP09]. **SOS-induced** [BKP09]. **sounds** [Oud05]. **Source** [BR00, DO01, Ama04]. **source-sink** [Ama04]. **sources** [Bat06]. **sp.** [Bur09]. **Space** [AOH03, BFH$^+$01, Cha00, CP03, KKDV01, LF01, MSI01, Niw04, PB06, CHR06, DRV$^+$08, FT07, FFTS09, HTN04a, HTN04b, HQP$^+$09, JBF$^+$03, KB04, LF08, MK03, MDL04, PSPF07, RHH08, SP05a, SES08, TN04, TTN05, WFGP04, WW07]. **space-filling** [HTN04a, HTN04b]. **Space-irrelevant** [Niw04]. **Space-limited** [MSI01]. **spaced** [TN04]. **Spaces** [SSWF01]. **spacing** [ASMM08]. **spanning** [Byw09]. **sparks** [GS08a]. **sparse** [NSS$^+$08a]. **Spatial** [CC01a, CKJ$^+$02, FM02, Fra00b, FJBK05, GS02a, HDF04, Hau06, JJ01, KC05, KG06a, LNH08, LM01b, MY09, MKLD02, MI08a, MI08b, PPL$^+$00, PBR03, SLIL07, She06, SNA+08, WK05, WRF01, AC07a, ACLW03, ACK09, ASD08, Cib08, DDJ06, GS08b, HAC+09, Hui09, IKD04, JE09, JLCS08, KSB07, KUK07, KC03, KD03, Kri09, LMF08, Lio09, LFP+05, LJL08, Mar04, MS09a, RKH+06, SN09, SFVA09, SPVN06, Wak07, WMS08a, WKB07, WAL06, YHBW04]. **Spatially** [CLZZ02, Gre00, HS00a, Hie05, LSMB+03, OSBH02, PL01, RSBY03, Sch02b, WMS08a, WZL00, BGF07, BGO08, CG06, CSM05, FLG+09, Har07b, HM07, JI05, KB04, KBD06, Lio09, MS07a, MSH05, PWK03, SS06a, XBGN05, XFAS06]. **Spatio** [BGF07, Jac03, MGP+08, SCH02c, FM04, PCS+06]. **Spatio-temporal** [BGF07, Jac03, MGP+08, SCH02c, FM04, PCS+06]. **Spatiotemporal** [BR00, MPL06b, SRWL02, SIHH04, SSL08, YHM+06]. **spawning** [MA03a]. **Special** [Ano06-54, CD00]. **Specialists** [Wah02, DW08b]. **Specialization** [KW00c, PPL+00, RHF07]. **specialized** [Dru03]. **Speciation** [DM00, JP00, KRN01, PC09a, Bol06, For04, Gav06, RC09, RMAI06b, ZXWF08]. **Speciation-rate** [PC09a]. **specie** [BTCD07, HH06c, RRKF09, YD09]. **Species** [AP01, BH08, Dai02, FM02, For00a, HLH01, HS03, JSV02, KRN01, Krá01b, LS09, OKTS02, Ova02, Pel00, PPL+00, SD02, AWO+09, AJ05, Ari05, BLMV05a, BLMV05b, Bol06, BB02, CC06b, Chi07, CF09, CE05, CPR00, CGH01, CHR06, Dam04, Eng07, Fei08, GF09, Gos06, GEF09, GZK06, GT06b, Hui09, KS06, KDK02, KC05, KG06a, LJ06, LM08, MCM+09, MT06a, MT06b, ML08a, ML08b, PCB07, PDC04, PCS+06, PC09a, PM08, RDH09, RHM+08, Sav04, SSLB07, SSR04, TH05, TBCD06, VDV00, WLHB07, YHI07, ZZLT07, vdBvdB09]. **Species-area** [Eng07, PPL+00, LJ06, PC09a]. **Specific** [Fra00a, Kur08b, AMP06, BFGS07, CSB+09, Cha01b, GZK06, HAC+09, IvDHI08a, IvDHI08b, JAHKH09, LJK06, LPT05, MLMW01, Mei05, MJW00, PGLL07, Wil06b, vKdRP05]. **specification** [MKL09, RG06, Van06a]. **Specificity** [HI00b, FABdC04, KS08a, ZPP08, vdBWLS07]. **spectra** [BR04]. **spectral** [CKE06, HAC+09, OR04]. **Spectroscopy** [KSM02, KHE06]. **Spectrum** [MLMW01, WMP03]. **speech** [Loc08, Oud05]. **Speed** [BR01, BGF03, BG06, Dus06, KS06, LRT04, MM08a, RP09a]. **Speed-frequency** [BR01]. **speratus** [MKN02]. **Sperm** [BP00, BP03, Blu07, Dus02, HH06a, JE09, SS00, SDS04, YOYT07]. **Sperm-dependent** [JE09, SDS04]. **Spermatozoa** [BI09, Nir02]. **sphaerocarpa** [FLS+04]. **sphere** [Won05, ZSRB07]. **spherical** [LB06, Pic06, Wax06]. **spheroid** [KLN+09, PA09b, PA09c]. **spheroids** [VHF06]. **sphingolipid** [AVSHV04]. **Spider** [SMD00, VCBV+06]. **Spiders** [CIV09, FMH08]. **Spike** [OUPG09]. **Spiking** [ERM00, GTG01]. **spillover** [AWO+09]. **Spindle** [Yos03]. **spindles** [Kok04]. **spiral** [GG09, HED06]. **Spiralling** [SW04b]. **spiriferid** [SKY09]. **Splenectomy** [Her00]. **splicing** [CHdV06]. **Split** [Eld00]. **Splitting** [Péc05, BFGS07, JTGP06]. **Spongiform** [CPC+00]. **Spontaneous** [ERM00, Nar06b, PCA+09, SN04, LH08, LH09, MHKS03, NSI08, SWC+08]. **sporadic** [GWPW04, Wal07b]. **Sporulation** [RVMR01, MSS05]. **Spots**

[KWGE04, DMW08, SIK03]. **spp.** [AIK00]. **Spread** [BR02, For02, LT06, NL04, Tas02, ADHM09, AWO$^+$09, EL09, GLE$^+$09, GBB08, ITLN09, MCK07, Mat06, MP09a, MLPJ09]. **Spreading** [BW01, CTS06, DSS08, FDA$^+$09, KRR09, MY09]. **Spring** [GSB05, SPG06, BB07b, RSB09, SH08b]. **Spring-mass** [GSB05, BB07b]. **spring-mass-like** [SH08b]. **springtime** [TNTJ08]. **sprout** [ASMM08, BGB08]. **sprouting** [JTGP06]. **square** [PKS$^+$08]. **squid** [LRT04]. **squirmers** [IPY07]. **Src** [CLB05]. **St** [YM04]. **Stability** [AM04a, CC01b, CGH01, CHR06, DC09, GMSW04, JJ01, LLCM01, OST09, Rou03, Sch00, SR02, TT02, TT03, UB01, ZZLT07, AF09, BRC07, BP08, Che03a, CL09, CK08, CG03, CH07, DI09, DDJ06, EBM07, Fow09, GSB05, GEF04, Her09, Jäg08, KGD09, Kon06, KH09c, LR07, LV08, MB09, MGHF06, Mic05, MPN07, Nei04, ON08, OQGC07, Paw09a, ROR05, RSS04, RRKF09, Sac07, SB09b, Sel06, SLL06, TO06, UD07, Van06b, WL03, ZJ05, TT01]. **Stabilization** [DSVBW07, VGBA06, HS08]. **Stabilize** [HB01]. **stabilized** [HI04]. **Stabilizes** [FLS01, FMD01]. **Stabilizing** [FS04a, RKNK01]. **Stable** [Ant02, BS01, Lan00a, LBSS02, PDA$^+$00, YLL00, AM04a, AD07a, BSR06, LW04, ML09a, ML12, MH05, MP05, SAC$^+$04b, TYW05, Uit09, YYY$^+$08]. **stacked** [WYC06]. **Stage** [Rev00, iTYU06, BKKR08, Di 06b, FMHW08, JHJ$^+$09b, Kal07, Pin00, SX06, vKdRP05]. **Stage-dependent** [iTYU06]. **stage-specific** [vKdRP05]. **Stage-structured** [Rev00]. **staged** [SHRR06]. **Stages** [DEM$^+$00b, FDA$^+$09, KB04, PGF$^+$08]. **stalling** [ITT09]. **stand** [ZAdlPLM07]. **Standard** [NA02, GKXS07, ZF06]. **standing** [MM03a, PB03]. **standpoint** [SA05a]. **Staphylococcus** [ABP$^+$00, MPM07, PWVvR09, MWD08]. **star** [MGDBdM08, MMUGD09, PBMU$^+$09]. **star-graph** [PBMU$^+$09]. **Starting** [FP04a]. **STAT** [SYYI07]. **State** [BNT$^+$00, EMS02, NWP07, SML02, WP01, WH01, AKLS05, Bra05, CP03, DS04, GRBR04, GC09, IS03, JAV07, LIK$^+$05, LWC09, LCL07b, MKT$^+$00, MH06a, MK06, MLWL06, Mur00, OQGC07, PBHS05, RGRB04, SF04, SSR04, TO06, Tao04b, TH03a, TE04, TE05, TE07, WFGP04, WW07, XT06, YLM03, Zah00]. **State-Dependent** [EMS02, NWP07, SSR04]. **state-space** [WW07]. **States** [EP00, CSD04, MGAR07, Moc05, Net09, SAC$^+$04b, TK05, vAR09, Tho00]. **Static** [dSKL09, HM07]. **Statics** [LD00]. **stationarity** [FHL$^+$06, Nås01a]. **Stationary** [Gie03, Gie06, Ref04]. **Statistical** [AH03a, Bas01, BDMP$^+$08, DP08, DOT02, Ish00, LBQ$^+$05, RC00, RKL02, TL00, WMLC02, dSKL09, BC09a, CB08a, Cui07, KS08b, MGT$^+$06, SVS04]. **Statistical-Mechanical** [Ish00]. **Statistics** [GBB08, HR08, TFYY03, BSJ04, CKE06, LL05, Tao04b, Van06a, XT06]. **stature** [SS03]. **Status** [DLGC02, Dic08]. **status-based** [Dic08]. **Stay** [EKIL01, IFN07]. **Steady** [CSD04, CP03, EP00, Mur00, SML02, XT06, AKLS05, Bra05, IS03, MH06a, Moc05, Tao04b, TH03a, TE04, TE05, TE07, WFGP04, YLM03, BNT$^+$00]. **Steady-state**

[CP03, Mur00, XT06, AKLS05, Bra05, MH06a, Tao04b, WFGP04, BNT^{+}00]. **Steady-states** [CSD04]. **Steep** [BGP00]. **Steepness** [NM09]. **Stem** [FK01c, HVPN02, MLMW01, WW00, DBBW09, DBBW11, LWRK07, ØKRG04, OS03, QO08, RG06, Ros03, SRCDS08, Wod07]. **Stems** [Nik02, PBB03]. **Stents** [RMBM00]. **step** [BZ04, KSPA^{+}08, MM03a, NS05]. **Steps** [Orr03, Ros05, RA06, SYYI07]. **stepwise** [WRKK09]. **sterile** [TNTJ08]. **Sterility** [For00a]. **stichotrichous** [EPR07, PER03]. **Sticking** [WL02]. **sticky** [RSB09]. **sticky-spring** [RSB09]. **stiffness** [GMAH07, LW08a, Mil05, Pal08, TOB08]. **stimulated** [THL03]. **stimulating** [VGS^{+}05]. **Stimulation** [Has01a, KBT08]. **Stimuli** [CR02]. **stimulus** [AA04, Cyt04, KJ08, Rue07]. **stirring** [RB06]. **Stochastic** [CB05, CDB09, EN02, FPBM08, FSG00, FSGB^{+}02, GKXS07, GTG01, HS02b, HE08b, KOT07, Kom06, LHFH08, Lo07, LVV^{+}01, LP07c, Mal02, Man06, MNI06, MCN08, NSI08, PLB^{+}05, SSB^{+}07, SBPC05, SK01, SYSY02, SMPvdB08, TTR00, TSN05, TNP07, WT09b, XAP07, YNO09, YB07, YYI03, ZSS02, AH03b, AG06a, BM08, Bal04, CDFP04, DF09, Fen03, FL03, FCD^{+}05, Fuk04, GG07, GMY09, HHBY06, HRZ06, HSMM07, HC07a, HS07, IB06, JB06, KR07, KRB05b, LL05, LVL08a, LVL08b, LCL07a, LCL07b, LL09, MO07, MTS05, MPM07, MJ07a, ØØS06, OUPG09, PB09, PHL08, RRK06, RDYH09, RDF03, RBP^{+}09, SD06b, Sim08, Tan08, TZS07, TS08, TBB^{+}06, WOLS07, YB05, ZRSK07]. **stochastic-dynamic** [IB06]. **stochastically** [HP04]. **Stochasticity** [HBLG02, Lei09, Lei10, BB07a, EW09, HLA09, LPMC^{+}06, SCS04a, Ste04]. **Stoichiometric** [CBH02, MNMH^{+}08, MJW00, FP03, Gro04, IS03, NS09b]. **Stoichiometry** [AGT^{+}01, Gro02, BKD^{+}06, MK09]. **stoichiometry-related** [MK09]. **stomatal** [KRNG08, Kor09]. **Stone** [Bak07]. **stony** [Mig06]. **Stopover** [ELB02, WH00]. **stopping** [FP04a]. **Storage** [SE02b, SI02, FS04b]. **store** [Alp05]. **straight** [SI05]. **straight-striped** [SI05]. **straightness** [Ben04b]. **strain** [AB07a, CKM05, CW08a, CWDM06, Eam06]. **Strains** [GS00, RSBY03, RGG00, ABP^{+}00, BB03, HM05, TYW05, ZSF^{+}07]. **Strand** [ZSZ01, LAG07, MX08, PCH^{+}05, Wal07b, YDL06a]. **Stranded** [VO00, CMB^{+}01, For07a]. **strandings** [SPVN06]. **strands** [MX08, ZXWF08]. **Strategic** [AR05, NS03b]. **Strategies** [BS01, Dus01, ELB02, HP00b, ILDP04, KF03, KK00c, LP01, LBSS02, Nei01, PGM00, SD02, SCH02c, AM04a, ADHM09, ATO^{+}09, CEA07, CXM^{+}09, CC09b, EAC^{+}06, FYX^{+}09, FR06, FBM06, HGC03, HH04c, HH05b, Kom07, LTI08, LS07, LW04, MAC06, MWB05, Oht04, PBC09a, PLH05, RWCK08, STMH04, TY06, TAN09, Ten08, TBB^{+}06, VHF08, WR07a, WVA05a]. **Strategy** [ANT09, HS02a, HS00b, HYA02, MM00b, PDA^{+}00, SI02, TOA^{+}09, YLL00, AD07a, BL08, BRS^{+}09, CH05a, CLS08, CSS06, CC09b, HDZ^{+}07, HA09, IS09, Joh08, JITJ09, LYZ08, LPT05, MT06a, MT06b, RBW09, RGZ09, VCBV^{+}06, Yan05, Yan06, YHI07, ZT08]. **Stratified** [PKL02]. **Stratonovich** [Bra07]. **Streak** [PMMS01, BS05c]. **Strength** [Di 00a, Tay00,

AGW^{+}06, AGW^{+}08, FHD09, Her09, KJJ07, RvMK^{+}05, Wes08]. **Streptococcus** [MCB07]. **Streptozotocin** [CCP^{+}00]. **Stress** [Bar01, GMAH07, HdGH07, RMBM00, SKN^{+}03, SK01, TT04, AJ08, CSON^{+}05, HG08, KF04, KH09a, MCMS06, RKH08, SB09c, WL03]. **Stress-induced** [Bar01, RMBM00]. **Stress-modulated** [HdGH07]. **Stresses** [Dor03b]. **Stretch** [FTEG02, KH09a, NMH07, SHPDL03]. **stretch-induced** [KH09a]. **stretched** [CL05]. **stretching** [LDW04]. **striatal** [SM09a]. **striated** [Nos06]. **strict** [ND09]. **strict-and-severe** [ND09]. **Strikes** [MD01]. **Striking** [CD02, HH07]. **String** [RPB03]. **Strings** [CD00, LW08b]. **striped** [SI05]. **Stripes** [Kor07, SIMK02, SIK03, KWGE04]. **stroke** [DBG06]. **Strong** [FZ04, Gin00b, CE05, MBJ09, NPN09, RBJ06]. **strongest** [BH04]. **Strongly** [AS00]. **Structural** [BWvK^{+}08, CLXC03, CLO^{+}02, FFTS09, FLS^{+}04, Kal00, LR07, LL01a, Mil05, MFB01, NSH^{+}03, SHP09, Tas02, APS08, BdBH09, CFLC06, CTZ^{+}06, CCZC08, Dru03, ELJ06, JAJH07, JAA^{+}07, JAJA07, JHJ09a, LZ09a, MBP07, PPRI08, SBM08, Tas05, Twa04, VGBA06, WBSY06, XWC08, Yag09, YPY^{+}09, ZDC08]. **Structural-Functional** [Kal00]. **Structurally** [Lan00a]. **Structure** [AH03a, AGCLMM03, BKE03, DSY01a, DSY01b, DHM01, FM02, GBLV03, GVK00, GZG06, Ish00, Kru02, LMT02, Moc08, Noe00, NJVA04, PPEøP02, SHF02, Tur02, Wax09, AJOK09, AB07a, ASD08, AKLS05, AP04, BMH07, BLMV05b, BdBH09, Bie06, BKE04, BKKR08, CSA07, CLMMP06, Che03a, DLF^{+}07, DMQ04, GBD06, GZG07, HDZ^{+}07, HMN09, Hol06, Izs05, JAV07, KJJ07, Ker04, Ker06, Kon06, KP08, KSR07, LFC04, LMVPM07, MGAR07, Mar04, MWCS04, MPD^{+}07, MGC04, MBRRI08, PAA07, Paw09a, PB09, Rak04, RG05, RMAI06b, SGS^{+}05, SAC^{+}04b, SFVA09, SM03, SX06, SMPvdB08, ST05, UM08, VS08, VN08, WKB07, WW07, YCC^{+}06, ZFVH05, ZAdlPLM07]. **Structured** [BR02, CL00, HS00a, KKK00, PL01, AHCN07, AP04, AROS07, DLB07, ELSFB07, FLG^{+}09, HM07, KBD06, Lio09, LYZ08, LLW09, OSK^{+}05, RNP04, RMP08, Rev00, SW09, SM09b, TL02, TOA^{+}09, TDW07, Vaz07, XBGN05, XFAS06, vKPdR07]. **Structures** [DOT02, PBT02, ZMQX01, CXZ^{+}09, DW08a, DGS09, HR08, JR08, MCK07, RRKF09, SB07, WZ08, Yun05]. **Structuring** [Di 05]. **Student** [LLCM01]. **Studied** [Di 01b, Laz03, BS05c]. **Studies** [CBH02, DGZ07, Jam01c, WQ00, AAK^{+}09, GZG07, MPOBD^{+}09, MGT^{+}06, WCLL08, WCH^{+}09]. **Study** [AS00, AM01, BPV01, BP01, CSM02, ELB02, GBD00, GLV02, GP00, GP01, IST01, KSM02, KmMK04, KMI02, MW01, NTK02, NA02, OSCK01, RB02c, TH03a, VLFN00, Wan00, YFKP03, öWO01, AHT^{+}07, AO05, BRC07, BL08, BM06, BG08, BBSLN06, DB08, DSA^{+}06, FDA^{+}09, FHL^{+}06, GABK08, Gie03, GXG03, GBGAKD05, HKC^{+}07, HJ07, Izs05, JA05, JR06, JK04, Ker04, Ker06, KG03, KMW03, LCL03, LIK^{+}05, LR07, LS08b, LB06, MS03a, MRJR09, Moc05, PDB08, PD06, PBB03, PLG^{+}06, Saf09, SHPDL03, SWI07, SBZ^{+}08, SV03, SM09a, TPP^{+}04, TNTJ08, Usa06, VCBV^{+}06, WW08, ZZW07]. **Studying** [WPE03, ZRSK07, SWN07]. **Stx** [EBM07]. **Sub** [Bur09, XWD^{+}01, CSM05, MBH03]. **sub-individual-based** [CSM05].

Sub-molecular [XWD$^+$01]. **Sub-optimal** [Bur09]. **sub-Saharan** [MBH03]. **Subacute** [CPC$^+$00]. **Subcellular** [Kut03, CL07a, CL07b, UW09, ZLLZ09]. **SubChlo** [DCL09]. **subchloroplast** [DCL09]. **subcutaneous** [CTB09]. **Subdivided** [WZL00, TH03b]. **subfamily** [ZCLZ07]. **subgraph** [ELJ06]. **subgroup** [SJ09]. **Subject** [Ano03-44, Ano03-45, Ano03-46, Ano04-61, Ano04-62, Ano04-57, Ano04-58, Ano04-59, Ano04-60, Ano05-57, Ano05-58, Ano05-59, Ano05-60, Ano05-61, Ano05-62, Ano06-55, Ano06-56, Ano06-57, Ano06-58, Ano06-59, Ano06-60, Ano07-55, Ano07-56, Ano07-57, Ano07-58, Ano07-59, Ano07-60, Ano08-52, Ano08-53, Ano08-54, Ano08-55, HH04b, MT06a, MT06b, MW09, SP06]. **Subjected** [RKNK01, NMH07]. **subjective** [Hur06]. **subjectivity** [TM06]. **submission** [MH06b]. **submitochondria** [hZzGqX$^+$09]. **suboptimal** [GWM04, LS08a]. **Subpopulation** [KTCD00]. **Subpopulations** [PL01]. **subsets** [FT09b]. **subspaces** [KP08]. **Substance** [KB02]. **substitutable** [RNP04]. **Substitutes** [SP02]. **substitution** [BW06, GKTN07, GMY09, MX08, MWCS04, WTL08, WW08]. **substitutions** [JS07]. **Substrate** [ADMZ02, MVM$^+$00, RGG00, VGCGM$^+$02, Wan00, Bat09, GPN05, Nar06a, SRG$^+$03, TE07, YLCW06]. **Substrates** [CCGC02, Ril00, BS05b, RNP04, TOB08]. **substructures** [KSS07]. **subthreshold** [SM09a]. **subtilis** [MBP07]. **subtle** [MWCS04]. **Success** [Dus00, Dus02, BCV$^+$08, CM03, LSH06, PDM04, RB09a]. **Successful** [MGP00]. **succession** [YNO09]. **Successional** [AP01]. **such** [Di 01b]. **Suckling** [DSK02]. **Sudden** [HLW00]. **Sudden-death** [HLW00]. **Sufficient** [CSP$^+$08, CSP$^+$09]. **Sugar** [DLGC02, Che07, LN03]. **suggest** [BBB$^+$07, OW07]. **suggested** [Nos06]. **Suggests** [LN02]. **Suicide** [VGCGM$^+$02]. **sulfate** [FWCN05]. **sum** [EAM07, HE08a]. **summation** [Agu08, PWK03]. **Summer** [Ano01h]. **sunset** [HHH06]. **superba** [GMMR07]. **Supercritical** [MAL03]. **superfamily** [MBBR06]. **superoxide** [GMFS06, KLK06]. **superparasitism** [HGC03]. **Supersaturation** [HHR01]. **superspreading** [GR08a]. **Superstability** [BB07a]. **supertree** [DMW08]. **Suppes** [MK01]. **Supplementation** [SFS$^+$01]. **Supply** [GBG01, RH08, TKM06]. **supply-demand** [RH08]. **Support** [CLXC03, DML02, DRLB05, Jam07, Nas01b, AS09, dCZJ$^+$04, CTZ$^+$06, JSA$^+$07, MRC09, MBBR06, ØKRG04, QLHL09, RBS05, Tan07a, YCC$^+$06, ZLLZ09, ZCLZ07]. **supported** [FHD09]. **supporting** [BBSLN08]. **suppressed** [Mas08]. **suppresses** [Mas09]. **Suppression** [LPLC00, CBR04, KRR09, LLC03, NKL06, SI09]. **suppressor** [IMKN05, KSN03, MI06]. **suprachiasmatic** [KA03b]. **Surface** [Bar01, Cum01, TM00, AW06, CMG06, FWLN04, Kal07, LCHK09, LMF08, Lew05, MD04, MGAD09a, MGAD09b, SPN06, WM04]. **surfaces** [Won05]. **surgery** [KSO06]. **Surname** [MZ02]. **Surnames** [SGS$^+$05]. **Surprises** [BGG06]. **surprising** [Sta08]. **surrounding** [LF08, TN04]. **Survivability** [SL00]. **Survival** [Eic01, JL01, Ker00, LVV$^+$01, MH09b, SS01, HF03a, Joh08, KJJB07, Mil08, SES08, WVA05a]. **survival-of-the-flattest** [SES08].

surviving [Lin04, ML09a, ML12]. **survivorship** [MGHF06]. **susceptibility** [MGT$^+$06, RMRG09, RGFP07, ZTKH09]. **susceptible** [MSDM06]. **susceptible-infected** [MSDM06]. **Suspended** [Mcn00, MN01]. **Suspension** [COS01, IPY07]. **Suspension-Feeding** [COS01]. **sustain** [WG03]. **Sustainability** [PM09, Eng07]. **Sustainable** [SD06a, SD06b, BDR08]. **Sustained** [BGP00, KR05, KGG07, KF04, KA03b, OCA08]. **sustaining** [HS04, MS05b]. **SVIR** [LTI08]. **SVM** [APS08, CRJC04]. **swallowtail** [OST09]. **Swans** [PE00]. **Swarm** [FSGB$^+$02]. **Swarming** [SD02]. **swarms** [YKiP$^+$09]. **Swimming** [Arm01, BG08, Dus06, Usa06, Ver04]. **swirling** [Zhu09]. **Switch** [CA00, MVM$^+$00, DHYHR09, LM09, OM08, RDYH09, SM09a]. **Switches** [KCA03, BH03a, CD05, MWS09, Thi04]. **Switching** [Fur02, MD01, øPVO02, CB07a, RGZ09, SSF09, TB04]. **Switzerland** [CAHH06]. **symbiont** [SH03]. **symbionts** [MKE$^+$09]. **symbiosis** [Ezo09]. **Symbiotic** [PBT02, MKE$^+$09]. **Symmetric** [KRNKH00, NA03, YY06, YM05a, ZWT$^+$08]. **Symmetries** [JS07]. **Symmetry** [Di 00c, Nas01b, Ber07, Cro00, OPN07, TIN06]. **Sympathetic** [HFGB02, KFG$^+$02, BFGB04, BFG05]. **sympatric** [Bol06, Gav06, RC09, Wak04]. **symplast** [MM03a, Pic06]. **synapses** [SGTF07]. **Synaptic** [Car02a, FLBB01, BFG08b, BFG08a, BFG09, FL03, MZK08, MS07b, PD06, SGTF07]. **synaptotropic** [Nie06]. **Synchronization** [BGO08, HBLG02, LN05b, CSP$^+$08, CSP$^+$09, DS00b, GBZ06, Hen04, HSMM07]. **Synchronized** [SI00, UHI02, Fen03]. **Synchronous** [GCYH01]. **Synchrony** [Kov02, YALT00, BEK$^+$03, FS06, MJ07b]. **syndrome** [CBB07]. **synergists** [BR08]. **Synergy** [HMND06, KDKS06]. **synonymous** [KOK06, Plu06, SWB06]. **Synthase** [BNT$^+$00, NM06]. **Synthesis** [AøP03, ANL01, HA00, Di 04, Jam08b, JEHK06, LFF06, LZGL03, MCMS06, SZ09]. **synthetase** [dFG08]. **Synthetases** [CDF00, KS04]. **Synthetic** [Tas02, CSW$^+$08, GGK05, Kam03]. **syntrophic** [KNT$^+$09, MKE$^+$09]. **System** [ADMZ02, Ano01b, Ano02a, ACK00, BE03, CLZZ02, CVH03, DFC$^+$02, FK01c, Kal00, KY02, Kra01a, Leh00, MV02a, MV02b, MV02c, OKTS02, Rec02, ST01, TMS00, AMC$^+$09, BRC07, Buc04, CLB05, CB07a, CRR08, CBF05, CD07, FMI05, GMK06, HK09, KLL07a, KA03a, LRD04, LKM06, LT08, MS07a, MDCC06, MD06, MC06, MCB07, MPL06b, PDM04, PDPL05, PCZL05, PCZL06, PR08, RW08, SH03, SYYI07, Sil09, SCS04b, SPE08, Tan07a, Tan07c, TG09a, VWR07, VGBA06, WTSN06, ZJ05, vAR09, vAGDR09]. **System-theoretical** [Kal00]. **Systematic** [FGH01, JPJ06, LP08, GABK08, PD04]. **systematically** [NA03]. **Systemic** [FP03, SLP00, Răd09]. **Systems** [Alb02, Cha01a, CMW02, FC01, GVK00, Jaz01, KT01, Kru02, LBF01, Mal00, Man01, MKLD02, Nak01, Nak03, PPR01, RC00, SCH02c, SPH03, TGP$^+$00, VW00, AC04, BGF07, BTL08, CCC08, CV08, CG03, DFSD05, EL09, FCP03, GV03, GMMGD$^+$08, GGH$^+$05, GN07, GCS07, GST08, HS04, Hor08, KM08,

KBD06, KH08, LMM03, LSAA$^+$06, LP08, LFFT06, MB09, MHRK08, MvdO06, MPD$^+$07, MPN07, Pal08, PSPF07, QHF$^+$07, RG03, RS04, RF04b, RRR$^+$08, RSS04, Sac04a, Saf09, SV05, SD06a, SD06b, SHI05, SHI06b, SIK03, SI05, SA08a, SH07, TK05, TG09b, WSS07, Wil08a, WH07]. **Szathmary** [LL01b].

T [CLHW07, SRAL12, TG04, ACSY04, AWJ02, AB00, AB03, BdOP06, CSR$^+$05, CCP$^+$00, CDFP04, DdB03, FFD$^+$02, JAFW05, KSEK09, Koh07, Lan00a, LPLC00, LLC03, LGCL07, LHFH08, LVV$^+$01, MH07, ML04, Noe00, PD01, RWP$^+$08, SI09, SF04, SB05, SBPC05, SMPvdB08, VRB01, WSC02, WS02b, WJ01, YBV$^+$00, YCS04, vdBR04a, vdBWLS07, vLHH06]. **T-bet** [YCS04]. **T-cell** [AB00, AB03, FFD$^+$02, Lan00a, LLC03]. **T-cell-Mediated** [LPLC00]. **T-cells** [SB05]. **T-tube** [CCP$^+$00]. **T.** [ISC01]. **T4** [RFH$^+$02]. **tactics** [AKdlPP06]. **tag** [Tan07a]. **Tail** [BG00b, Sac07]. **Tailoring** [Gar02]. **Taken** [Orr03, Jam08b, Ros05]. **tale** [PB03]. **tales** [Van06a]. **talking** [KYS06]. **Talks** [Ano09a]. **tall** [Den08, Kan05]. **Tallgrass** [BR00, GS02a]. **Tamoxifen** [TSC04]. **Tandem** [DBHS00, MKN02]. **Tangled** [CDHJ02]. **tango** [LHDvdM04]. **Tape** [SSA00]. **Tapered** [CCP$^+$00]. **Target** [Kut03, MLMW01, GABK08, MMUGD09, PWZ09, WL09]. **targeting** [MAC06]. **Targets** [WSC02]. **Task** [CC01c, DS00b, PG01a, TBS$^+$02, Wah02, JAHKH09]. **task-specific** [JAHKH09]. **Taste** [Mau02]. **tat** [IFN07, RON09]. **Tautologous** [Di 01b]. **taxa** [FT09b]. **Taxon** [OLS$^+$02]. **TCA** [NHTM09]. **Teat** [DSK02]. **Tech** [Ano01-33]. **Technique** [FGH01, GKNT09]. **techniques** [RDF03]. **Telencephalic** [DOT02]. **Teleost** [KMGV00]. **telescoping** [SH08b]. **Telomerase** [SHHD02, CY08]. **telomerase-dimer** [CY08]. **Telomere** [SK01, Ark05, GKB03, SGD04]. **telomeres** [DSVBW07]. **telomeric** [JM07]. **Telomes** [KRNKH00]. **Temperature** [ADMZ02, HRBL02, KI05b, LJW02, SRR08, Wel00a, WB06, GMK06, GB07, IB06, LMF03, LW07, MS03b, ROR05, RCS05, SZ09, THKU07, TPN07, TNP07]. **temperature-compensated** [THKU07]. **temperatures** [JAA$^+$07, JAJA07]. **Template** [ANL01, PER03]. **Template-directed** [ANL01]. **Template-guided** [PER03]. **Templates** [CB00, Möl01, Yag09]. **Temporal** [BKCR01, BHOR01, Kut05, WRF01, BGF07, BCRG04, FM04, Jac03, KUK07, Lie05, MGP$^+$08, MI08a, MI08b, PCS$^+$06, SGTF07, SCH02c, SWC$^+$08]. **temporally** [NS09a]. **Tendency** [SS01]. **Tending** [ORM03b]. **tendinous** [BL08]. **tendon** [LW08a]. **Tensegrity** [CLO$^+$02]. **Tensile** [KG02, ZCC01]. **Tension** [HVPN02, NB02]. **tensor** [Pie09b]. **Term** [HFH03, Ova02, AF09, BRC$^+$03, DI09, DHM01, DMQ04, For09, MZK08, Smi08d, UB01, vdBvdB09]. **terminal** [SV03]. **termination** [Bah07, Hau07, SWC$^+$08]. **Termite** [ORM03a, LB05, LBS06]. **Termites** [HYA02, MKN02, CSS06, LS08b]. **terms** [LSAA$^+$06]. **Ternary** [BNT$^+$00]. **terrestrial** [CM09, KSG03, MGC04]. **Territoriality** [LM01b]. **Territory** [BCV00, LS08b]. **tessellation** [BEF$^+$06]. **Test** [Gin00a, PDA$^+$00, RKL02, CSB$^+$09, PKS$^+$08, Zam03]. **Testing**

[FHL^{+}06, Kai04, Mad00, PHP03, SS02, Cui07, KYZ^{+}08, SSM09].
testosterone [Gra07]. **Tests** [Di 03b, Hol06]. **TGF** [NS09b, TSC04]. **TGF-** [NS09b]. **th** [Ait08]. **Th1** [YCS04]. **Th2** [YCS04]. **thalamic** [OR05].
thalamocortical [CRR08, RR08, vAR09, vAGDR09]. **thalamus** [WR07b].
thalassemic [PBZ08]. **Thaliana** [MAB00, LMT05, Mei05]. **Their** [AGCLMM03, AWJ02, Kal00, AAL08, APL08, BP00, BIS^{+}07, BSJ04, CMB^{+}01, DLM08, Dru03, ES00, FDG02, HED06, HDW^{+}09, Jam09b, JE09, KCS^{+}06, Kok04, LS03, LTW06, MB09, MB06, MH05, MRA06, MNL^{+}07, NA03, PPRI08, PBB03, RAZ03, SLP00, WBH04, Wil08b, YAL04]. **them** [BR04, DBBW09, DBBW11]. **Theophil** [NDE06]. **Theor** [AGW^{+}08, AMD06, BZ05a, BBM04, BKE04, CSP^{+}09, DBBW11, EPJ^{+}11, FK03a, Gie06, GWM06, HTN04a, IvDHI08a, JCRJ07b, KCP09, Ker06, LH09, LGK^{+}12, Lei10, LVL08a, LW04, ML07a, ML12, MT06a, ML08b, MI08a, NI07a, NI04a, Paw09b, PCZL06, PA09b, RH09a, RMAI09, SHI06b, SI04c, SRAL12, SML08, TK09a, TQUN08, VGMM^{+}07a, VGMM^{+}08, TRM03a, TRM03b].
Theorem [YL00, Agu08, OP05, TG09b]. **theorems** [JR08]. **Theoretic** [CDDW02, BLRR08, DCL09, HB09, MSWH00, MGS09, RKF06].
Theoretical [Ano05h, AO05, BLZ07a, BSRH03, CPC^{+}00, CTS^{+}08, Fer09b, FGH01, GBD00, HS01, HH05b, LP00, LS07, MW01, MM03a, Nie06, Nie02, OI05, PBZ06, Paw07b, PBZ08, Paw09b, PH03, QASL08, SN06, SW08c, SP01, TT03, TOB08, Usa06, WH01, Arc07a, BM06, Bla04, BGF03, CSD04, CW08b, EHG03, GBD06, Hur06, JJEX09, Kal00, KH09b, LIK^{+}05, NMH07, NM06, Ots08, RKOS09, RAHO06, SWI07, Smi08d, THL03, Win06, WCLL08, MGAD09b].
Theories [PDA^{+}00, Arc07b]. **Theory** [AH00, AP01, Bea00, Cha01b, CV08, ETTV08, FK01c, GG01a, Gin00a, GAK^{+}06, HFY07, IST01, ISWT02, JL00, KK00a, PN00, RC00, Roy00, SLP00, WS03a, WP01, XFBC07, AK09, AW06, Apa09, BLL08, BdSFFDMC09, BHWB05, BD08a, CGK^{+}05, EH08, EAM07, FCP03, FZ07, Gam06, Gol08, GNH^{+}05, HE08a, HH04b, HC07b, Jäc07, KV05, KOT07, KV04, LN03, LN05a, Lan03, LZGL03, Luc05, MDD06, MH06b, MPN^{+}05, MV07, Muz05, OPN07, PT09, Pep04a, Pep04b, PA09a, QO08, RG03, Rob03, Rot07, SA05a, Sev06, SD06a, SD06b, SHI05, SHI06b, SM09b, TH06].
therapeutic [MAC06, RSC^{+}06, VHF08]. **Therapy** [PJ01, Wod01, DP04, FBM06, GSRC^{+}06, IZGG05, KT07, Ort06, PPD09, Smi08d, WBH04, ZT06, ZW07, dVG04, dVG06]. **There** [LBSS02, GKM^{+}00, GCC08, LW04]. **Thermal** [HD08, JLS01, Wel02, Bak07, Bat06, MGS08, NM09]. **Thermodynamic** [BBCQ04, LN03, LLCM01, Mic05, Pro03, Puj02, BS05b, GMK06, KRB05a, MB09, MB07, NGTB06].
thermodynamic-hemodynamic-pharmacokinetic [GMK06].
Thermodynamical [AH03b, BHHS01]. **Thermodynamics** [Alb02, Dem00a, Dem02, Smi08a, Smi08b, Smi08c, Kat03, LN05a].
Thermophile [Di 03b]. **Thermophilic** [Di 00b]. **Thermoregulating**

[SB00]. **Thermoregulation** [SM01]. **thermostable** [VRAF06]. **thermotactic** [MGS08]. **thermotaxis** [NM09]. **Thiol** [FW00]. **Thiol-disulfide** [FW00]. **Third** [LN02, BP08, OBN07, Tak06, Ano01-33]. **Thoma** [BCRG04]. **thorn** [LY03a]. **Thorns** [LY01, LY03a]. **thorny** [LY03b]. **Threat** [Szá03]. **Three** [DOT02, GBG01, KTH+00, PAH06, PAD00, SA07c, Van06a, WLFC08, BGE05a, BGE05b, Bye09, GKTN07, HTN04a, HTN04b, PDPL05, RR09, Sne03, TGV+07, UCSZ07, ZAD07]. **Three-Dimensional** [GBG01, KTH+00, WLFC08, HTN04a, HTN04b, TGV+07, UCSZ07, ZAD07]. **three-layer** [BGE05b]. **three-level** [PDPL05]. **Three-person** [SA07c]. **Threshold** [OSBH02, BHC06, BB05, GWM05, GWM06, LL05, MLPJ09, Thi04, vdBR04a]. **Thresholds** [RPNH03, BdOP06, CSS08, FLG+07, IMNT09, SSDM06]. **Thrifty** [Wel03]. **Thrombin** [MJW00]. **thrombocytopenia** [AM08]. **Thrombocytopenic** [Her00]. **Throughput** [WKL01, AC04]. **Throwing** [CC01c]. **Thrush** [DPV00]. **thumb** [HH04c, HH05b]. **thylakoids** [BRC+03]. **Thymine** [MS01a, NTK02]. **thymus** [CLHW07]. **thyroid** [Leo07]. **thyrotropin** [Leo07]. **thyrotropin-thyroid** [Leo07]. **tick** [OBPH+08, RPNH03]. **tick-borne** [RPNH03]. **Tiling** [ETTV08, Twa04, TH06]. **TIM** [XK07]. **TIM-mediated** [RCS05]. **Time** [ES00, GF02, HI00a, LJW02, PG01a, SZ01, YM05a, YM05b, ZCC01, AM04a, AFD+06, BPC08, CY07, ELL04, GSRC+06, GK04, GXG03, HCM+07, HRSV06, HSF09, IPY07, Jam08b, KCV05, KRGH07, LKM06, Maz08, Mcn00, PWK03, Ref04, RSH+06, RSG09, SV05, SG06, VCBV+06, WE06, Wan06, XM09, YCC02, YM04, YD09]. **time-delayed** [RSG09]. **Time-dependent** [YM05a, YM05b, BPC08, SV05]. **time-fractional** [HCM+07]. **time-series** [AFD+06, GXG03]. **time-varying** [KCV05, PWK03]. **Timely** [FYX+09]. **Times** [EMS02, TRM03c, BGK09, DBBW09, DBBW11, GBB08, HEH+09, LCL07a, Ste04, TIN06, TRM03a, TRM03b, WVA05a]. **Timing** [CC01c, FB01, VP01, Ale09, RWCK08, SE07]. **tiny** [YOYT07]. **tip** [BGB08, KP06, TKM06]. **tips** [CKS04, SM06a]. **Tissue** [BSWM00, DNS00, FMP01, HHR01, KRNKH00, Laz03, MLMW01, PGLG01, TMI03a, WGH01, Wil06b, Agi04, Buc04, BOCF08, CPM+09, Che06b, CE08, DBBW09, DBBW11, GC08, IZGG05, KC03, KSK08, KHE06, PC04, Rot04, SWC+08, SJD+09, SS05b, WBD+09, ZTKH09]. **tissue-engineering** [WBD+09]. **Tissue-specific** [MLMW01, Wil06b]. **Tissues** [ZM03, BDMR06, GMAH07, Lap03, MGL05]. **Tit** [IFN07, RON09]. **Tit-for-tat** [IFN07, RON09]. **Titin** [RSB09]. **Titin-induced** [RSB09]. **Titration** [MJW00]. **TN** [YSW09]. **TNF** [RWCK08]. **together** [Dal06]. **toggle** [DHYHR09]. **Tolerance** [ITM+07, LLC03, MWB05, HBS07, Pep04a, Pep04b, ZAdlPLM07, ZCD05]. **tolerance-stand** [ZAdlPLM07]. **tomography** [BKM09, MKB03]. **Too** [MC01, LD09a]. **took** [AD07b, Di 05]. **Tool** [DVL+00, OP05]. **tools** [BdSFFDMC09]. **tooth** [Osb08]. **top** [PT09]. **top-down** [PT09]. **Topic** [Ghi02]. **Topological**

[KS01b, LY00, PP04, SMG^{+}03, WS03a, LS09, LZ09a, MGAR07, MLWL06, MGDM08, MGDBdM08, MMUGD09, PBMU^{+}09, SPAH06, YZHZ09]. **Topology** [Gru00, MY01, RWF01, SSB06, SSWF01, WRF01, AO03a, Amz04, CS06, GS06, GMdA^{+}07, JAV07, Kee04, MCF04]. **TOPS** [LW08b]. **Tortuosity** [GP00, Ben04b, TTN05, ZFVH05]. **Total** [GLK^{+}02, TE04]. **tournaments** [LS09]. **toxic** [BdSFFDMC09]. **Toxicity** [EM00, Bar05, CPG09, KLL08]. **Toxin** [CSM02, Cog07]. **Toxin-producing** [CSM02]. **toxins** [KJD05, MGL^{+}06b, SCS07]. **Toxoplasma** [KCP07, KCP09]. **Trabecular** [FK01b, FK03a, FH07, SB07]. **Trace** [Wal00]. **Tracheid** [AF02b]. **Tracheid-level** [AF02b]. **trachomatis** [WM04]. **track** [GNLEK07]. **Tracking** [FL09, VWR07, Cin06]. **Tract** [Kan01]. **Traction** [HS00c, HQP^{+}09, NOT04, YLCW06]. **Tracts** [LJW02, AAL08]. **Trade** [BH01, FS06, Ger09, PG01a, RGFP07, ALM09, BHWB05, HBWB08, KSB07, SH04, SH05, SA05a]. **Trade-off** [Ger09, PG01a, ALM09, BHWB05, HBWB08, KSB07, SH04, SH05, SA05a]. **Trade-offs** [BH01, RGFP07]. **trading** [CH07]. **Traffic** [LSD^{+}00, JSCN04]. **trafficking** [PW09b, Pic06]. **Trail** [KW00c, JR06]. **trails** [JSCN04, VTG^{+}06]. **training** [SdAC^{+}08]. **Trait** [KW00b, Pep00, CHR06, Cui07, CY09, HL05, LT09, LKW06, MM08a, SWN07]. **Traits** [CS02, DBG01, DPA03, TH00, AF09, Chu08, DHP06, DPA05, Jam04, Men07, MK09, MN07a]. **trajectorial** [SB07]. **trajectorie** [SB07]. **Trajectories** [BZ00, PE00, IS03, ILDP04, LDW09, UCSZ07]. **trajectory** [TIN07]. **tramadol** [DFP^{+}08]. **trans** [RM04]. **trans-membrane** [RM04]. **transcellular** [Gie06]. **Transcription** [KMP03, YYA09, Bah07, CZM09, IYGA08, PE04, RRK06, RG06, SZ04, Tan08, WOLS07, YMLK04]. **transcription-translation** [IYGA08]. **Transcriptional** [Fli05, LPMC^{+}06, TIM06, CXZ^{+}09, HJ05, LR07, SCS04a, vLBJK07]. **transducer** [THL03]. **Transduction** [KPS02, RWF01, SPC02, SNT03, WRF01, AFD^{+}06, Bak04, FB08, HVY^{+}07, HDNC04, MS03a, MCB07, NS05, NS09b, RM04, SYYI07, SPB06, SSB06, SM06b]. **Transfer** [FW01, Kan01, Kun00, MS01a, PDIS00, See00, Wil02, Alp05, DFW^{+}07, GMAH07, GHHR03, HKP07, KZ05, SFC^{+}09]. **transfers** [BS05b]. **Transform** [DVL^{+}00, QLHL09, ZLXY08]. **transformation** [KE09, PBZ06, PBZ08, SBGA04, Won05]. **transformations** [Pac09]. **transforming** [BKM09]. **Transgenic** [JL00, PGM00, LSMB^{+}03, Mar09b, MMV^{+}04, PGH^{+}04]. **Transglutaminase** [LGB02]. **Transient** [Kar03, WMS08a, CSON^{+}05, DSS08]. **transients** [LJ09b]. **Transition** [ACK00, DEM^{+}00b, LCL07b, MKT^{+}00, WP01, YN02, AO03b, CML08, CCV08, CLW^{+}08, DVC^{+}04, DB08, RBS05, Tlu07, WB06, Xie09, vdGMG^{+}09]. **Transition-state** [MKT^{+}00]. **Transitions** [TN01, Amz04, BL06b, CF09, DC09, JL06, SS06a, Wit03, ZZLT07]. **transitive** [NS03a]. **Translation** [BG00b, KJ02, Leh02, Nas01b, BB06b, GW06, Hau07, IYGA08, NN07, Tay06].

Translation/Replication [Leh02]. **Translational** [BG00b, Hau07, JPJ06, TG09b]. **Translocation** [AGCLMM03, BJD$^+$02, DO00]. **Transmembrane** [TM00]. **Transmissible** [CPC$^+$00]. **Transmission** [ACCC00, Car02a, CAHH06, HS00a, HB01, HLS01, NC02, AAEW09, AM09, BFG09, CHN08, Ded09, Fer09a, JMvdB09, KSY$^+$08, KGL09, MPM07, O'K05, PRT04, RPNH03, SH03, Sch03, TBB$^+$06, TBC$^+$08, XFBC07, Yam03]. **transmitted** [GOP09, JWB07, OBPH$^+$08]. **Transmitter** [HFGB02]. **transmural** [ZTKH09]. **Transpiration** [KRNKH00]. **transplant** [ØKRG04]. **transplantation** [DKLL05]. **Transport** [AGT$^+$01, DD02, GP00, GP01, GvO04, Hop02, Mcn00, MN01, NB02, RB02a, SP02, TH03a, TGP$^+$00, WPE03, Ban06, BTS08, CBF05, CTS06, FPM$^+$06, FWE06, GSNH08, HMN09, JTGP06, KRB05a, LT06, McN06, MS05a, MS06a, MS07b, MS08c, ML09b, PAH06, SSJ09, SCNP$^+$06, SRG$^+$03, Sin06, TKN07, Tho05, WC07a]. **transport-related** [CTS06, LT06, WC07a]. **Transporters** [Hop02, RBBH02, DB05, Pán08]. **transporting** [NM08]. **Transposable** [QA01]. **transposition** [Cud05]. **transpositions** [Kun05]. **Transsexuals** [GK00]. **transverse** [CMG06]. **trauma** [Che06b]. **Traveling** [LACL03, UMI09, MY09]. **Travelling** [DD02, HB02b, UL06]. **treat** [Ger09]. **treated** [PPD09]. **Treatment** [Gar02, RB02b, Sne03, TGP$^+$00, ADHM09, ABvdD$^+$08, BMD$^+$08, BRS$^+$09, DMO$^+$07, ECAV07, GMK06, GK06a, Kam03, KJJB07, KW07, LYZ08, MSK03, ØKRG04, PLSGG05, SHRR06, STK08, TSC04]. **treatments** [BSGT08, HSG05, KSO06]. **Tree** [AF02a, PKA02, SW03, SKN$^+$03, SMG$^+$03, AHCN07, BGE05a, BLL08, KTH09, MPL06a, Sac04a, SG07, SLH$^+$09, SSM09, SJ09, ZAdlPLM07]. **Trees** [Chu00, GBLV03, Had01, Kra01c, Kra02, SI00, AF09, BL06a, Cud05, FDR04, GCH$^+$07, LRHB09, MCF04, NI04c, PPRI08, SBZ$^+$08]. **trehalose** [Voi03]. **tremor** [HSG05, SHPDL03]. **trends** [ZKFW08]. **tri** [Bal04, PV08]. **tri-frame** [PV08]. **tri-trophic** [Bal04]. **triads** [dCZJ$^+$04]. **Trichomes** [SBH01]. **Trifurcating** [SMG$^+$03]. **trigger** [MPA$^+$08, dM09]. **triggered** [BPZ$^+$01, NBMS06]. **Trimethylene** [WP01]. **trinucleotides** [TFYY03, YSW09]. **Tripedal** [Kel01]. **tripeptide** [YDL06b]. **triplet** [Pat05]. **Triplets** [AIK00, NA03, WBSY06]. **trisphosphate** [GFW$^+$09, LGB03a, TLZ05, WMS08b]. **Triterpene** [Kal00]. **tritrophic** [KYS06]. **Trivers** [Kan05, Kan06, Kan07]. **tRNA** [CDF00, Che06a, Di 04, Di 06b, Di 08, Fol08, GBD06, KS04, SKR06a, SKR06b, YNL01, dFG08]. **tRNAs** [Dor03a, GS02c, JS07, NN07]. **Trojan** [CW07, GT06b]. **Trophic** [Har02, LBJE03, Bal04, HB02a, HB02b, LW07, MGM07, PDPL05, RYAI06, SH07]. **Tropical** [PPL$^+$00, PAA07]. **trout** [KRGH07]. **true** [TTT09, TKN07]. **Truncated** [PPR01]. **trust** [MM03b]. **truthful** [HH04a]. **Trypanosoma** [NO04, DLM08]. **tryptophan** [SZ04]. **tube** [CCP$^+$00]. **Tuberculosis** [ACCC00, ACCC02, BGMM08, CCM07, Ger09, GRH$^+$07, MK04, MSK03, SKI$^+$06, ZKFW08, RWCK08, SJGK04]. **tubes** [KGG08].

tubular [MCK07]. **tubulin** [Cib08]. **tubulogenesis** [NOT04]. **tug** [FR06]. **Tumor** [CAF03, DKS04, HFH03, Jac03, KTCD00, KTH+00, MKLD02, PGLG01, AG06a, AD06b, CTB+05, GT06a, GT08, GDD+03, IMKN05, KLN+09, KSN03, KM05, LS08a, LGCL07, ML07a, ML07b, MD06, MD03, MDD06, RSC+06, SNA+08, SRCDS08, VHF06, WBR08, WLFC08, ZAD07]. **tumor-immune** [MD06]. **Tumorigenesis** [MLMW01, PN02b, PC04, dT07b]. **tumorigenic** [KF04]. **Tumors** [IKS00, SA01, AM04b, AMD05, AMD06, BR06, CA09, GDC+06, LGCL07, Lin07, MCK07, NL03a, OR05, SA05b, TCP05, dPGR06]. **Tumour** [BG00a, HS00c, KSB08, ASMM08, ABM03, AM06, AP09, BFGS07, BC06, DBBW09, DBBW11, DSU+04, GA07, GA09, Lo07, MAC06, OBL04, PA09b, PA09c, PSJ04, Rej07, SGGM05, SGM08, WBR09]. **tumour-associated** [ASMM08]. **tumour-induced** [MAC06]. **Tumours** [MLMW01, KJJB07]. **tuna** [GNLEK07]. **tuned** [HHH06, MDCC06]. **Tuning** [DHYHR09, AJOK09, SGTF07, vdBR04a]. **tunnel** [LBS06]. **tunneling** [YNO09]. **tunnelling** [BGD+06]. **tunnels** [LB05, LBS06]. **Turbulence** [LP00, LP01, Lew03, LB06, USTG09]. **turbulence-initiated** [USTG09]. **Turbulent** [Mcn00, MN01, McN06]. **Turdus** [DPV00]. **Turelli** [Sch02b]. **turing** [RM04, BGF07, Car02b, IK06, MSMKM06, SIK03, SI05]. **Turing-Hopf** [BGF07]. **turing-type** [RM04]. **Turkey** [NAV04]. **Turn** [JSA+07, JHJ+09b]. **turning** [BCV+08, HNTHA07]. **Turnover** [FFD+02, KDK02, BÅ03, KH09a, LFP+05, PGMK+03, SW08c, TGR+00, Wod07, dT07b]. **Turtles** [Hay00, Sol01]. **Tuscany** [Ano02a]. **twinfilin** [MO07]. **Two** [Dus01, FY00, Fur02, Had01, KW00a, KK00a, LN02, MV02a, MV02b, MV02c, OLS+02, PKA02, Rei02a, Sil02, Sol01, TG09a, VDV00, Zah00, ACR06, AO05, BH08, Bye09, CC08, CE08, CF09, Dam04, DBGM08, DBB09, DHW+09, Gol07, HA09, HQP+09, Iim07, JHJ+09b, KNT+09, KS06, KLL07b, KH08, LL08, LGCL07, LKM06, MM09, MBB08, MLWL06, MP09b, NL04, PB03, Rel04, SS06a, SB09a, SZLK+05, SB06, SIK03, SI05, SX06, SG04, ST05, SCS07, Tak06, Tao04b, TYW05, TQUN07, TQUN08, TSN05, UW09, VWR07, VSP06, WTL08, WSS07, WLHB07, YD09, YKiP+09, ZZLT07, vVH07]. **Two-Component** [Sil02, YKiP+09]. **two-deme** [LL08]. **two-dimensional** [AO05, HQP+09, Iim07, MBB08, SIK03, SI05]. **Two-duct** [MV02a, MV02b, MV02c]. **two-gene** [Tao04b, WSS07]. **Two-locus** [KW00a]. **two-member** [SS06a]. **two-moment** [UW09]. **two-parameter** [WTL08]. **two-pathogen** [VWR07]. **two-person** [MP09b]. **two-phase** [Rel04]. **two-prey** [SX06]. **two-score** [ST05]. **two-sex** [MM09]. **Two-species** [VDV00, CF09, Dam04, KS06, ZZLT07]. **two-stage** [JHJ+09b]. **Two-state** [Zah00, MLWL06]. **two-strategy** [HA09]. **Type** [AB00, Hop02, LLW09, WS03a, AH03b, AJ08, BMT04, CC06a, GASA09, GABK08, KP06, KSEK09, LSS06, MKD+05, NS09a, OAKC08, PBHS05, PCZL05, PCZL06, Raf02, RM04, TSRB08]. **typeable** [LKC07]. **Types** [Dus00, FLBB01, LMT02, AR08, CRJC04, ETH04, JSA+07, JHJ+09b, LVL08a, LVL08b, MS05a, PGLL07, RAK+08, SYC06, WYXC05, WYC06, vVH07, SHF02]. **typhimurium** [AS00, Kee05]. **typical** [TBB+06, TBC+08]. **Tyrannosaurus** [HNTHA07]. **Tyrosinase** [CCGC02, Ril00]. **tyrosine** [HSL04].

U [DL08]. **Uganda** [CHCC+04]. **UK** [TK09a, TK09b, TBB+06, TBC+08]. **ulcerative** [Agi04]. **Ultimatum** [PN01, Här07a, dSKL09]. **ultradian** [LKM06]. **Ultrasonic** [Ats01]. **ultrasound** [BLT03]. **ultraviolet** [BH04, BKP09]. **unaffected** [DDJ06]. **unassuming** [Rap08]. **unavoidable** [KCHP08]. **Unbiased** [BZ00]. **uncertainties** [VGBA06]. **Uncertainty** [HJ07, SP01, MHRK08, WA07]. **Uncle** [GK00]. **uncorrelated** [RBJ06]. **Uncovering** [RSSM06, TC09, WKL01]. **Underdominance** [DBG01]. **underlie** [MCM+09]. **Underlying** [KMP03, SSWF01, CY09, JB04, KYZ+08, KI04, KI05a, Luc05]. **underpinning** [GK04]. **understand** [Kau04]. **Understanding** [AM08, GG01c, MSH05, PJ01, PD00, QO08, XBCF05, BdSFFDMC09, KZ05, RG06, RRS06]. **understory** [Che07]. **unequal** [YB05]. **Unexpected** [BCL08, KCHP08]. **unfocused** [Has06]. **unfolding** [HQP08]. **unfortunate** [SB07]. **Unhealthy** [Wil08a]. **uniaxial** [Hol06]. **Unified** [Bro02, Chu00, CS02, GVB+08, MV07, NM09]. **unifies** [DP08]. **Uniform** [SH03, SKN+03]. **uniformly** [HH04b, TN04]. **Unifying** [BLL08, OR04, PN02a, ROR05, Lan03]. **uninfested** [KYS06]. **uniquely** [VL09]. **uniqueness** [MGL+06b, OB08]. **uniqueness-self-interest** [OB08]. **unisexual** [HI04]. **Unit** [GG02, MPM07, Nos06]. **Unit-restricted** [GG02]. **United** [Tho00]. **Unity** [WS03a]. **Universal** [Cha01a, Di 00b, Di 01a, Di 03b, FH07, CML08, Di 06b, GDD+03, GDC+06]. **universality** [Di 01a, Kom04]. **Universities** [CMW02]. **unlikely** [Ped07]. **unmineralized** [FS04b]. **unpalatable** [SSR04]. **unperturbed** [DTG09]. **Unpredictability** [Has06]. **unpredictable** [SHI03]. **unravel** [FMHW08]. **unreplicated** [ZAB+09]. **Unsaturated** [AF02a]. **unscrambling** [PER03]. **Unstable** [WS02a, SRCDS08]. **unsteady** [AO05, JA05]. **unstructured** [Sch05a]. **Unusual** [Dor03b, SKR06a]. **unveils** [HKP07]. **unwrapping** [Aba09]. **updated** [PGF+08]. **updating** [CA09]. **upon** [PDA+00]. **Uptake** [RBBH02, Bio08, CBB07, CRL06, DBR+05, KLL07b, LWC09, MW09, RF04a, RF04b, RF04c, Smi08d]. **upward** [SW04b]. **urban** [AKS07]. **urchin** [Zac09]. **ureteric** [HIM09]. **Usage** [AS00, RB02b, AAEW09, CSW+08, NGT05, Plu06, PB06, SWB06]. **Use** [DW08a, GKNT09, Möl01, PKL01, PH03, BRS+09, CPG09, GT06b, NA03, OBL04, Pac09, PGM00, SLP00, YTAK01, vV05]. **used** [FGH01, Pal08, WFGP04]. **Using** [AF02b, BFH+01, BE08, CFLC06, CT02, CTZ+06, DBBW09, DBBW11, DOT02, DNS00, ELSFB07, GLE+09, HAG03, HGB+00, KTH+00, LY02, LBJE03, PC02, PAD00, QLHL09, DPV00, SMG+03, TS02, WYC06, hZzGqX+09, ZCLZ07, AMW00, AIKP06, AKdlPP06, BL08, BG08, BLZ07a, BLZ07b, BMR08, CL07a, CC09a, DKS04, Di 01b, DL08, Dus06, ELJ06, HCM$^+$07, HGP$^+$07, HBB08, IB06, IvDH$^+$08, JSA$^+$07, JHJ$^+$09b, JWWS08, Kau04, KmMK04, LK08a, LLS$^+$09, Lin08, Mad00, MGS08, MMUGD09, NBT07, NAS07, PLH05, PM08, PB06, QWQ09, RCA09, RBW09, RA08, RW08, RRR04, SGTF07, SH04, SH05, Sch08b, SJGK04, SD06a, SD06b, SLHN06, THL03, TC09, TR08, VCGV07, WS02a, XWC08, YTL08, YYA09, ZLLZ09, ZW07]. **Ussing** [Luc05]. **Usually** [MC01]. **utero** [CSB$^+$09]. **utility** [Dic08]. **UV** [BH04, Möl02]. **UV-Green** [Möl02].

V [Ano04b, NM08, SPH03, RA06]. **V-formations** [SPH03]. **V/K** [RA06]. **Vaccination** [AWJ02, GG03a, Ste02a, ABvdD$^+$08, Ger09, GWM04, HDZ$^+$07, JWB$^+$09, KMW03, LTI08, NDE06, PLH05, TY06, Ten08, TP05, ZT08]. **vaccine** [ITLN09, ITI$^+$09, LKC07, RAHO06]. **vaccine-resistance** [ITLN09]. **vaccines** [Ano05h, BGMM08, Hof04, JAFW05, LGS$^+$09]. **valid** [TE04]. **Validation** [KS01c, DSU$^+$04, JAHKH09, Mag04]. **validity** [OP05, Pie09b, TE05]. **valleys** [GINT09]. **Value** [For01, LM01b, CWDM06, ELSFB07, FP03, Hur06]. **valued** [DHP06, Men07]. **Values** [WP01]. **Varanus** [See00]. **Variability** [Bon03, PKL01, RTK02, RDYH09, DPV00, TTKZ01, CW08b, GOP09, GS08b, HJ06, LPJB$^+$08, PSM06, WMS08a]. **Variable** [AGT$^+$01, Hay00, SM01, SR02, LBS06, SG04]. **variables** [Cud05, KHE06, PBB03]. **Variance** [MvdO06, BK05, BW06, LFFT06, MJ07a, NI04c, WTL08]. **variance/covariance** [LFFT06]. **Variances** [Cha01b, Jam09a]. **Variant** [NI04c, RG05]. **Variation** [CACC02, Gin00a, Hok00, JJ01, TTR00, BEK$^+$03, CS07, EBId09, GI09, HW05, HW06, HL06, JK03, Jam06, KF06, LS09, LKK07, VTL05, WVA05b, YZHZ09]. **Variational** [RH09a, RH09b]. **Variations** [CPR00, BG06, Bog04, Jam08b, Jam09b, TT04]. **Varicosities** [HFGB02, BFGB04, BFG05]. **varied** [LMT05]. **Various** [Kan01, MA03b, NA02, GEK04, KSY$^+$08, MS05a, SA07b, TY06]. **varius** [See00]. **Varying** [CLZZ02, GASA09, HP04, KCV05, NM08, PWK03, TOB08]. **Vascular** [Bar01, BR06, CCP$^+$00, GL01, HFGB02, Kra02, WBR09, Zam01, AM04b, BGE05a, FMI05, FI06, KRN03, NMH07, PA09a, PSJ04, PBB03, WBR08]. **Vascularity** [PGLG01]. **vasculature** [GT06a, Pie09a]. **Vasomotion** [GP01, PC09b]. **Vector** [CLXC03, KA02, MK03, AS09, dCZJ$^+$04, CTZ$^+$06, CBC$^+$09, DLM08, DRLB05, HRvdD08, ITI$^+$09, JSA$^+$07, MBBR06, QLHL09, RBW09, YCC$^+$06, ZLLZ09, ZCLZ07]. **vector-borne** [CBC$^+$09, HRvdD08]. **vectored** [DBBC08]. **Vectors** [LMT02, VSP06, WMP03]. **Vegetation** [RDL07, KvHMP09, LBCL09, LJL08, MS08a, MBRRI08]. **Vegetative** [ZM03]. **VEGF** [KS08a, SNA$^+$08]. **VEGF-A** [KS08a]. **VEGF-C** [KS08a]. **VEGFR** [KS08a]. **VEGFR-1-binding** [KS08a]. **vehicles** [OBL04]. **veil** [Chi07]. **veil-line** [Chi07]. **veins** [FM06]. **Velcro** [AJ08]. **velocity** [Alb08, DECEK06]. **venation** [CABB09]. **Venous** [WGH01, WBR09].

Ventilation [WGH00]. **ventral** [AGZ+06, ZLN07]. **ventricles** [BBSLN06, BBSLN08]. **ventricular** [BBSLN08, BOCF08, Han04, Hop06, LAG07, OD03, ZTKH09]. **vents** [BBKGP08]. **Verhulst** [Nås01a]. **verification** [CTS+08]. **vermiform** [BBB+07]. **versa** [CB07b, MI08a, MI08b]. **versus** [Agi04, Gie03, GFWT04, Mat06, Niw03, SI05, WT09b, YHI07]. **vertebrate** [RH04, SNCM09, Sar04, UMI09]. **vertex** [HTN04a, HTN04b]. **Vertical** [FF02, HS01, YN02, MPN07, SH03, Yam03]. **vertically** [JWB07]. **Vesicle** [GBG01, BD08a, FSS06a, MS07a, Rot07, TKM06]. **vesicles** [MS07b]. **Vessel** [Dor03b, RMBM00, BR06, WBR09]. **vessels** [AM06, BFGB04, BFG05]. **Via** [GG03b, BR06, CC01a, FFTS09, Gag00, JLCS08, JP00, KB02, KGG07, LBS00, LSH06, PSPF07, SHRR06, TH06, WWS+06, WS09]. **Viability** [NS03b, Tan07b]. **vibrations** [PT09]. **Vibrio** [KH08]. **vice** [CB07b, MI08a, MI08b]. **vicinity** [SNA+08]. **View** [Nak01, Nak03, Nir02, Che06a, Lan03, LV08, NM09, SZC+03]. **viewed** [GMMGDA05]. **Viewing** [LSH06]. **Viewpoint** [KRN01, GMMGD+08]. **Vigilance** [PBR03, KHL07, Lin04, PBR01, RB08]. **vigour** [Arc09a]. **violate** [ZXWF08]. **violations** [Dic08]. **Violaxanthin** [LBS00]. **Violent** [Kan06]. **viraemic** [RPNH03]. **Viral** [ETTV08, Kom07, OSK+05, SYSY02, ALM09, BST05, Bea06, Bel06, BB06a, BRND09, CMF08, DHRM08, DP04, GLE+09, GB07, GCP04, HM05, KMT06, KTE08, NS09a, PPD09, RGFP07, RP09b, SH08a, STK08, TH06, WL07a, WJ01]. **virion** [GCP04]. **virology** [Twa04]. **virotherapy** [BCJ+08]. **virtual** [SDL+08]. **Virulence** [Fer09a, HS00a, AG06b, KB04, MCB07, O'K05, PLSGG05, PSWK09, SRN07, SK09b]. **Virus** [AB00, FPL03, IMN05, LN02, MY09, SCC+00, BMD+08, CRNP07, DLRP07, DBBC08, DHW+09, FJBK05, GLE+09, HI07, HHP05, HSC07, HM05, JMvdB09, KNWCB07, MW09, NS09a, PBHS05, PT09, SDL+08, SCS04b, Twa04, XSD+05]. **virus-immune** [FJBK05]. **virus-vectored** [DBBC08]. **Viruses** [CMB+01, For02, Fra00b, JL00, BCJ+08, Kom07, PW09a, RAZ03, SSDM06]. **Visceral** [Rec02, MA07b, Sil09]. **Viscoelastic** [HS00c, KS09]. **Viscoelasticity** [CLO+02]. **Viscosity** [GD06, MW00, KNC+04]. **viscous** [GA08b]. **Vision** [How09, CS08, HHH06]. **visual** [CS09, HLP06, How09, KWGE04, RP09a]. **visualization** [GDPMDS+09]. **Visualizing** [DVL+00]. **vital** [BSJ04]. **Vitamin** [EM00]. **Vitro** [SHHD02, AHT+07, BCKE+08, BMD+08, DBBW09, DBBW11, FVP+07, HM06, KA03a, NOT04, PA09b, PA09c, Ros03, ZW07]. **vivo** [DBBW09, DBBW11, DSU+04, NB02, OLBM08]. **vocabulary** [Smi04]. **Vocal** [DPV00]. **Voids** [PPGS03]. **Voilà** [Noe00]. **volatile** [BKD+06, ZTKH09]. **Voltage** [GJE02, SFC+09, DBB09, Gre05, LSS06]. **Voltage-Biased** [GJE02]. **voltage-dependent** [DBB09]. **Volterra** [BM09, CG03, MC06, PDC02]. **Volume** [Ano03a, Ano03b, Ano03c, Ano03-44, Ano03-45, Ano03-46, YFKP03, AW06, Ano04h, Ano04i, Ano04-61, Ano04-62, BFG08a, GKTN07, HEH+09, LCHB06].

Volumetric [DOT02]. **volunteer** [Arc09b]. **vortex** [JB04]. **vortex-like** [JB04]. **Voting** [BR09]. **VRI** [XK07]. **VRI/PDP1** [XK07]. **vs** [RTK02, RWP+08, SS03, SI02, SYSY02, Wod01, ZSS02]. **vulnerability** [Abr09, KJJ07]. **vulnerable** [CE05].

W [EK08]. **waddling** [KSPA+08]. **waist** [CTB09]. **waist-to-hip** [CTB09]. **Waiting** [HSF09]. **waking** [RRR04]. **Walk** [FK03b, SFV02, AH03b, Akt04, BZ04, MLWL06, RBS05]. **walk-to-run** [RBS05]. **Walking** [BR01, FT07, Kel01, LW08a, RBS05]. **Walks** [Orr03, BNRW04, CH05b, PB06, RB09a, RBJ06, Ros05]. **Wall** [Dor03b, DWBB04]. **Walls** [Dor03b, Hol06, WL03]. **Waning** [FMLP06, GG03a, FGMP08]. **War** [ELL04, HG02, FR06, HGC03, vVH07]. **Warburg** [AP09]. **ward** [PFdP+07]. **warfare** [SCS07]. **warning** [LY01, PBR01]. **wars** [Jam09b]. **was** [Di 01a, Di 03a, Di 03b, WD03]. **wasp** [BIS+07]. **Wasps** [IST01, KB02]. **Water** [AF02a, AF02b, BHHS01, DLGC02, HVPN02, Kan01, YN02, Bio08, HML04, LN03, RF04a, RF04b, RF04c, WB06]. **Watermelon** [Kor07]. **WATOR** [DL00]. **Wave** [ACK00, AMV+02, Sch02b, DSS08, FWLN04, GSM06, KS06, LBSP06, PGN08, SLHN06, SM06b, UMI09]. **Wavelength** [PH03]. **Wavelet** [DVL+00, QLHL09, RAK+08]. **wavenumber** [OR04]. **Waves** [ACK00, DD02, HB02b, GG09, LACL03, MY09, MPA+08, RDC09, SI06, Tho05, UL06]. **way** [KJJ07, LSH06, ZJG03]. **WBE** [PA09a]. **Weak** [Arc09a, HB01, MGM07, CE05, LJ09a, RBJ06, WT07]. **Weakly** [GEF09]. **Weapon** [LY03a]. **weaving** [VCBV+06]. **Web** [DHM01, Bal04, BRCB04, BLMV05b, DI09, DMQ04, GDS07, II06, KJJ07, KGD09, Kon06, LM08, Paw09a, PM08, PB09, RMAI06b, KM08, VCBV+06]. **Web-building** [VCBV+06]. **webs** [AP04, BDBR07, CSA07, Est07, FV09, GD08, MB07, RMAI06a, RMAI09, UD07, Van06b, CC01b, Har02, JSV02, LBJE03, MS02]. **weevil** [FHL+06]. **Weight** [Jam01b, Mar03, TTR00, Wel02, AF09, CSS08, Hel08, Jam08c]. **Well** [LLCM01, Bea06, SH08b]. **well-mixed** [Bea06]. **West** [BDMR06, Cle07, MY09, MGL05]. **whale** [SPVN06]. **Wheat** [FMP01]. **whether** [BE08]. **which** [AGT+01, Buc04, HFY07, PDA+00, SML07, SML08, Tak06, Uit09]. **Whirled** [LY00]. **white** [VL09]. **Who** [AB04]. **Whole** [SML07, SML08, MSL04]. **Whole-cell** [SML07, SML08, MSL04]. **Wholemount** [Che00]. **whom** [AB04]. **whose** [RGG00]. **wide** [AA04, Cui07, GGK05, QHF+07, ZSZ+06]. **width** [KSPA+08]. **wild** [BMT04, FGMP08, GT06b, Raf02, TNTJ08]. **wild-type** [BMT04, Raf02]. **Will** [CR01, NP05]. **Willard** [Kan05, Kan06, Kan07]. **Wilson** [MBB02]. **win** [IFN07]. **win-stay** [IFN07]. **Wind** [GA02, USTG09, WH00, MT06a, MT06b, MA03b, SS03]. **wind-dispersal** [MA03b]. **wind-pollinated** [MT06a, MT06b, SS03]. **wind-pollination** [MT06a, MT06b, USTG09]. **Winds** [WH00]. **Winfree** [Ost04, Rot04, TG04, Win04]. **wing** [BZM05, KKPB09, RWID+08, SM06a].

wings [AO05, Sac05]. **Wins** [HS02a]. **wise** [APS08, AS09]. **Within** [AG06b, CPR00, FW01, Fra00b, LN02, SCH02c, ETH04, EW09, Fei08, FB06, GLE+09, GCP04, IMN05, Jam08b, Jam09a, MB07, MKB03, NM06, PCB07, PMB06, RDF03, RGFP07, RDSB+03, SNCM09, SSLB07, TBC+08, UHK01, YZHZ09]. **Within-** [SCH02c]. **within-herd** [GLE+09]. **Within-host** [AG06b, Fra00b, GCP04, RDF03, RGFP07]. **Within-species** [CPR00]. **without** [BLS+09, KGD09, Par04]. **Wnt** [GP08a, RGSFM07]. **Wolbachia** [TYW05, VCGV07, ETH04, Sch02b]. **Wolbachia-types** [ETH04]. **women** [Hel08, Jam08c]. **Wood** [LY00, AF09, AJ08]. **Word** [Now00]. **Work** [KB02, RBS05, VA06]. **Worker** [SFV02, PRT04]. **workers** [BIS+07, RHF07, Tof06]. **working** [PP08]. **workspace** [Wal07a]. **World** [DKD02, Leh02, MS02, Tho00, DS04, DLB07, DLM03, SK05, Tay06, VdGN+05]. **worlds** [OBDJ06]. **would** [SS06d]. **Wound** [CS00, CLH07]. **wound-healing** [CLH07]. **wrapping** [Aba09, LDW05]. **wrapping/unwrapping** [Aba09]. **WRCH** [KS08b]. **Wright** [Wax09]. **Wrightian** [Win06]. **wrinkling** [CML08]. **wrong** [SG07, vV09]. **wrongs** [HMGK06].

X [How09, CS08, SP06]. **X-linked** [SP06]. **X-ray** [How09, CS08]. **Xanthophyll** [LBS00]. **Xenopus** [FWLN04, MKL09]. **xuthus** [OST09]. **Xylella** [VRAF06]. **Xylem** [FGH01, HVN07, HMN09, LN03, LMVPM07, SWRH03]. **xylem-phloem** [HMN09].

Y-linked [GMM09]. **yaw** [Sac07]. **yawing** [Sac05, SM06a]. **year** [YHI04]. **Yeast** [RvMK+05, AVSHV04, BS05a, BB07a, GPB+04, HK05, Hen04, Iro09, LR07, MCN08, RR09, SSK06, iTYU06, Voi03, WRG+04, ZPP08]. **yellow** [Che07]. **Yield** [HCMF01, HCB+02, BDR08, SPAH06, SPF08]. **yields** [ACK08]. **young** [PBB03, EKIL01, HYA02]. **YY** [GT06b].

Zealand [KMW03, TBR08]. **Zeaxanthin** [LBS00, DVC+04]. **Zebrafish** [Moc02, TMI03b, ZLN07]. **zebras** [LY03b]. **Zeeman** [JDMZ+07]. **Zero** [CY09, HNO03, Tho00, Che06b, EAM07, GR05, HE08a]. **zero-energy-cost** [GR05]. **Zero-inflated** [CY09]. **Zero-Knowledge** [HNO03]. **zero-net-flux** [Che06b]. **zero-sum** [EAM07, HE08a]. **zeros** [CY09]. **Zhabotinskii** [SRR08]. **Zigzagging** [LS07]. **Zipf** [LY02]. **zone** [KS06]. **zones** [BFGD07, LL09, SPVN06]. **zooplankton** [BdSFFDMC09, LSH06, MPN07, SCS04b]. **zymogens** [VGMVR+06].

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