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2 [AFTF22, KRSSH21, PD23, RBG+23, SRB+24, Yin21]. 3 [ABB+22, BMB+21, FSC21, GF23, MPTCT+20, MMS+23, YG25]. 4 [CKTW24]. + [BCK24, LLS+22]. 2+ [CBK+20, KK22a, LYE+24, PO20]. 2 [AG22]. a [PLSS24a, PLSS24b]. β [CSF20, FVB20, GHB22, IMM24, IYL+25, Kuz24a, Kuz24c]. γ [PJVR23]. h [PWC+23]. n [GZ24, KT20a]. Q [YCKK24]. R_0 [KRSSH21]. T [LLS+22].

-catenin [CSF20]. **-cell** [IYL+25]. **-cells** [FVB20]. **-Dimensional** [AFTF22]. **-protein** [IMM24]. **-serovar** [KT20a]. **-species** [GZ24]. **-subtree** [CKTW24]. **-wave** [PLSS24a, PLSS24b].

/IL [PJVR23]. **/IL-4** [PJVR23].

01-17 [PLSS24a]. **01-17/111879** [PLSS24a].

1 [BS21, CTL+22, KKK+20, LBF24, NTTI22, PGML20, SF23]. **17/111879** [PLSS24a]. **19** [AGP+21, AGP+23, APF+24, ASS+23, AMR+23, BK21,

BGM22, BDdG22, CS21, CSDH+25, DAB+23, DTS21, DPR21, DJ22, ECH+23, FPGOCP+25, GSW+23, GGSTS21, HPGF25, JKH+23, KPA+21, KBW+23, LPLM25, LMS21, LZZ+23, LMW21, MEPS22, NGKB21, PRJ+20, REK20, STCSC+21, SFK+23, SRDC21, SXJ20, Täu20, TNHV21, TWT23, YTY+20, YLT22, ZQHN24, ZZT+21, ZWC+22, ZWW22, dIMM24, dCC+23].

2 [ACF22, BLRV21, BFSA23, CWF23, CLJ+23, CWL20, CPEK23, CDdV23, CWT+23, CSH+25, DNK+24, GFV+23, GFC+22, Hil23, JMWX23, KvLBD25, Kee23, KBD+23, LRST22, NSZ+25, PWC+23, PDD24, Roy21, TAP+23, WUH23, WHRH+23, XCFH23, YY21, dCC+23]. **2020** [Ano20m, Ano20a, Ano20n, Ano20b, Ano20o, Ano20c, Ano20p, Ano20d, Ano20q, Ano20e, Ano20s, Ano20g, Ano20r, Ano20f, Ano20t, Ano20h, Ano20u, Ano20i, Ano20v, Ano20j, Ano20w, Ano20k, Ano20x, Ano20l, YLT22]. **2021** [Ano21m, Ano21a, Ano21n, Ano21b, Ano21o, Ano21c, Ano21p, Ano21d, Ano21q, Ano21e, Ano21s, Ano21g, Ano21r, Ano21f, Ano21t, Ano21h, Ano21u, Ano21i, Ano21v, Ano21j, Ano21w, Ano21k, Ano21x, Ano21l]. **2022** [Ano22l, Ano22a, Ano22m, Ano22b, Ano22n, Ano22c, Ano22o, Ano22d, Ano22p, Ano22e, Ano22r, Ano22g, Ano22q, Ano22f, Ano22s, Ano22h, Ano22t, Ano22i, Ano22u, Ano22j, Ano22v, Ano22w, Ano22k]. **2023** [Ano23j, Ano23k, Ano23b, Ano23l, Ano23c, Ano23m, Ano23d, Ano23o, Ano23f, Ano23n, Ano23e, Ano23p, Ano23g, Ano23q, Ano23h, Ano23r, Ano23s, Ano23t, Ano23i]. **2024** [Ano24i, Ano24a, Ano24j, Ano24b, Ano24k, Ano24l, Ano24c, Ano24m, Ano24d, Ano24o, Ano24f, Ano24n, Ano24e, Ano24p, Ano24g, Ano24q, Ano24h, Ano24r, Ano24s, Ano24t]. **2025** [Ano25h, Ano25i, Ano25j, Ano25b, Ano25k, Ano25c, Ano25m, Ano25e, Ano25l, Ano25d, Ano25n, Ano25f, Ano25o, Ano25g, Ano25p, Ano25q]. **21** [Ano20a, Ano20b, Ano20c, Ano20d, Ano20e, Ano20g, Ano20f, Ano20h, Ano20i, Ano20j, Ano20k, Ano20l, Ano21a, Ano21b, Ano21c, Ano21d, Ano21e, Ano21g, Ano21f, Ano21h, Ano21i, Ano21j, Ano21k, Ano21l, Ano22a, Ano22b, Ano22c, Ano22d, Ano22e, Ano22g, Ano22f, Ano22h, Ano22i, Ano22j, Ano22k, Ano23b, Ano23c, Ano23d, Ano23f, Ano23e, Ano23g, Ano23h, Ano23i, Ano24a, Ano24b, Ano24c, Ano24d, Ano24f, Ano24e, Ano24g, Ano24h, Ano25b, Ano25c, Ano25e, Ano25d, Ano25f, Ano25g]. **27** [LBF24]. **289** [JCLS+21].

3a [AAL+21].

4 [KK23, PJVR23]. **40** [MP22]. **417** [Sch23]. **439** [SSKS20]. **447** [Lio24]. **454** [Sch21a]. **456** [GHS20]. **483** [WLW20]. **486** [D'A20a, RB22]. **492** [Lei24]. **498** [PP24]. **4T1** [GYY+23].

526 [Cor22]. **527** [HPSA23]. **530** [Xie22]. **537** [Akh23]. **545** [CBH+23]. **592** [PLSS24a].

605 [LK25a].

7 [Ano20m, Ano20n, Ano20o, Ano20p, Ano20q, Ano20s, Ano20r, Ano20t, Ano20u, Ano20v, Ano20w, Ano20x, Ano21m, Ano21n, Ano21o, Ano21p, Ano21q, Ano21s, Ano21r, Ano21t, Ano21u, Ano21v, Ano21w, Ano21x, Ano22l, Ano22m, Ano22n, Ano22o, Ano22p, Ano22r, Ano22q, Ano22s, Ano22t, Ano22u, Ano22v, Ano22w, Ano23j, Ano23k, Ano23l, Ano23m, Ano23o, Ano23n, Ano23p, Ano23q, Ano23r, Ano23s, Ano23t, Ano24i, Ano24j, Ano24k, Ano24l, Ano24m, Ano24o, Ano24n, Ano24p, Ano24q, Ano24r, Ano24s, Ano24t, Ano25h, Ano25i, Ano25j, Ano25k, Ano25m, Ano25l, Ano25n, Ano25o, Ano25p, Ano25q].

9 [SMS20].

abandoning [LYYN20]. **abdominal** [HBWLLPA21]. **abductive** [PAM24]. **ablation** [FFGR25]. **abnormal** [HRD+24]. **abruptness** [STB20]. **absence** [HGZM25, LYE+24]. **absenteeism** [AMR+23]. **absolute** [WCL+25]. **Absorbing** [DHC25]. **abstraction** [ASK20]. **abundance** [KL21b, SS21, TBNS23, vBW20]. **abundance-dependent** [SS21]. **abundances** [AWC25]. **abuse** [UV23]. **acceleration** [KP21]. **accident** [LLJ25]. **accompanying** [FFGR25]. **according** [LKP+20]. **account** [BKP23, KK23, RLL25]. **Accounting** [MCM20, WHH22]. **accumulation** [JCLS+11, JCLS+21, PS22b, TS23]. **accuracy** [GFV+23]. **Accurate** [YFF25]. **accurately** [LHG+22]. **ACE2** [PRJ+20]. **acetaminophen** [GBRM21]. **acid** [CWT+23, MBF21]. **acids** [IYL+25]. **acquires** [APF+24]. **acquisition** [BSL24]. **across** [AMR+23, BYHH20, JJR20, KPH+24, PJB21, RWHK21, Wor20, XML22, ZZT+21]. **actin** [RBG+23, YL25, dLFO21]. **acting** [Sak20, Sak22a, Sak22b]. **action** [RS24, Vol24]. **activated** [VTDM21]. **activating** [SHY21]. **activation** [AAL+21, BCK24, CPMF+22, DB22a, KB20, MP22, SBC+20, SSKP24]. **Active** [MI20, AJR+20, JJR20]. **activities** [SSX+22, SY25, ZSL23]. **activity** [AKHM23, IYL+25, MCP20, PR21, YLZ+21]. **acute** [BLP20, PBB20]. **adapt** [Haj20]. **adaptation** [RKCvB25]. **adaptations** [SL23]. **adapted** [SC23b]. **Adapting** [MMI22]. **Adaptive** [CC22, LZZ+23, RID23, AJR+20, BP23, Bau20, BBDB22, GF23, GGG21, JKSD23, MH22b, NVS20, Osb24, PAV21, PLR24, Täu20]. **adaptively** [For24]. **adenocarcinoma** [WCZL25]. **ADHD** [AGTJ23]. **adherence** [DHC25, YHT24]. **adhesion** [IHO+20, MDS25, PJB21]. **adhesive** [SK23]. **adipocyte** [GMR+24]. **adiponectin** [SNK20]. **Adipose** [DWNW24, HBWLLPA21]. **adjacent** [KMA+21]. **adjustments** [SW22]. **administration** [BLP20]. **ADRC** [SSLMGC25]. **adrenergic** [MCL21]. **ADT** [LF25]. **adult** [AWC25, LSZ21, WMHV24]. **advanced** [HKL25, KT20b]. **advantage** [Gav25, KPP20, MGCH21, ZWC+22]. **advantageous** [LK25a, LK25b]. **adversarial** [RMSS24]. **Aedes** [APR+22a]. **aegypti** [APR+22a]. **aerodynamic** [PCR21]. **affect** [AKHM23, BTS24, HPSA21, HPSA23, HDM20, PD23, WDHB20, ZWC+22]. **affected** [BEBA20]. **affecting** [Xie23]. **affects**

[AJR+20, KIM+22, PS22a, PBB20, RGBD25, SYH20, TIS25]. **Africa** [LPP+25]. **African** [ZRL+21]. **after** [AOB21, BPP+20, CNK24, CPMF+22, HHI24, WP21, YS25]. **against** [BPP+20, BS25, KT20a, KK22b, MMI22, OKF+21, PRJ+20, PGC+22]. **Age** [APR+22b, DRK23, KHHI25, AWC25, BK21, DDDMT22, DKSP24, HK21, HPGF25, LRST22, PLSS24a, PLSS24b, SSBG20, WSY21, ZF21]. **Age-dependence** [KHHI25]. **age-related** [PLSS24a, PLSS24b]. **age-structure** [HPGF25]. **Age-structured** [APR+22b, DDDMT22, HK21, LRST22, SSBG20]. **aged** [WMHV24]. **ageing** [BC20]. **Agelessness** [RR24]. **Agent** [YTG24, Ala20, GTGB21, GGG21, IH21, Pro24, SLML20, SSK+25, TT20]. **Agent-based** [YTG24, Ala20, GTGB21, GGG21, IH21, SSK+25]. **agent-model** [SLML20]. **aggregate** [GWZ+22]. **aggregates** [Kuz24a]. **aggregation** [BERR20, FSKG20, ND22, OYT25, RB22]. **aggregations** [AKHM23]. **aggregative** [CRDD22]. **Aging** [BF20, JSCW21]. **Aging-induced** [JSCW21]. **agricultural** [BB21b]. **AIDS** [ZXLH23]. **aimed** [AHW21]. **air** [HHT25, OTCE24, SHH20, ZZ22]. **airborne** [ABOR20]. **Airway** [Don23, NM23]. **airways** [DWNW24, DEM+23]. **Akt** [GC20, KLLL22]. **alcohol** [GBRM21]. **algae** [OTI+20, TMTK22]. **algae-phosphorus** [TMTK22]. **algal** [SGJ+24]. **algebraic** [MPTCT+20, MZLJ20]. **algorithm** [AFTF22, CLW+24, YFF25]. **Algorithmic** [Pat22]. **algorithms** [FPGOCP+25]. **alignment** [KF20]. **alike** [HGD+25]. **Allee** [AHEB+22, Leh21, LG23, MH22a, SSB20, YM23, ZM20]. **Allele** [SC23b, Sak22b]. **allergy** [KHHI25]. **allocation** [BCBP25, CD22, FHTK20, IDMG24, KHST21, MB21]. **allografts** [GYY+23]. **allows** [KK22b]. **alone** [Avv21]. **along** [HI21, LKP+20]. **alpha** [CWT+23, MCP20, RE25]. **alpha-cell** [MCP20]. **alphabet** [MBF21]. **alter** [SCH24]. **alternate** [EHA+21]. **alternative** [KNY25, PBP23]. **altruism** [GCM23, Gar24]. **altruistic** [FFAV21, Pag25]. **alveolar** [ACF22]. **Alzheimer** [IMM24, LLZ+22]. **American** [LZ23]. **amino** [CWT+23, MBF21]. **among** [ADLM24, CBPG23, Kan21, MH22b, Sak22a, TP24, WS24, XSH+24, YJBF20]. **among-parent** [Sak22a]. **amplitude** [MG21]. **amyloid** [Kuz24c]. **amyloid-** [Kuz24c]. **analog** [KK22a]. **Analogy** [YTW21]. **analyse** [TCMA21]. **analyses** [WS24]. **Analysis** [GFV+23, KT21, PCR21, SY25, WBKR22, Ala23, APF+24, BJJM25, BCLJ24, BSC20a, BMB+21, BPM+22, CSHH20, CPHL+20, CF20, CGP+20, Cor21, Cor22, DSdP22, DMR21, DMAC21, ES24, FNGJ21, FLR+21, GGS+24, GSMG22, HJKS20, HXZ+22, HLW24, HGF23, Ish23, KT20a, KG22, KvLBD25, KPR20, KRG24, LPP+25, LMB22, LB20, LS25a, LML24, OGM+25, PBP23, Pat22, PPGB20, dMQHRGA+22, RNP+25, RRAO21, RKCvB25, Sak22b, Sal24, SYI20, SCHH20, SSKS18, SSKS20, SL23, TKRA20, WLJ+20, WRB22, YZSS20, ZB22, ZSL23, ZWW22]. **analytical** [KK22a, NSZ+25]. **analyze** [MMS+23]. **anatomical** [LKP+20]. **anatomy** [WS22]. **Ancestral** [DHR25, MGVS21]. **ancestry** [Di 20]. **androdioecious** [YI21]. **Angiogenesis**

[GDd+21, DMAC21, FLR23, HAP22, HYM+22, NNOBS23]. **angiogenic** [HIA+22]. **angiotensin** [TDRC23]. **angles** [BBR+21]. **angular** [SF24a]. **Animal** [CCSF21, ABBP21, BLRV21, BERR20, HIA+22, YWWF25]. **animals** [HL24, KM20, SKNvRL22, TP24]. **anisogamy** [JWKA21]. **announcement** [FHM20]. **annual** [Tay23]. **answer** [KI21]. **ant** [HDM20]. **antagonism** [YJBF20]. **antagonistic** [Bau20]. **antennal** [PR21, TKR+21]. **anthesis** [WS24]. **anthrax** [KM22, MK21]. **anti** [Ala20, BH20, DMAC21, GYY+23, HIA+22, HL21, KKL20, LDF23, LLS+22, LBF24, SF24b]. **anti-angiogenesis** [DMAC21]. **anti-angiogenic** [HIA+22]. **anti-cancer** [BH20, KKL20, LBF24]. **anti-conformity** [LDF23]. **anti-diabetic** [SF24b]. **anti-metastatic** [GYY+23]. **anti-microbial** [Ala20]. **anti-PD-1** [LBF24]. **anti-poaching** [HL21]. **anti-tumour** [LLS+22]. **antibiotic** [MBM+25, SP20]. **antibodies** [BS21, GFV+23, Sch17, Sch23, TEWN21, dCC+23]. **Antibody** [CWF23, BKP23, KT20a]. **antibody-dependent** [KT20a]. **Anticipating** [AJR+20]. **Antigenic** [BRS24]. **antimicrobial** [GHF22]. **Antisocial** [LDL+24]. **antitumor** [KK23]. **antiviral** [KKK+20, LZZ20, OKF+21]. **antral** [Avv21]. **ants** [GGG21, IH21]. **APOBEC3** [KKK+20]. **apoptosis** [LMA21, QYY+23]. **apoptotic** [MF24]. **Application** [GSW+23, GYY+23, KHAK21, MEPS22, NCL20, Roy21, STCSC+21, YLT22, ABBP21, CGK23, CSDH+25, DTS21, IB21, MSL23, SSLMGC25, SSK+25]. **applications** [RK22b, WHH22, YG25]. **applied** [AG22, BGM22, RRAO21, VMRSL23]. **Approach** [GT20, Avv23, BDdG22, CCH+24, CHMM23, CMRMC+21, CTL+22, CDdV23, Gar24, GBHNHVL23, GtHH20, GEHL+22, Haj20, HAGADDM24, HLS+25, JAW25, KT20a, KH20, KTP+20, MCL20, NGKB21, OSAR21, Sal25, SRB+24, SJS+25, SLML20, TKB+20, TCMA21, VKS+20, WNHK21, Wu24, vBBB+25]. **approaches** [CCA20, EPF20, KV23, MY20, PBP23]. **approximate** [LZW23, SD20, SF24a, SBB+22]. **Approximating** [HTD22]. **approximation** [ESW24, dJHP20]. **approximations** [ACMT24, BS22a, GTGB21, LK20]. **April** [Ano20m, Ano20a, Ano21m, Ano21a, Ano22l, Ano22a, Ano23j, Ano24i, Ano24a, Ano25h, Ano23a]. **aptamers** [EPF20]. **aquatic** [ACP20, CG21, PTK+24, QWZK24]. **Arabidopsis** [ADP21]. **arbitrary** [Wad22]. **arboviral** [SUA+20]. **arbuscular** [MGZ+21]. **arcades** [RKCvB25]. **architecture** [SAK21, TS23, TIS25]. **area** [GSC23, MMS+23, SKNvRL22]. **argument** [Bar21]. **arising** [RG21]. **arithmetic** [GCM23]. **arsenal** [Pat22]. **Arterial** [RKCvB25, SVHM+21, JJR20, TDRC23, YTW21]. **arteries** [ZL20]. **arterioles** [FFR22]. **arthropod** [PCR21]. **arthropods** [PCR23]. **article** [PMCLC+23, RB22]. **articular** [MFGACST23]. **Artificial** [FBD23, KT21]. **Artiodactyl** [SCD+23]. **Ascertainment** [CPEK23]. **Asgardarchaeota** [Di 20]. **Asia** [TWT23]. **aspect** [KT20b]. **aspects** [Ste21a]. **aspirin** [AAL+21]. **assay** [FSC21]. **assembly** [GGS+24, MDF21, SCH24, YRMWT20]. **assess** [AY22, BDdG22, GW20].

Assessing
[HCR20, IHG21, Ngo22, VCS24, VGTY21, JKH+23, KT20b, KHB+22].
assessment [HPD20, KRG24, PGML20, RLW+21, TEWN21, ZXLH23].
assist [MAHMH20, ZMKF22]. **associate** [APR+22b]. **associated**
[BNPL20, HHT25, Nah20, SHH20, WFL+24, YFZ+20]. **Association**
[NR20, MZLJ20]. **associations** [WBKR22]. **assortment** [IIH25, ML24].
assuming [WS24]. **assumptions** [GHF22]. **asthma** [DLN20]. **astrocyte**
[HS20, KK22a, RLL25]. **astrocytes** [SS22]. **asymmetric**
[KC22, YWQX23, ZYF25]. **asymmetry** [CSVB25, SCD+23]. **asymptomatic**
[GSW+23, GGSTS21, MEPS22, WUH23]. **asymptotic** [Pat22].
atherogenesis [YE21]. **Atheroprotective** [YE21]. **atherosclerosis**
[SJNRS20, EE23]. **atherosclerotic** [JJR20]. **atomistic** [FSC21].
atomistic-continuum [FSC21]. **atopic** [PJVR23]. **atrial** [DRK23].
atrophy [AHS23]. **Attack** [Sin21, NAR+20]. **attainment** [Hon20].
attenuation [BEBA20, SC21]. **attractants** [TML20]. **atypical** [HGZM25].
August [Ano20n, Ano20b, Ano21n, Ano21b, Ano22m, Ano22b, Ano23k,
Ano23b, Ano24j, Ano24b, Ano25i, Ano25a]. **aureus** [BJB+20, SHH20]. **auris**
[KRG24]. **Austria** [KPA+21]. **auto** [YST21]. **auto-regulated** [YST21].
autocatalysts [SR24]. **Autocatalytic** [SSS21, Kuz24a, Rav21].
Autocatalytic-protection [SSS21]. **Autoimmune** [HI20, vdVPW+22].
automata [DEM+23, LPSMCP23, LSZ21, HCR20]. **Automated** [RW20].
automaton [LSWVB24]. **autonomous** [BH23, OKT+21, WSEK23].
autoregression [MCMdAM24]. **autoregulation** [ADP21]. **availability**
[FHTK20, MSM23]. **avascular** [FBSD22, MPA23]. **average** [KL21b].
averaging [vBBB+25]. **avian** [XYK+20]. **avidity** [KKL20]. **avium**
[WPEP22]. **avoidance** [OIK+24, QPL21]. **avoiding** [GQG23]. **aware**
[BK20a]. **awareness** [LWXM20]. **Axin2** [CSF20]. **axis** [LKP+20].
axisymmetric [YTW21]. **axonal** [KK22b]. **axons** [CCH+24, CHMM23].

B [CMRMC+21, KPH+24, LGSR21, PD23, RY22, SD25]. **B/L** [PD23]. **B4**
[NSZ+25]. **background** [BCC+21, Kau23]. **background-induced**
[BCC+21]. **bacteria** [ATP22, GT22, Kan21, KHAK21, MK24, TTBL21].
bacteria-particle [MK24]. **Bacterial** [Sch17, Sch23, WPEP22, BJB+20,
ECBR20, MBM+25, MDF21, SHH20, TML20]. **bacteriophage** [Bol22].
badger [LZ23]. **balance** [AKHM23, AA22, KNK21, LB20, ZB22]. **balanced**
[VG25]. **ball** [BFG21, YZB20]. **ball-rolling** [YZB20]. **bambara** [DSM+23].
band [RE25]. **banded** [JMD20]. **banks** [PB22]. **basal** [HXZ+22]. **based**
[Akh22, Akh23, Ala20, Ala23, ACD20, AGBLGA+22, AR21, BRN+22, BC21,
BGB+21, BEBA20, BMB+21, BS22b, CGS+25, ECH+23, EBK21, FHR22,
FLR23, GT22, GTGB21, GCC20, GSMG22, GGG21, HJKS20, HHT25,
HBWLLPA21, Hoe24, HXS21, IH21, JMD20, JFCK20, JCC20, KR22,
KCW+25, KK22a, KIO+25, LPP+25, LPBMA21, LMS21, LFZ+24, LMC+20,
LB20, LCYD23, MPTCT+20, MZLJ20, MI23, NR20, OGM+25, PASO21,
PHL+23, PZG20, RT24a, RKCvB25, SSLMGC25, SJS+25, SRDC21, SC21,

SHK20, SSK+25, SVHM+21, TCMA21, VVD24, WCM+21, WSL25, YTG24, YCKK24, ZPP23, dLFO21]. **basic** [DF22, GHF22, GHS18, GHS20, GBHNHVL23]. **BASiCS** [OV25]. **basis** [MI20]. **bat** [GtHH20]. **Batesian** [QHS23, TT24]. **Battle** [CK20b]. **Bayes** [CGS+25]. **Bayesian** [CRG+23, CGS+25, HGF23, LG23, LZW23, YOIS24]. **be** [BC20, LBF24, MC20b, SSR21]. **beam** [LR21]. **bearded** [CKF+24]. **bearing** [EHA+21, MUMS24]. **bee** [CFH+25, SWK+20]. **bees** [HZS+21]. **beetle** [BFG21, CGY+23, KCW+25]. **beetles** [YZB20]. **behavior** [DMPIG24, IH21, Leh22, Lei20, Lei24, NSMH25, PAV21, SLML20, SMS20, VKS+20, YZB20]. **Behavioral** [HDM20, BLP20, MSM23, SBSB23, SZR+25]. **behaviors** [ETTT24, LZZ+23]. **behaviour** [ABC+21, BEBA20, FFAV21, IHO+20, KHW+22, MW20, NSD22, SOKZ22, Wil23]. **behavioural** [BDdG22]. **behaviours** [Rav21, RSPB+22]. **behind** [Avv23]. **Belgium** [APF+24]. **believing** [PZ20]. **belowground** [KHST21]. **bending** [HH21]. **beneficial** [Kau23]. **beneficiaries** [MCL20]. **benefit** [PPS+21]. **benevolent** [FPX20]. **benthic** [IYY22]. **Bernoulli** [CGR22, ILGI20]. **Best** [FBA21, BD21, SH21, TATT21]. **best-response** [SH21]. **bet** [ZX22, HKBK25]. **bet-hedging** [ZX22]. **beta** [CWT+23, RE25]. **beta-band** [RE25]. **better** [EBA21]. **between** [APR+22a, AJR+20, AAL+21, BHW+20, BRAHV25, CLJ+23, FG21, FG22, GFN23, GMS20, HVC+21, HGD+25, JME24, KM22, Kuz24a, KMA+21, MCL20, NNNHA24, NO24, Pfe22, PJPH25, QHS23, SA25, SUA+20, SH21, SZR+25, TAP+23, TK25, Xie23, YLZ+21, YJBF20]. **between-host** [BRAHV25, FG22, SA25, SZR+25]. **Beverton** [FS22]. **Beyond** [DB22b, RCM+25, PK23, Whi20]. **bi** [GK21]. **bi-stable** [GK21]. **bias** [DPR21, SL22]. **Biased** [JTB25]. **biases** [HPSA21, HPSA23, Par22]. **Bidirectional** [KK22b, HXZ+22]. **biennial** [MUMS24]. **biennial-bearing** [MUMS24]. **Bifurcation** [FLR+21, DBS23, HXZ+22, KG22, LS25a, LS25b, WA22]. **bifurcations** [GK21]. **big** [KI21]. **binarization** [PZG20]. **binding** [CGG+25, Sch21b, TML20, WDT+20]. **binomial** [CGR22, LMS21]. **bio** [MPTCT+20]. **bio-macro-molecular** [MPTCT+20]. **Biochemical** [Sal24]. **biocontrol** [AY22]. **bioelectric** [Car23]. **bioelectrical** [CMLM23]. **Bioengineering** [GT20]. **biofilm** [GJDS20, WWR+24]. **Biofilms** [WPEP22]. **biogenic** [IHS25]. **Biol** [Akh23, CBH+23, Cor22, HPSA23, JCLS+21, Lei24, Lio24, LK25a, PLSS24a, PP24, Sch21a, Sch23, SSKS20, Xie22]. **biological** [BH24, BEO+22, CBBD22, FFNG+21, GWZ+22, GSMG22, HCSAB21, IKYW21, LSW20, LMC+20, MMS+23, SJS+25, SCH24, Tsu21, vdBMB+23]. **Biology** [D'A20a, Don23, GADDVG+24, GHS20, WLW20, Wil23, Dal22, KTP+20, Pru25, RLB25, Sal24, SMM24, Tha24, WBS20]. **biomarkers** [LPSMCP23, LLZ+22]. **Biomathematical** [MMK+24]. **biomechanical** [BC21]. **Biomechanics** [PTK+24]. **biomedical** [NR20]. **Biomimetic** [LMLP20]. **biomolecular** [GCC20, Xie20]. **bioprocess** [SSLMGC25].

bipedal [HXS21]. **biphasic** [SGM+25]. **birds** [ELM25, HBGV+21]. **birth** [LT23, PLM24, SHK20]. **birth-death** [LT23, PLM24, SHK20]. **Bistability** [JCLS+11, JCLS+21, Koc20, SOKZ22, GBF20]. **bistable** [BW25, DB22a, FK21, LS25a]. **bitter** [BSS+20]. **bitter-off** [BSS+20]. **blankets** [PRP+20]. **bleaching** [DCP+22]. **blebbing** [NNOBS23]. **blind** [CLM+25]. **bliss** [CK20b, SW22]. **blobs** [Ost23]. **blockade** [SF23, TKRA20]. **blockers** [DCL23]. **blocking** [BS21]. **blood** [AG22, CHT22, Gre25, NM23, SVHM+21, TCH21, TH25]. **blue** [MPH+22]. **Board** [Ano20y, Ano20z, Ano20-27, Ano20-28, Ano20-29, Ano20-30, Ano20-31, Ano20-32, Ano20-33, Ano20-34, Ano20-35, Ano20-36, Ano20-37, Ano20-38, Ano20-39, Ano20-40, Ano20-41, Ano20-42, Ano20-43, Ano20-44, Ano20-45, Ano20-46, Ano20-47, Ano20-48, Ano21y, Ano21z, Ano21-27, Ano21-28, Ano21-29, Ano21-30, Ano21-31, Ano21-32, Ano21-33, Ano21-34, Ano21-35, Ano21-36, Ano21-37, Ano21-38, Ano21-39, Ano21-40, Ano21-41, Ano21-42, Ano21-43, Ano21-44, Ano21-45, Ano21-46, Ano21-47, Ano21-48, Ano22x, Ano22y, Ano22z, Ano22-27, Ano22-28, Ano22-29, Ano22-30, Ano22-31, Ano22-32, Ano22-33, Ano22-34, Ano22-35, Ano22-36, Ano22-37, Ano22-38, Ano22-39, Ano22-40, Ano22-41, Ano22-42, Ano22-43, Ano22-44, Ano22-45, Ano22-46, Ano23u, Ano23v, Ano23w, Ano23x, Ano23y, Ano23z, Ano23-27, Ano23-28, Ano23-29, Ano23-30, Ano23-31, Ano23-32, Ano23-33, Ano23-34, Ano23-35, Ano23-36, Ano23-37]. **Board** [Ano23-38, Ano23-39, Ano23-40, Ano24u, Ano24v, Ano24w, Ano24x, Ano24y, Ano24z, Ano24-27, Ano24-28, Ano24-29, Ano24-30, Ano24-31, Ano24-32, Ano24-33, Ano24-34, Ano24-35, Ano24-36, Ano24-37, Ano24-38, Ano24-39, Ano24-40, Ano25r, Ano25s, Ano25t, Ano25u, Ano25v, Ano25w, Ano25x, Ano25y, Ano25z, Ano25-27, Ano25-28, Ano25-29, Ano25-30, Ano25-31, Ano25-32, Ano25-33, Ano25-34]. **body** [CKF+24, HYM+22, Kuz24b]. **Bohr's** [BGGM23]. **BOLD** [BSC20a, SVHM+21]. **bolster** [TRKB25]. **bone** [GADDVG+24, LZ23, SCD+23]. **Boolean** [AZYF+23, Tha24, ZMKF22]. **booster** [SFK+23]. **boosting** [CCF+20]. **born** [YST21]. **borne** [HBGW+25, TNW21]. **both** [vBW20]. **bottleneck** [NBBR23]. **bound** [AN24]. **boundaries** [WA22]. **boundary** [KMA+21, dGSNK22]. **bounded** [CLF+22, CCSF21, CN20, FZE22]. **Bovine** [SYI20, HCJT23, BGB+21]. **Brain** [GT20, AHS23, AGTJ23, Bar21, FBJR20, FSKG20, GEHL+22, ISC23, dGSNK22, MPA23, MDCK23, RB22, SBSB23, TCH21, ZLZ+25]. **branch** [BBR+21]. **Branching** [TIS25, IS20, LMS21, LZW23, RBG+23, SS23, ZWT24]. **break** [AZYF+23]. **breaking** [WH21, Wu24]. **breakpoint** [HVTA20]. **breaks** [BH24, LR21]. **breast** [BT22, GHB22, GYY+23, PHL+23, SC23a]. **bribery** [FPX20]. **Bridging** [AAF+25]. **broad** [LYE+24]. **broadcast** [BYHH20]. **broader** [MBF21]. **Bronchial** [DLN20]. **broods** [KMA+21]. **brucellosis** [YWWF25]. **Bt** [BB21b]. **bubbles** [Hil23]. **budding** [AMSC20]. **Budget** [EHA+21, MUMS24]. **building** [HPG+24]. **bulk** [HAGADDM24, PLXD+20]. **bulk-surface** [HAGADDM24]. **burden** [FGC24, KBW+23, MBM+25].

burdens [SXL+20]. **bursting** [FVB20]. **butterfly** [LCMW21]. **buzzards** [ABC+21]. **bystander** [ND24].

Ca [CBK+20, KK22a, LYE+24, PO20]. **CA3** [MP22]. **cabbage** [KCW+25]. **caffeine** [BLP20]. **Calcaneus** [SCD+23]. **calcification** [WDA+23]. **Calcium** [DYS+21, RLL25, SL21, SL23]. **Calcium-dependent** [DYS+21]. **calculate** [KHAK21]. **calibration** [LH20, SSK+25]. **Can** [SSK+25, BNP+21, BD21, BW25, Dal22, DCP+22, GBF20, GSC23, HSAH20, IIHH21, LS21, LBF24, MK24, MC20b, NNNHA24, PB22, RCM+25, SPLS+23, SMS20, SSR21, TK25, Wad22, ZMKF22, MGCH21]. **Canada** [AMR+23]. **Cancer** [GBF20, SF23, AMSC20, ATAJS20, Ala23, AABG20, BBDB22, BS21, BT22, BKPT25, BAG+24, BH20, CCH+24, CHMM23, CWL20, CPM21, DMR21, DCS20, EWK20, EB21, FLR23, FBC23, FSC21, GDLF20, GFL23, GYY+23, HPK+20, HKL25, KV23, KKL20, LF25, LBF24, LG23, LS25b, MHI23, Pat22, PHL+23, PAM22, PGC+22, PJB21, PJPH25, RNP+21, SK21, SOKZ22, SXL+20, SC23a, ST20, SAG21, TMC+23, VVD24, WvdDL+21, YJZ+24, YXW21]. **Cancer-induced** [GBF20]. **cancer-stem-cell-driven** [FBC23]. **cancers** [BE22, WSL25]. **Candida** [KRG24]. **capacitive** [YMR24]. **capacity** [BJB+20, CD22]. **capillary** [AG22, CHT22, TCH21, Ter23]. **capture** [KKS23]. **captures** [KHW+22]. **Capturing** [ACMT24]. **CAR** [CF20]. **carbachol** [MP22]. **carbachol-induced** [MP22]. **carbon** [MGZ+21]. **carcinogenesis** [SBW+22b]. **carcinoma** [GHB22]. **cardiac** [DCL23, MCL21]. **care** [KRG24]. **Cargo** [YSK23]. **cargos** [KK22b]. **Carlo** [LGT21]. **cartilage** [MFGACST23]. **Cas** [SSS21]. **cascade** [Han23]. **Case** [CKI20, MC20b, WWR+24, CRDD22, FHM20, GMMR22, GDC+25, GW20, LRST22, NAR+20, RBG+23, TRKB25, AGP+23]. **cases** [KBW+23, LMW21, MEPS22]. **caspase** [MF24]. **caspase-mediated** [MF24]. **castration** [CPM21, VVD24]. **castration-resistant** [CPM21, VVD24]. **catastrophes** [Sch18, Sch21a]. **catastrophic** [Leh21]. **catenin** [CSF20]. **Cathepsin** [PD23]. **Causal** [KP21]. **cause** [GSC23]. **caused** [ABvH+20, BCS+22, TWT23, Xie25]. **causing** [ATP22]. **cautionary** [TRKB25]. **cavity** [CKF+24]. **CD8** [BCK24, LLS+22, WMHV24]. **Cell** [GLLP23, KTU22, KIO+25, MI23, New20, WZP+23, ASK20, AVSTS23, AMSC20, ABB+22, BCK24, BE22, BKZ+22, BKPT25, BC20, BM20, Car23, CBH+22, CBH+23, CF20, CLD21, CLSB23, FLO25, FH23, FBC23, GHB22, GO21, GFL23, HGCC22, HPK+20, HCSAB21, HRD+24, HAGADDM24, HLW24, HSL24, IJROTE22, IHO+20, IYL+25, JS23, JFCK20, JHFMP+21, KPH+24, KJM20, KF20, LGT21, LSWVB24, LSZ21, Lei20, Lei24, LLS+22, LGSR21, LG23, LH20, MCO21, MPC+24, MCP20, PD23, PPFB24, PCLL21, PJVR23, PASO21, PK23, PGC+22, SPLS+23, SGJ+24, ST20, SWVW25, SSKS18, SSKS20, SBW+22b, TCMA21, VG25, VGC22, WH21, WCL+25, WA22, WvdDL+21, WMHV24, WSEK23, WHH22, XZW+24, XZZ+23, YWQX23, YL25, YFZ+20]. **cell-based** [JFCK20]. **cell-cell**

[GHB22, PJVR23]. **Cell-center-based** [MI23]. **cell-cycle** [CBH+22, CBH+23]. **cell-fate** [YFZ+20]. **cell-matrix** [IHO+20]. **cell-niche** [PASO21]. **cell-nutrient** [ABB+22]. **cell-to-cell** [CF20]. **cell-type** [HSL24]. **Cells** [Haj20, AABG20, BLRV21, CWL20, CGG+25, DLSA24, EWK20, FMO23, FVB20, GHB22, HYM+22, IHO21, KV23, KHHI25, KIO+25, KKL20, MF24, MDS25, NSZ+25, PWC+23, PJPH25, RS24, RY22, SK21, SC23a, UIY22, XSH+24]. **Cellular** [LSZ21, XSH+24, BS25, Di 20, DEM+23, FB23, HFD23, HCR20, LSWVB24, LPSMCP23, Osb24, Pru25, TCMA21]. **cellulose** [CLD21]. **center** [MI23]. **central** [BB21a, CRGGSC20, MSM23]. **central-place** [MSM23]. **cerebral** [CHT22, TCH21, Ter23, TH25]. **Cerebrospinal** [YTW21]. **cerevisiae** [San21]. **cervical** [CWL20]. **Chad** [EHP+21]. **chain** [ACP20, DHC25, FPGC21, GCC20, SSS21, SLCC22]. **challenges** [HH20]. **Change** [KPP20, DMPIG24, MGFS+20, RT24b]. **changes** [APR+22b, CD22, CRG+23, DWNW24, Ter23, Wor20]. **changing** [AWC25, Kau23, MY20]. **Channel** [EE25, DCL23, JHFMP+21, RLL25]. **channels** [LYE+24]. **Chaos** [FNGJ21, Kan21, YG25]. **chaperones** [GCNZ+21]. **characterises** [KGP+22]. **characterising** [OGD+20]. **characteristics** [HPSA21, HPSA23]. **characterization** [MDCK23, SVVPPR+24]. **Chargaff** [For24]. **chattering** [BAU+22]. **cheap** [CS22]. **Check** [GHF22, ZMKF22]. **checkpoint** [SF23, TKRA20, XZZ+23, vdVPW+22]. **chemical** [KJV20, PPGB20]. **chemicals** [OYT25]. **chemo** [WCZL25]. **chemo-switch** [WCZL25]. **chemoimmunotherapy** [KV23]. **chemoinformatic** [OSAR21]. **chemomechanical** [Xie20]. **chemoresistance** [WvdDL+21]. **chemostat** [CG21]. **chemotactic** [VKS+20]. **Chemotaxis** [Pro24, FH23, GDd+21, TML20]. **chemotherapeutic** [MPA23]. **chemotherapies** [HPK+20]. **chemotherapy** [AVSTS23, LF25, PV24, WCZL25]. **chickens** [XYK+20]. **childhood** [ASL+24]. **children** [AGTJ23, Pag25]. **China** [APR+22b, BGM22, CZN+21, LMW21, RLW+21, SXL+20, XDT+20, ZZ22, ZXLH23, ZWW22]. **Chinese** [YSP+23]. **chip** [BAG+24]. **Chlamydia** [AMA20]. **chloride** [UIY22]. **chlorophyll** [SC21]. **Choice** [RGBD25, WMO23, AZYF+23, BCBP25, EBA21, EWS23, NGKB21, San21]. **cholera** [GDC+25, TTBL21]. **chondrocyte** [CNK24]. **choose** [ZMKF22]. **chorus** [AKHM23]. **Christmas** [Hil23]. **chromatin** [FZE22, MB22]. **chromatin-mediated** [MB22]. **chronic** [CWR21, DOF25, DEM+23, XML22]. **cicada** [KMA+21]. **cilia** [PTK+24]. **circadian** [ACD20, ADP21, BCK24, DB22b, GK20, GMS20, HLS+25, KMI23, KTU22, ZG21]. **circle** [TH21]. **circuit** [KK22a]. **circular** [ACMT24, GW21]. **Circulating** [TDRC23, CGG+25]. **circulation** [BAJ+21, Han23]. **citrus** [ILGI20]. **class** [Lio18, Lio24, San21]. **class-structured** [Lio18, Lio24]. **classification** [BKP23, EE25, HXK+20, YWWF25]. **clearance** [BJB+20, Swe20]. **climate** [JAW25, WXS25]. **climate-sensitive** [JAW25]. **climates** [AWC25]. **climatic**

[APR+22a]. **climbing** [Sac22]. **clinical** [DHC25, Han23, PGC+22]. **clock** [ACD20, ADP21, GMS20, HLS+25, RK22b]. **clonal** [BV24, PASO21]. **clones** [BC20]. **closed** [IHG21, YWTC25]. **closed-loop** [YWTC25]. **Closing** [FG21]. **clot** [Gre25]. **club** [VB21]. **cluster** [VGC22]. **clustered** [dDA21]. **clustering** [FH23, LCYD23, SL24, YG25]. **clusters** [EP20]. **Co** [BW25, KHBS20, MGZ+21, PAV21, GDd+21, KT20b, Ost23]. **Co-adaptive** [PAV21]. **Co-evolution** [BW25, KHBS20]. **co-evolutionary** [KT20b]. **Co-inoculation** [MGZ+21]. **co-option** [GDd+21]. **coagulation** [IB21, SSKP24]. **coalescent** [CLF+22, KLC24, RK22b]. **coconut** [CGY+23]. **code** [Di 21, LLJ25, RP21b]. **codes** [GW21, PMCLC+23]. **coding** [FSNS20, GW21]. **codon** [San21]. **coefficients** [SC23b]. **Coevolution** [BG21, AL23]. **Coevolutionary** [ABvH+20, KRSG24, MWO21]. **coevolving** [BA24]. **Coexistence** [YST21, BP20, Cai22, DTLS24, ES20, GZ24, MMG21, PMD21]. **cognitive** [Par22, VA22, Wal20]. **cognitive-evolutionary** [VA22]. **coherent** [Wad22]. **cohort** [ATH+24, KBD+23]. **coincidence** [BFD25]. **coinfection** [LMG22, ND24]. **coli** [BF20, VKS+20, YRMWT20]. **collagen** [BC21]. **collagen-based** [BC21]. **collapse** [BB25, ZM20]. **collaterals** [RKCvB25]. **collect** [HZS+21]. **collective** [BEBA20, FLO25, KF20, RKP20, Vol24]. **Colombia** [VMRSL23]. **colonies** [GCA+20, HDM20, MHI23]. **Colonization** [WPEP22, Cai22, LNT23]. **colony** [GTGB21, HDM20, KGP+22, LSWVB24, ZM20]. **colony-level** [HDM20]. **Color** [RG21]. **colorectal** [HKL25, TMC+23]. **colored** [YFZ+20, YM23]. **columns** [Ost23]. **combination** [ATH+24, BCGG21, CWL20, LBF24, SBM+20]. **combinatorial** [SHK20]. **combinatorics** [GPDW20]. **Combined** [HIA+22, BFG21, FPS24, GCNZ+21, RMS+25, SLML20, ZZGG21]. **Combining** [BB21b, LF25]. **commensal** [ATP22]. **commensalisms** [SLCC22]. **Comment** [RB22, For25]. **commitment** [LPD23, Qui20]. **Common** [Di 20, RP21b, FBA21, SdAM24, Sin21]. **common-pool** [FBA21]. **commons** [KHST21]. **communication** [GGG21, XSH+24]. **communities** [BSC20b, CCA20, Cor21, Cor22, FGES24, FBD23, LW20, NV22, RK22a, Sin21]. **community** [CPEK23, MDF21, SYH20, SCH24, Wor20]. **Comparative** [LML24, PZ20]. **compared** [FBA21, SWK+20]. **Comparing** [GTGB21]. **Comparison** [Mit20, SH21, AJR+20, BPM+22, HD22, Jac25, KHB+22, LDaH22, ZBT22]. **Compartment** [FBMG25, AZdV+22]. **compartmentalization** [BNPL20]. **compartments** [GGSTS21]. **compensate** [MGCH21]. **compensatory** [KHW+22]. **Competition** [BCGG21, KM22, SS21, BHW+20, CWR21, HZM+21, JME24, KHST21, Kuz24a, MMG21, MY20, NNG20, PPFB24, WDH+20, WK25, Cai22, CLJ+23]. **Competitive** [CCA20, ECBR20, WSC+22, ASF22, Gav25, RK22a]. **competitors** [GQG23]. **completing** [ZYLW21]. **complex** [ASF22, BD22, CLM+25, DEM+23, MLG21, MSB24, TMTK22, YDS24, ZF21].

complexities [BRN+22]. **complexity** [GPDW20, RR24]. **compliance** [ABOR20, For24]. **component** [KHBS20]. **components** [LPP+25, ORW+20]. **composed** [BKZ+22]. **composition** [OLF+24, UIY22, Wor20]. **compositional** [ZX22]. **compositions** [KJV20, YJZ+24]. **compounds** [IHS25]. **comprehensive** [BJJM25, KR22]. **compressible** [LGBG23]. **compressive** [DH22]. **Computation** [DMAC21, Akh22, Akh23, CSHH20, LZW23]. **Computational** [BSC20a, BAG+24, EPF20, KLLL22, MFGACST23, ASK20, Avv23, BSS+20, Car23, CWT+23, EP20, GBF20, HS20, HGZM25, HLS+25, KKS23, NMC+21, OKT+21, RKCvB25, SKS21, WBS20]. **compute** [Wad22]. **concentration** [KK22b]. **concept** [SCD+23]. **conceptual** [ZWC+22]. **concern** [CWT+23, CSDH+25]. **concerns** [SUA+20]. **Conclusions** [DN22]. **condition** [BSV+24, SLCC22]. **conditional** [Qui20]. **conditioned** [MGVS21]. **Conditioning** [CLF+22]. **Conditions** [MMI21, NO25, SSR21, AZdV+22, BW24, CLSB23, DMAC21, Kuz24c, dGSNK22, LL21]. **cones** [ABK24]. **configuration** [SWVW25, YdKdJ+20]. **conflict** [CT22, GCX+20]. **conformation** [ZLYL20]. **Conformity** [LDF23]. **conjugation** [AZdV+22]. **Connectance** [Bau20]. **connected** [Car23, LPP+25]. **Connectivity** [NNNHA24, RNP+25]. **Connectome** [GT20, FSKG20, RB22]. **connexins** [XSH+24]. **consciousness** [RBW20, RSPB+22, Ste21a]. **consensus** [PP22]. **consequences** [GGSTS21, Leh21, NM23, YJBF20]. **Conservation** [Wor20, ACMT24, Tsu21]. **conserved** [GHA+20]. **consideration** [AN24, NVS20]. **considering** [BGA21, SGJ+24]. **Consistency** [BK20a]. **consolidation** [ASL+24, MB24]. **constant** [AN24, BBR+21]. **constrained** [Ros21]. **constraint** [CP23, LB20]. **constraint-based** [LB20]. **constraints** [BK20b, FSNS20]. **constricted** [Don23]. **constructing** [PZG20]. **construction** [KPR20]. **consumer** [MRK24, Wor20]. **consumer-resource** [MRK24, Wor20]. **consumption** [GBRM21]. **Contact** [AHEB+22, KvLBD25, AH25, BGM22, GHB22, YSK23]. **contact-network** [AH25]. **contacts** [ZWT24]. **contagious** [GJCLMQC20]. **containment** [BK21]. **contaminated** [CZN+21]. **contamination** [KHAK21]. **contemporary** [Hon20]. **content** [ACP20, BRBF20]. **contest** [MGCH21]. **context** [CCPD22, MBF21]. **continuous** [CCH+24, DSB+21, JCC20, LMB22, OTI+20, SKNvRL23]. **continuously** [AG22]. **continuum** [ACF22, BCC+21, FSC21, GTGB21, GF23, MY20, SBB+22]. **contraction** [Avv23, SdB23, SL21]. **contrastive** [WSL25]. **contributes** [PZJPZ23]. **contribution** [HPGF25, PL20]. **Control** [PTZ21, YZSS20, AHW21, ATH+24, AJR+20, APL21, BAU+22, BGB+21, BCS+22, CGY+23, CGW22, CS21, CR20, FPGC21, FSK21, HCSAB21, IMM24, JTB25, KHW+22, KYI21, KRG24, Leh22, LZL+25, LTB25, MB21, MSL23, MCM20, MB22, NVS20, Ngo22, NDB20, PBP23, RSPB+22, Sal25, SMJ20, SJS+25, SCD+23, SUA+20, TTBL21, TNW21, VMRSL23, ZRL+21, ZBT22]. **controlled** [TAP+23]. **controller** [GFN23]. **controlling** [CPMF+22, ZZB+21]. **controls**

[AGP+21, ACD20, ASMN23, SBM+20, TDRC23, YCKK24]. **Convergence** [MPA24]. **conversion** [PGP23]. **convolutional** [WDT+20]. **Cooperation** [SSBG20, BRS24, CKB+21, CSVB25, CS22, EBA21, KL21a, KCO25, Kro25, Kur21, LL21, ML24, PHN+23, SdAM24, YTG24]. **Cooperative** [BSC20b, Gre25, NCL20, RP21a, FZE22]. **cooperativity** [NWVN20]. **coordinate** [DAB+23]. **coordinated** [HBG21, KCO25]. **Coordination** [WCD21, FLO25]. **coral** [DCP+22, HPG+24, KGP+22, RCM+25, ZYF25]. **coral-dwelling** [DCP+22]. **Corallium** [KGP+22]. **corals** [WDA+23]. **cord** [LSZ21]. **core** [BAG+24, KBS+19, KBS+20, KB22, YST21]. **core-shell** [KBS+19, KBS+20, KB22]. **corneal** [HCJT23]. **coronavirus** [YY21, Yin21, OIK+24]. **correction** [DPR21]. **correlated** [BS22b, YM23]. **correlation** [LCYD23, TK25]. **correlations** [PR21, vBBB+25]. **Corrigendum** [CBH+23, Cor22, D'A20a, GHS20, HPSA23, JCLS+21, KBS+20, Lei24, Lio24, LK25a, PP24, Sch21a, Sch23, WLW20, Xie22]. **cortex** [HGZM25, Ost23]. **Cortical** [LRAP22, CGK23, CRGGSC20, SCD+23]. **Cost** [CPHL+20, FHM20, KT20a, ASF22, KRG24, LB20, OGM+25, PPS+21, WM21b]. **cost-effectiveness** [KRG24, OGM+25]. **Cost-efficiency** [KT20a]. **Costly** [Mur25]. **costs** [CK20b, GFAP+25, KC22, KC24]. **could** [BC20]. **count** [GYY+23, SMM24]. **Counterintuitive** [NKE23]. **countermeasure** [SSS21]. **Counting** [SS23]. **countries** [KRSSH21, LZZ+23]. **counts** [ABBP21, HRD+24]. **County** [REK20]. **Coupled** [KB22, MG21, SZR+25, ABB+22, BGGM23, IH23, JAB22, MCMdAM24, MB24, PZXC22, PLXD+20, Sak22a, YMR24]. **Coupling** [TTBL21, BSC20a, CGK23, PZXC22, SL21, SHY21, SA25, DO21, YI21]. **couplings** [Xie20]. **courtship** [CK20b]. **CoV** [ACF22, BLRV21, BFSA23, CWF23, CLJ+23, CPEK23, CWT+23, CSH+25, GFV+23, GFC+22, Hil23, JMWX23, KvLBD25, KRSSH21, Kee23, KBD+23, LRST22, NSZ+25, PD23, PWC+23, PDD24, Roy21, TAP+23, WUH23, WHRH+23, XCFH23, YY21, Yin21, dCC+23]. **covariation** [HGD+25]. **COVID** [AGP+21, AGP+23, APF+24, ASS+23, AMR+23, BW24, BK21, BGM22, BDdG22, CS21, CSDH+25, DAB+23, DTS21, DPR21, DJ22, ECH+23, FPGOCP+25, GSW+23, GGSTS21, HPGF25, JKH+23, KPA+21, KBW+23, LPLM25, LMS21, LZZ+23, LMW21, MEPS22, NGKB21, PRJ+20, REK20, STCSC+21, SFK+23, SRDC21, SXJ20, Täu20, TNHV21, TWT23, YTY+20, YLT22, ZQHN24, ZZT+21, ZWC+22, ZWW22, dIMM24, dCC+23]. **COVID-19** [AGP+21, AGP+23, APF+24, ASS+23, AMR+23, BK21, BGM22, BDdG22, CS21, CSDH+25, DAB+23, DTS21, DPR21, DJ22, ECH+23, FPGOCP+25, GSW+23, GGSTS21, HPGF25, JKH+23, KPA+21, KBW+23, LPLM25, LMS21, LZZ+23, LMW21, MEPS22, NGKB21, PRJ+20, REK20, STCSC+21, SFK+23, SRDC21, SXJ20, Täu20, TNHV21, TWT23, YTY+20, YLT22, ZQHN24, ZZT+21, ZWC+22, ZWW22, dIMM24, dCC+23]. **cows** [HRD+24]. **Crabtree** [SKS21]. **CRAC** [LYE+24]. **CRAC-mediated** [LYE+24]. **cracking** [HH21]. **creole** [NO25]. **Crick** [LLJ25]. **CRISPR** [SSS21]. **CRISPR-Cas** [SSS21]. **criteria** [TAP+23, VB21]. **Critical**

[GSR23, HLW24, IYL+25]. **crops** [BSJ20, BB21b]. **Cross** [HL20, FG23, SHY21, Wu24, YAN21, YSP+23]. **cross-immunity** [FG23]. **Cross-inhibition** [HL20]. **cross-propagation** [YSP+23]. **cross-sectional** [YAN21]. **crossing** [RKP20]. **Crosstalk** [GMS20, SMS20]. **crowders** [Xie24]. **crown** [dAPdBMTS20]. **Crozier** [Sco24]. **CRPC** [VVD24]. **cruise** [MBHG+24]. **CSF** [SF23]. **CSF-1** [SF23]. **CT** [BAJ+21]. **cube** [Kuz24b]. **cues** [BH23, MLG21]. **Cultural** [Whi20]. **culture** [KYHN23, OTI+20]. **curbing** [LZZ+23]. **cure** [MSK+22]. **current** [AJR+20, KP21]. **currents** [JHFMP+21, SHY21]. **curvature** [HCSAB21, LZ23]. **curve** [DRO23, KYHN23]. **curved** [HH21]. **Cusp** [DBS23]. **cyanobacteria** [KTU22]. **cycle** [ASSL22, ASK20, AGBLGA+22, CBH+22, CBH+23, DRO23, FHR22, IYY22, KCW+25, PBD+20, SBW+22b, WSEK23, YYI21]. **cycles** [HSAH20, MK21]. **cyclic** [BP20, BEO+22, CBH+22, CBH+23, CBPG23, FET+24, NKE23]. **cyclical** [ZF21]. **cycling** [YST21]. **cylindrical** [YSK23]. **cyst** [EBK21]. **cytokine** [PJVR23]. **cytoplasmic** [LHG+22]. **cytoskeleton** [MDS25]. **cytosolic** [LYE+24]. **cytotoxic** [HIA+22].

D [Gar23, ABB+22, BMB+21, FSC21, GF23, MPTCT+20, MMS+23, RBG+23, SRB+24, YG25]. **daily** [DF22]. **dairy** [HRD+24]. **Daisyworld** [MC22]. **damage** [FK21]. **damicornis** [HPG+24]. **dark** [FFNG+21, MK24]. **Darwin** [CGS+25]. **Darwinian** [BH20, NBBR23]. **Data** [AGP+23, ASL+24, BLP20, CF20, PHL+23, Sim25, BNP+21, BMB+21, DF22, DO21, GWZ+22, GMR+24, GYY+23, GMV+20, HKL25, HRD+24, KvLBD25, LGT21, LPP+25, LTB25, MGVS21, MEPS22, RZRS+22, SKNvRL23, SMM24, SXJ20, YAN21]. **Data-based** [PHL+23]. **Data-driven** [AGP+23, ASL+24, BLP20, CF20, GWZ+22, HKL25, LTB25, RZRS+22]. **Data-informed** [Sim25]. **datasets** [ZQHN24]. **date** [CLF+22]. **dawn** [MB21]. **dead** [SKNvRL23]. **death** [LT23, LSZ21, PLM24, SHK20]. **decay** [DHC25, ECBR20, SGM+25]. **deceased** [HL21]. **December** [Ano20o, Ano20c, Ano21o, Ano21c, Ano22n, Ano22c, Ano24k]. **decentralized** [Pro24]. **deception** [QHS23]. **Deciphering** [CGG+25, MLK21]. **decision** [Bai21, BBDB22, HLW24, JCC20, PP22, VKS+20]. **decision-making** [JCC20, PP22]. **decisions** [AJR+20, MSM23, OIK+24]. **decline** [BCS+22]. **Decoding** [LS25b, RG21]. **Decomposing** [ZQHN24]. **decomposition** [dAPdBMTS20]. **decreased** [KHHI25, PD23]. **dedifferentiation** [FB23]. **Deep** [MDCK23, LFZ+24, WDT+20, YCKK24]. **deeper** [Pie21]. **deer** [XML22]. **defection** [Mur25]. **defects** [CNK24]. **defense** [IHS25, PPS+21]. **deformable** [ZLZ+25]. **deformation** [MI23, Tsu20]. **degeneration** [PLSS24a, PLSS24b]. **degraders** [JME24]. **degree** [WDA+23]. **Delay** [CSF20, BJB+20, FPGOCP+25, HKL25, Tak24]. **Delay-driven** [CSF20]. **Delayed** [ES24, YST21]. **delays** [BLRV21, BCGG21, FBMG25, GC20, MSLW23]. **deleterious** [AL23, Sak22b]. **deletion** [HD22]. **delineating** [YJZ+24]. **delivery**

[ASP23, Ala23, BKZ+22, FFGR25, GGS+24]. **delta** [CWT+23]. **dementia** [HD24]. **demes** [Kro25]. **demographic** [APR+22b, BJR+22, BPS25]. **demography** [Hen20]. **dendritic** [EWS23, Ros22, XZZ+23]. **dengue** [CAARG21, GW20, RY22, VCS24]. **Denise** [CSW24]. **Density** [EHA+21, vBW20, EP20, GJDS20, GSC23]. **density-area** [GSC23]. **density-dependent** [EP20]. **dependence** [BKP23, GB23, IKYW21, KHHI25, RWHK21, vBW20]. **dependency** [Kuz24b]. **dependent** [ABK24, BH24, CWL20, DCL23, DYS+21, EP20, EHA+21, FBMG25, GJDS20, KT20a, LRAP22, LR21, LWM23, NCL20, OLF+24, RS24, SD20, SBC+20, SS21, WSW21, WXS25, WSY21]. **depends** [IHO21]. **depolarization** [CGK23, Car23, WM21b]. **depolymerization** [YL25]. **deposited** [BH23]. **deposition** [CLD21, HMS21, Kuz24a]. **depression** [CRGGSC20, Sak20, Sak22a]. **deprivation** [PBB20]. **depth** [LRAP22, RLB25]. **depth-dependent** [LRAP22]. **deregulated** [JS23]. **derived** [POS21]. **deriving** [Ros21]. **dermatitis** [PJVR23]. **described** [PLAC22]. **describing** [AABG20, BRBF20, DSM+23, PP20, PP24]. **description** [CK20a, Han23]. **descriptions** [SBB+22]. **descriptors** [MPTCT+20]. **Design** [PRJ+20, SGM+25, Ala23, BCLJ24, BH20, LTS+21, MBT22, TRKB25]. **Designing** [CLSB23, SBM+20]. **Destabilization** [PS22a]. **destabilizes** [CSVB25]. **destabilizing** [BYHH20]. **destination** [SKNvRL22]. **destruction** [DRK23]. **detachment** [SK23]. **detailed** [DN22]. **detectability** [Mur25]. **detecting** [CRG+23]. **detection** [BH24, MBM+25, PCR23, PTK+24, RMSS24, Täu20, Wad22, vdBMB+23, BDB25]. **determinant** [AM22, CWW22, MMI21, MMI22]. **Determinants** [HPWvdB20]. **determine** [MBT22]. **determined** [FMO23, Kuz24a]. **determines** [LZZ20, PMD21]. **determining** [BB21a, dAPdBMTS20]. **Deterministic** [JHFMP+21]. **deterministically** [MY20]. **develop** [MGCH21]. **Developing** [GDC+25, KV23]. **Development** [BBB+25, KKS23, LR21, AML+22, CSP21, DSM+23, DNK+24, GJCLMQC20, IYY22, JA23, Kuz24c, Osb24, Ost23, PV24, Pru25, SS22]. **Developmental** [BPM+22, WCD21]. **device** [BAG+24]. **diabetes** [DNK+24, SF24b, Swe20]. **diabetic** [SF24b]. **diagnostic** [VGTY21]. **diameter** [RKCvB25]. **diameters** [Ter23]. **diamond** [ASMN23]. **diamond-shaped** [ASMN23]. **Diarrhea** [BGB+21]. **dictates** [RMG+21]. **did** [KI21]. **diel** [BEBA20]. **diet** [Swe20, VTDM21]. **diet-linked** [VTDM21]. **difference** [HHT25]. **differences** [BLRV21, LB25, SL23, WHH22]. **different** [Car23, CMLM23, CSH+25, GCM23, HXS21, KSSM20, TG22]. **Differential** [BGM22, CSP21, DSB+21, HKL25, HH20, JCLS+11, JCLS+21, LCYD23, MMS+23, RMS+25, SMM24, TP24, VGC22]. **differentiating** [BC20, FBC23]. **differentiation** [CN21, Haj20, New20, SAG21, SS22]. **differing** [LZ23, MGZ+21, SPLS+23]. **diffuse** [PGC+22]. **diffuse-interface** [PGC+22]. **Diffusion** [BS22a, BNP+21, CGW22, EIK+21, GWZ+22, GJDS20, ISC23, JMD20, KG22, KGP+22, KBS+19, KBS+20, KB22, MTB24,

MDCK23, PLXD+20, PLAC22, Sch18, Sch21a]. **diffusive** [GDd+21]. **diffusivity** [Kuz24c]. **digestion** [Avv23]. **digital** [HIA+22]. **dilemma** [FS24, KT20b, KL21a, MMI22, WLW19, WLW20]. **dilemmas** [CSVB25, CS22, FPX20, ML24]. **dimension** [LPSMCP23]. **Dimensional** [AFTF22, ABBP21, BRN+22, BC21, EP20, FET+24, MI23, WHH22, YL25]. **dimensionality** [PMD21, WK25]. **dimensions** [HAGADDM24]. **dimerisation** [WRB22]. **dimorphism** [YYI21]. **dinosaurs** [KI21]. **dip** [HZS+21]. **Dipole** [ZPP23]. **Dipole-** [ZPP23]. **direct** [Goy21, IYY22, KHB+22, KP21]. **directed** [WA22]. **directional** [JMD20, ORW+20]. **disadvantage** [MGCH21]. **discharge** [SCHH20]. **Disclaimer** [KCS20]. **discontinuation** [HHI24]. **discount** [TATT21]. **discourages** [MW20]. **Discovering** [WXS25]. **discovery** [LMC+20]. **Discrete** [KPH+24, ACF22, LHG+22, LTS+21, MC20b]. **discrete-continuum** [ACF22]. **Discrete-state** [KPH+24]. **discretisation** [RGBD25, WMO23]. **discrimination** [RG21]. **Disease** [dDA21, AHEB+22, AH25, CPHL+20, CRG+23, DHR25, DEM+23, EHP+21, FGC24, GSR23, GCA+20, HPSA21, HPSA23, HHT25, IMM24, JKSD23, KHW+22, LX21, LWM23, LLZ+22, MBHG+24, OGM+25, OIK+24, PGP23, RNP+25, RCM+25, RGBD25, RLW+21, SYI20, SXL+20, SL22, SA25, SY24, SOGK+23, SYH20, SCH24, TT20, TATT21, WXS25, XML22, YDS24, ZWT24]. **diseases** [AN22a, GBHNHVL23, GJCLMQC20, HI20, KT20a, KPH+24, KHB+22, MD22, MN23, TNW21, YFF25]. **Disentangling** [KYHN23, LMG22]. **disorder** [DB22b, HBK+20]. **disorders** [YTH+21]. **disparate** [SK21]. **Dispersal** [RT24b, AR20, BERR20, FPS24, POW23, ZYF25]. **dispersal-induced** [AR20]. **dispersed** [D'A20a, D'A20b]. **dispersing** [ZZB+21]. **dispersion** [NO24]. **displacement** [LMLP20, TH21]. **displays** [LPD23, SBJR21]. **disposable** [RR24]. **disruptive** [ORW+20]. **dissemination** [LX21]. **dissipative** [LFY+24, WFL+24]. **dissociation** [AN24]. **distance** [COB23]. **distances** [PZXC22]. **distancing** [BD21, CS20, CS21, CC22, GGSTS21, LPLM25]. **distinct** [DB22a, Mit20]. **Distinguishing** [SSM+22]. **distorted** [IS20]. **distorting** [JTB25]. **distributed** [AG22, ISC23, SD22, YDS24]. **distribution** [APR+22a, Coh20, D'A20a, D'A20b, DHC25, GMV+20, HI21, KJV20, MGVS21, MK24, MMS+23, RK22a, KC24]. **Distributions** [CKTW24, ABC+21, FVC20, GMR+24, HTD22, KG23, PZ20, PLM24, PTZ21, SSR21]. **disturbance** [HDM20, PRHS20]. **disturbance-prone** [PRHS20]. **disturbances** [Bau20, BGA21, GSMG22]. **divergence** [BBR+21, HGF23, Pie21, PLR24]. **diverse** [RWHK21]. **diversification** [Nak25, QVE25, RID23]. **diversifies** [PJB21]. **diversity** [ACMT24, FOY21, Kau23, MSB24, PB22, SYH20, TGC22, TIS25, Whi20]. **division** [KTU22, LSZ21, XZW+24, Yam24, YWQX23]. **dMMR** [HKL25]. **DNA** [CBH+23, ABC25, BH24, CBH+22, CK20a, DKSP24, FK21, Goy21, IB21, LAP24, RP21b, Van20, YG25]. **DNA-structured** [CBH+23, CBH+22].

Do
[BBR+21, AS21, EBA21, HPSA21, HPSA23, LSW20, MTB24, SKNvRL22]. **Does** [Jam21, HD25, LDL+24]. **DOM** [OTI+20]. **domain** [BSV+24, WHH22]. **domains** [Di 20, EP20]. **domestication** [ASF22]. **Dominance** [HPD20, BP20, CCA20, CBPG23, OU22, Ost23, PASO21]. **dominant** [GC20]. **dopamine** [ZSL23]. **dormancy** [BKPT25, MSLW23]. **dose** [BCBP25, CLLL20, CWL20, CKM+20, Wal20, XCFH23]. **dose-dependent** [CWL20]. **dose-response** [CKM+20, Wal20, XCFH23]. **double** [AZYF+23, BH24, YMR24]. **double-strand** [AZYF+23]. **double-stranded** [BH24]. **Doubling** [AN22a]. **Dove** [HPD20, KC22]. **down** [SMJ20]. **downshift** [LS21]. **Downstream** [SLCC22]. **Drafting** [ETTT24]. **drift** [LSZ21]. **drive** [DWNW24, LMG22]. **driven** [AGP+23, ASL+24, BGC+20, BLP20, CSF20, CF20, FBC23, GWZ+22, GZM+20, HKL25, LPA25, LFJ21, LTB25, OYT25, PRFSHV20, RZRS+22, WM21a, YHT24, YTW21, YM23]. **drivers** [FLR+21, PWC+23, XDZ+21]. **drives** [FBD23, ON24]. **driving** [LSZ21]. **drop** [ETTT24]. **Drosophila** [JA23, YBF23]. **drug** [Ala23, BKZ+22, BCGG21, BV24, DHC25, DMR21, GDLF20, HGCC22, HII22, HHI24, MPA23, MS20, PV24, PJPH25, SLML20, SF24b, YHT24]. **drug-resistant** [PJPH25]. **drug-sensitive** [PJPH25]. **drug-targets** [HGCC22]. **drugs** [RNP+21, UV23]. **dsRNA** [SBC+20]. **Dual** [CBK+20, SY25, SWVW25, YTG24]. **dual-configuration** [SWVW25]. **duct** [HI21]. **ductal** [WCZL25]. **due** [AMR+23, Avv21, BB25, DMR21, FH23, HH21, KHHI25, MMG21, MMK+24, NNG20, SLML20]. **Duffing** [MUMS24]. **dung** [BFG21, YZB20]. **duodenal** [Avv21]. **duodenogastric** [Avv21]. **durability** [KT21]. **duration** [ACD20, PBB20]. **during** [AGP+23, ASF22, APF+24, AGBLGA+22, BP23, BCGG21, CNK24, FRMK22, GRW+21, IHO+20, JD21, JA23, JKH+23, MSM23, MDG24, Nak25, NNOBS23, ND24, OIK+24, STCSC+21, SdB23, SF24a, SS22, SCH24, SXJ20, TEWN21, TWT23, VGC22, ZWC+22]. **dwelling** [DCP+22]. **Dynamic** [AML+22, GT22, SYI20, AW22, BD22, ELRG21, FSKG21, GO21, KV23, LB20, MH22b, NGKB21, ORT24, SHH20, HZS+21]. **Dynamical** [CMRMC+21, IKYW21, AKHM23, FNGJ21, JWKA21, NWVN20, YHT24, YJBF20, ZWW22]. **Dynamics** [BM20, D'A20b, GCNZ+21, GCA+20, HSL24, Koc20, MCL21, MHPB23, PPS+21, SFYL20, SHK20, SD25, TKR+21, WSY21, Xie21, Xie22, ZYF25, AVSTS23, AGP+21, AR20, AMA20, ATAJS20, ATH+24, ABB+22, APF+24, AKUN20, ATP22, AM22, AR21, AHEB+22, BCC+21, BW24, BE22, BS21, BYHH20, BRAHV25, BK21, Bol22, BGGM23, BGA21, CD22, CAARG21, CBZK21, CLM+25, CWW22, CFH+25, CKB+21, DDDMT22, DKSP24, DBW22, EBK21, FG22, FBA21, FBMG25, FFNG+21, FSKG20, FPS24, FRMK22, GJDS20, GRPG24, GDC+25, GBHNHVL23, GK21, Gre25, GMS20, GDQR23, HPK+20, HC24, HGD+25, HYM+22, HBGV+21, HBGW+25, HL21, IH23, KPA+21, KHW+22, KBD+23, KM22, LS21, LMG22, LNT23, LHG+22, LK20, LZZ20, LX21, LMC21, LWM23,

LFT+23, LFY+24, LS25b, MP22, MLK21, MUMS24, MSB24, MDG24, MCM20, MSK+22, MTLZ22, MM22, MG21, MEBNZ24]. **dynamics** [MC20b, MWO21, NCL20, NWP+24, PR21, POS21, PABS23, PO20, PK23, QWZK24, RB22, Rev25, RDDSA25, RBG+23, RLB25, RLL25, SPLS+23, SK21, STB20, SF24a, SSX+22, ST20, Sin21, SA25, SS21, SH21, SZR+25, SBW+22b, TMTK22, TEWN21, TGC22, TT24, TK25, UV23, VGTY21, VP22, Wal20, WFL+24, WRB22, WDH+20, WK25, Xie24, XKV20, YTG24, YSP+23, YM23, ZWWW23, dDA21, D'A20a].

E2F [LMA21, LS25b]. **E2F/Myc** [LS25b]. **Early** [BDB25, APF+24, ASL+24, CSP21, GTE20, GZGH22, JLK22, KGP+22, NSD22, PB21, RG21, Sak20, Sak22a, Sak22b, SJNRS20, SD22, VGC22, YTY+20, vdBMB+23]. **early-** [Sak20, Sak22b]. **early-acting** [Sak22a]. **earth** [RBD+20]. **eating** [DMPIG24]. **Ebola** [BPP+20]. **Eccentricity** [SCD+23]. **eclipse** [KBD+23, PWC+23]. **Eco** [CKB+21, CBPG23, PABS23, CN20, CN21, GRPG24, POS21, TT24, WK25]. **Eco-evolutionary** [CKB+21, CBPG23, PABS23, CN20, CN21, GRPG24, POS21, TT24, WK25]. **Ecological** [GSC23, Leh21, BB25, Bol22, EWS23, FVC20, JAB22, NV22, PPGB20, PLR24, SCH24, SH21, Tak24]. **ecology** [FFNG+21, SAG21, WNHK21]. **ecosystem** [ACP20, BGA21, MBT22, PAV21, QWZK24]. **ecosystems** [BvdG20, ES20, FGES24, SMJ20, XDZ+21, ZSS+22]. **edge** [PLSS24a, PLSS24b, SSR21]. **editing** [NV22]. **editor** [PMCLC+23]. **Editorial** [Ano20y, Ano20z, Ano20-27, Ano20-28, Ano20-29, Ano20-30, Ano20-31, Ano20-32, Ano20-33, Ano20-34, Ano20-35, Ano20-36, Ano20-37, Ano20-38, Ano20-39, Ano20-40, Ano20-41, Ano20-42, Ano20-43, Ano20-44, Ano20-45, Ano20-46, Ano20-47, Ano20-48, Ano21y, Ano21z, Ano21-27, Ano21-28, Ano21-29, Ano21-30, Ano21-31, Ano21-32, Ano21-33, Ano21-34, Ano21-35, Ano21-36, Ano21-37, Ano21-38, Ano21-39, Ano21-40, Ano21-41, Ano21-42, Ano21-43, Ano21-44, Ano21-45, Ano21-46, Ano21-47, Ano21-48, Ano22x, Ano22y, Ano22z, Ano22-27, Ano22-28, Ano22-29, Ano22-30, Ano22-31, Ano22-32, Ano22-33, Ano22-34, Ano22-35, Ano22-36, Ano22-37, Ano22-38, Ano22-39, Ano22-40, Ano22-41, Ano22-42, Ano22-43, Ano22-44, Ano22-45, Ano22-46, Ano23u, Ano23v, Ano23w, Ano23x, Ano23y, Ano23z, Ano23-27, Ano23-28, Ano23-29, Ano23-30, Ano23-31, Ano23-32, Ano23-33, Ano23-34, Ano23-35, Ano23-36, Ano23-37]. **Editorial** [Ano23-38, Ano23-39, Ano23-40, Ano24u, Ano24v, Ano24w, Ano24x, Ano24y, Ano24z, Ano24-27, Ano24-28, Ano24-29, Ano24-30, Ano24-31, Ano24-32, Ano24-33, Ano24-34, Ano24-35, Ano24-36, Ano24-37, Ano24-38, Ano24-39, Ano24-40, Ano25r, Ano25s, Ano25t, Ano25u, Ano25v, Ano25w, Ano25x, Ano25y, Ano25z, Ano25-27, Ano25-28, Ano25-29, Ano25-30, Ano25-31, Ano25-32, Ano25-33, Ano25-34, CKI20]. **educational** [Hon20]. **EEG** [RNP+25]. **Effect**

[AAL+21, Bai21, EE23, HFD23, Kau23, Kur21, KH24, WvdDL+21, Xie24, YS25, ZX22, AHS23, AHEB+22, BP20, BS21, BT22, BCBP25, CHT22, CHSB20, CPM21, EWS23, EE25, FFR23, FPS24, GFAP+25, KL21b, KKK+20, LR21, Leh21, LL21, LG23, MGZ+21, ND22, NBBR23, ND24, PS22a, SKS21, Sak20, STB20, SP20, TGC22, TCH21, YM23, ZM20, ZF21, RMS+25, ZB22]. **Effective** [EIK+21, AGP+21, CKF+24, HS20, Täu20, TNW21]. **effectiveness** [ESW24, FHM20, GBF20, JKH+23, KRG24, LDL+24, MBHG+24, OGM+25, ZBT22]. **effectors** [IHO21]. **Effects** [BK21, EBK21, FBC23, GCA+20, KCW+25, KB20, Sak22a, SL21, Tak24, YdKdJ+20, ACP20, BvdG20, BBH+20, BH24, BYHH20, BGGM23, CZN+21, Cai22, CF20, CBKS21, DMAC21, DCL23, EWK20, ECBR20, FPGC21, FGC24, HAP22, HKBK25, HS24, HGD+25, Hen20, HD24, LRST22, MP22, MH22a, MSK+22, MWO21, OKF+21, PBD+20, QWZK24, Sak22b, TH25, TG22, UV23, VGTY21, WK25, ZZ22, vBBB+25, vdVPW+22, SC21]. **Efficacy** [DBTI21, BBK23, BS21, GYY+23, HS24, JTB25, PD23, SC23a, SF24b]. **efficiency** [AKHM23, AM22, KT20a]. **Efficient** [SA25, BP23, FSNS20, SBB+22, YCKK24]. **eigenmodes** [RE25]. **Eigenvalue** [GSMG22]. **eight** [KRSSH21, LZZ+23]. **elasticity** [Wu24]. **Electric** [CSHH20, SCHH20, ZLYL20]. **electrical** [FVB20, GEHL+22, MCP20, SY25, YZSS20]. **electrocytes** [CSHH20, SCHH20]. **electrolocation** [PCR23]. **electron** [GCC20]. **electroretinogram** [PLSS24a, PLSS24b]. **electrostatic** [PCR21]. **element** [GEHL+22]. **elemental** [OLF+24]. **elementary** [CP23]. **elements** [MDG24]. **elicit** [KKL20]. **eliminate** [LDL+24]. **Elimination** [BSS+20, HMLO+23, SSX+22]. **elliptic** [HYM+22]. **elliptical** [YSK23]. **elongation** [KF20]. **embryogenesis** [GZGH22]. **embryonic** [JA23, NTTI22]. **emerge** [MK24]. **Emergence** [DLSA24, LPA25, LYE+24, RBD+20, Ala20, CN20, FBD23, HII22, IDD23, JMWX23, KNY25, MRK24, NNNHA24, PPFB24, PR21, RDDSA25]. **Emergent** [ADLM24]. **emerging** [IH23, KHB+22]. **emigration** [HAP22]. **emphasis** [SJNRS20]. **empirical** [FSKG21, ZQHN24]. **emptying** [Avv21]. **enable** [GBF20]. **enables** [ES20]. **encode** [CKNCG22]. **encoding** [PR21, Van20]. **encounter** [MGFS+20]. **end** [WS22, Xie23, YLT22]. **end-plate** [WS22]. **endemic** [ASS+23, MCM20, SLML20]. **endgame** [ASS+23]. **endogenous** [NVS20]. **endometrial** [AGBLGA+22]. **endoplasmic** [DLSA24]. **endoscopic** [SXL+20]. **endothelial** [HYM+22, SJNRS20, VGC22]. **endothelium** [HCJT23, JJR20]. **energetic** [YWTC25]. **energetics** [OKT+21]. **energy** [AKHM23, AA22, BP21, CKM+22, GCC20, GZM+20, HXS21, ISC23, RZRS+22, TCMA21, WM21b, Wu24]. **energy-based** [GCC20, TCMA21]. **energy-driven** [GZM+20]. **energy-optimization** [Wu24]. **enforcement** [HL21]. **engineered** [CWL20, PRJ+20]. **England** [Hil23, HPGF25, Kee23]. **enhance** [JTB25]. **Enhanced** [KMI23, MMG21, FPGOCP+25, YSK23].

enhancement [BCC+21, KT20a]. **Enhancing** [JFCK20, HS24]. **Enlightening** [CLM+25]. **enough** [DWNW24]. **enrichment** [MSB24, YBF23]. **ensemble** [CBKS21]. **entire** [Nak25]. **entrainment** [DB22b, HLS+25]. **Entropy** [LL20, LPSMCP23, Tsu21]. **entry** [PD23, TAP+23]. **environment** [FOY21, FBSD22, KF20, MY20, RT24b, RBZP24, SS21, UIY22, EBA21]. **environmental** [Bar23, Cai22, GCA+20, KRG24, PS22a, PBD+20, SUA+20, TG22, PMD21]. **environments** [CZN+21, HCC+21, Kau23, KHB+22, KL21a, MLG21, MSLW23, NKE23, Pro24, WW24]. **enzymatic** [TH21]. **enzyme** [CTL+22, CDdV23, LB20]. **enzyme-cost** [LB20]. **Epidemic** [BDB25, LWM23, MM22, AHW21, BP23, BD21, CD22, CGW22, DTS21, HGD+25, HPGF25, HTD22, KT20b, KPR20, LWXM20, LZL+25, LK25a, LK25b, MEPS22, dVRA20, RMG+21, SXJ20, TK25, WCM+21, WHRH+23, XCH+20, YTY+20, YLT22, ZXLH23]. **epidemics** [CLLL20, CSDH+25, EB24, LMW21, MZG+20, TWT23, VMRSL23, ZWC+22, dIMM24]. **epidemiologic** [CS20]. **epidemiological** [AJR+20, AH25, BJJM25, FGC24, GGSTS21, GBHNHVL23, Hil23, IH23, MSK+22, PB21, RDDSA25, TTBL21, WHRH+23, YDS24]. **epidemiology** [Gav25, RT24a]. **epigenetic** [HSL24]. **epilepsy** [PZXC22, YZSS20]. **epithelia** [MCO21]. **epithelial** [GHB22, LSWVB24, LS25a, RP21a, YOIS24]. **epizootic** [PGP23]. **equation** [BNP+21, IB21, JCLS+11, JCLS+21, Lio18, Lio24, SMM24, VGC22]. **equations** [DSB+21, HKL25, RMS+25]. **equilibria** [GZ24]. **equilibrium** [AMSC20, AABG20, Lio18, Lio24, LW20]. **equity** [FBA21]. **equivalent** [HGZM25]. **eradicate** [TNW21]. **eradication** [SLML20]. **Erratum** [Akh23, PLSS24a, SSKS20]. **error** [BNPL20, LB25, Tak24, WHRH+23]. **error-proneness** [LB25]. **errors** [MMI21]. **erythrocyte** [DN22]. **escape** [IHO21]. **Escaping** [HII22, MGCH21]. **Escherichia** [BF20, VKS+20, YRMWT20]. **essential** [ES24, Kan21, LMC+20]. **essentiality** [AFTF22]. **Establishment** [YWWF25, BPP+20, NO25]. **estimate** [AKUN20, DHC25, GFV+23, LGT21]. **estimated** [KvLBD25]. **estimates** [KBD+23, SL22]. **Estimating** [DF22, HPGF25, KRSSH21, LRST22, LZW23, SKNvRL23, SOGK+23, YAN21]. **Estimation** [MS20, SKNvRL22, XDT+20, AN24, BKP23, DCS20, DO21, FPGOCP+25, GFH20, GMR+24, IMM24, SBB+22]. **Ethnic** [KIM+22]. **Etosha** [KM22]. **eukaryogenesis** [KI20]. **eukaryotes** [Di 20]. **European** [KRSSH21]. **eutrophic** [SMJ20]. **eutrophication** [SH21, TMTK22]. **Evading** [DBD23]. **evaluate** [GFV+23, GYY+23, RY22, TNHV21]. **Evaluating** [MN23, MBHG+24]. **Evaluation** [GF23, LPSMCP23, GSMG22, KIO+25]. **evasive** [GtHH20]. **evenness** [Pie21]. **Event** [SJS+25]. **Event-based** [SJS+25]. **events** [BS25, BFSA23, GCA+20, JLK22, SSR21, YY21]. **Evidence** [CRGGSC20, ASF22, CPMF+22, HGZM25]. **Evolution** [CTL+22, CDdV23, FG23, IY22, Kur23, ML24, POW23, Pis25, Qui20,

Sak22a, SdAM24, WSW21, YYI21, Yam24, AFTF22, ASF22, ASS+23, APL21, BJR+22, BB21a, BTS24, BCGG21, BSL24, BRBF20, BW25, CG21, CLG20, CWT+23, EBA21, FG21, Gar24, GG23, HK21, HH20, HXS21, Jam21, KHBS20, KJV20, KL21a, KCO25, Kur21, Leh22, LZZ20, LL21, LT22, MPH+22, ML21, NSZ+25, NBBR23, OYT25, OU22, OSAR21, Par22, PHN+23, PS22b, Sme21, SP20, TG22, VA22, WS24, WDHB20, WSC+22, Wil23, YTG24, YJZ+24, YY21, HD25]. **Evolutionarily** [MS25, MC20b]. **Evolutionary** [Cai22, CWW22, CGS+25, IJROTE22, IS20, IYY22, MRK24, MTLZ22, POS21, YI21, ZWWW23, Bol22, BH20, BA24, CKB+21, CBPG23, CN20, CN21, CGR22, Dal22, FPGOCP+25, GRPG24, IDD23, KT20b, LYYN20, Leh21, LFT+23, MGCH21, NO25, NKE23, NWP+24, PV24, PABS23, QVE25, QHS23, Sch17, Sch23, Ste21b, SSR21, TT24, TRKB25, VA22, WNHK21, WK25, YTG24, Yin21]. **evolving** [HCSAB21, WLW19, WLW20]. **exacerbate** [DCP+22]. **Exaggerated** [LPD23]. **examination** [GBF20]. **example** [GFAP+25, YYI21]. **exaptation** [CGS+25]. **excess** [ACP20]. **exchange** [Xie25]. **exchanges** [BGGM23]. **excitability** [OGD+20]. **Excitable** [PK23]. **Excitation** [CKM+20, SL21]. **excitation-contraction** [SL21]. **Excitatory** [AKHM23]. **excited** [Tsu20]. **exclusion** [Gav25, GW20, LDL+24, SR24, TAP+23]. **exercise** [BSV+24]. **Exergy** [DRK23, DRK23]. **exhibit** [IH21]. **exhibited** [AFTF22]. **existence** [MMI21]. **existing** [HH20]. **exit** [Kur21]. **exocytosis** [SWVW25]. **exogenous** [NVS20]. **expansion** [IB21, KF20, MMS+23, RBZP24, TS23]. **expenditure** [HXS21]. **expensive** [CS22]. **experienced** [Haj20]. **experiment** [KJV20, dGSNK22]. **experimental** [CFH+25, CLSB23, DO21, GLLP23, NSZ+25, ZZGG21, ZZB+21]. **experiments** [KKS23, WZKM21]. **explain** [BNP+21, Dal22, Wad22]. **explained** [RBW20]. **explaining** [GRW+21, HH20, KHBS20, WXS25]. **explains** [HL20, SdB23, SBC+20]. **explanation** [JME24]. **explicit** [BYHH20, FG22, GGSTS21, PK23, RW20]. **exploitation** [MC20a, MW20]. **Exploration** [SCD+23, SD25, FHR22, KKS23]. **explored** [LLJ25]. **Exploring** [BFSA23, NSD22, PDD24, SMJ20, TWT23, SUA+20, VB21]. **Exponential** [DKSP24, SR24]. **exponentially** [YDS24]. **exposed** [JKH+23, RT24b]. **exposure** [CWF23, FPGC21, GFC+22, SHH20]. **expression** [BS21, BS25, GWZ+22, PL20, RMSS24]. **extended** [FSKG20, MWO21, PLM24, RB22, SSB20]. **Extending** [Pat22]. **extent** [Goy21]. **external** [CT22, KF20, LR21, LZ23]. **extinction** [CSDH+25, EWS23, FVC20, HII22, Kro25, Leh21, ON24, SSB20, Sch18, Sch21a, SD22, ZWT24]. **Extinctions** [MTB25]. **extracellular** [PGML20, SL21, ST20]. **extraction** [NR20]. **extreme** [PWC+23]. **extremes** [AH25]. **eyespots** [LCMW21].

Fåhræus [FFR23]. **face** [NGKB21, Ngo22]. **facilitate** [Jam21]. **facilitated** [ADP21]. **facilitates** [FLO25, HZS+21, HGF23]. **facilitation** [MCL20]. **facilities** [KRG24]. **factor** [KB20, RLW+21, Rob22, SSKP24, ZZGG21].

factors [Bau20, Cor21, Cor22, TWT23, ZZ22]. **facultative** [GZ24, KM22]. **failure** [APR+22b, BC21, BB25, HH21]. **fairness** [WFT23]. **falciparum** [DDDMT22, TEWN21]. **farm** [SHH20]. **farmers** [LYYN20]. **farming** [BPS25, CBBD22]. **farms** [ZRL+21]. **fascia** [LMLP20]. **fascicle** [CDC20]. **fastidiosa** [BCS+22, WWR+24]. **fat** [VTDM21]. **fatality** [NAR+20]. **fate** [AVSTS23, GO21, HLW24, WA22, YFZ+20]. **fatigability** [BSV+24]. **fatigue** [MMK+24, Tay23]. **Fatty** [IYL+25]. **favor** [LL21]. **fear** [BSL24, MSB24, PPS+21]. **fear-acquisition** [BSL24]. **fear-induced** [MSB24, PPS+21]. **feasibility** [AY22, MTB25]. **feather** [ELM25]. **feature** [LFZ+24]. **features** [KIO+25]. **February** [Ano20p, Ano20d, Ano21p, Ano21d, Ano22o, Ano22d, Ano23l, Ano23c, Ano24l, Ano24c, Ano25j, Ano25b]. **feed** [Wad22]. **feed-forward** [Wad22]. **feedback** [Ala23, APL21, BBK23, CSF20, CMRMC+21, FG21, LR25, LYE+24, LTB25, NSMH25, Tak24, TDRC23, VB21, WvdDL+21]. **feedbacks** [ADP21]. **feedforward** [BSC20a]. **Feeding** [IYY22, SWK+20]. **female** [ASSL22, IY22, SL23]. **females** [Dal22, IIHH21]. **femoral** [SCD+23]. **ferroptosis** [KTP+20]. **Fertilization** [DCP+22, NDB20]. **fertilizers** [CT22]. **feto** [BAJ+21]. **feto-placental** [BAJ+21]. **fever** [GW20, MZG+20, ZRL+21, ZZ22]. **few** [Dal22]. **fiber** [JME24]. **fibrillar** [SK23]. **fibrillation** [DRK23]. **fibrous** [ST20]. **field** [FFGR25, HBK+20, MB24, WBKR22, ZLYL20, dDA21]. **fields** [LYYN20]. **filaments** [PEMLD22]. **filariasis** [OGM+25, ORT24]. **Filippov** [DTS21]. **final** [BD21]. **findings** [GLLP23]. **fine** [LSW20, TH20]. **fine-tuned** [LSW20]. **fine-tuning** [TH20]. **fingerprinting** [CKM+20]. **finite** [BD21, GEHL+22, HZM+21, LDF23, LL21, ML24, MTLZ22, PABS23]. **finite-time** [BD21]. **fire** [BGA21]. **firing** [BRN+22, CHT22, ZSL23]. **First** [BJG21, Ish23, KvLBD25]. **Fish** [RCM+25, DCP+22, ETTT24, EHP+21, LSZ21, MLK21, MSB24, ZPP23]. **Fisher** [AAF+25]. **fishing** [NNNHA24]. **fission** [HL20]. **Fitness** [RWHK21, BP20, HMS21, MLG21, PASO21, RID23, Sme21, SS21]. **five** [ZZ22]. **Fixation** [WM20, CBBD22, EWK20]. **fixed** [HBG21]. **flatness** [Sme21]. **flea** [KCW+25]. **flicker** [BCC+21]. **flight** [GtHH20, MIP+21, Sac22]. **floating** [CRDD22]. **Flock2** [Hoe24]. **flocking** [Hoe24]. **floral** [SBJR21]. **Flow** [SVVPPR+24, AG22, AVP+25, CHT22, GCA+20, JJR20, KB20, MIP+21, MN23, Ros21, SVHM+21, TCH21, TH25, YBF23, YTW21]. **flow-induced** [KB20]. **flowering** [ML21, WS24]. **flowers** [HMS21, WS24]. **fluctuating** [MSLW23, SS21, UIY22, WM20]. **fluctuation** [ZX22]. **fluctuations** [BJR+22, Cai22, FSK21, IDMG24, NSMH25]. **Fluid** [ELRG21, SAK21, SWK+20, WGRE21, YTW21]. **fluid-feeding** [SWK+20]. **fluorescence** [SC21]. **fluorescence-based** [SC21]. **flux** [CP23, LB20, ZB22]. **focal** [MDS25]. **focus** [ACF22]. **folded** [WA22]. **folding** [San21]. **follicle** [DBW22, ELM25, FHR22]. **following** [dCC+23]. **food** [ASMN23, ACP20, BACS24, BD22, KHHI25, LPA25, LLZS25, QHS23, QPL21, WDHB20].

food-web [WDHB20]. **foot** [HXS21, RLW+21]. **foot-and-mouth** [RLW+21]. **forager** [MSM23]. **foragers** [GCX+20, MH22b]. **foraging** [GQG23, Ios21, MBT22, QPL21]. **Force** [Coh20, CDC20, KPP20, LMLP20, SL21]. **force-displacement** [LMLP20]. **forecast** [JAW25]. **forecasting** [GDC+25]. **foreign** [AKUN20]. **forest** [ZYLW21]. **form** [BTS24, DRO23, IHG21]. **formation** [AZdV+22, BH24, BAG+24, BPM+22, CLM+25, DEM+23, EP20, HYM+22, HGF23, JMD20, KG22, KGP+22, KMA+21, LFY+24, MDS25, NNOBS23, NO24, PLXD+20, Sal25, VGC22, WH21, WFL+24, YXW21, ZSS+22, ZYLW21]. **formations** [CGW22, Nak25]. **formed** [FS24]. **forms** [Bar23]. **Formula** [GRW+21, IHG21]. **forward** [CCSF21, Wad22]. **four** [Ros22, Wad22]. **four-node** [Wad22]. **Fourier** [DH22]. **fractal** [LPSMCP23]. **fractional** [CLLL20, DSB+21, GFN23, ANGJ25]. **fractional-dose** [CLLL20]. **fractional-order** [GFN23, ANGJ25]. **fractionated** [LR21]. **fractionation** [KK23]. **fractions** [WvdDL+21]. **fracture** [SCD+23]. **fragility** [DN22, JSCW21]. **fragmentation** [FSKG20, RB22]. **fragments** [CMLM23]. **framework** [ASF22, BSV+24, BEO+22, HL24, Lei20, Lei24, LB20, MAHMH20, OKT+21, PPFB24, PPGB20, SUA+20, VVD24, WXS25, YJZ+24]. **frameworks** [GHF22]. **France** [LMW21]. **Free** [KC24, TATT21, BP21, BAU+22, CG21, CCPD22, D'A20a, D'A20b, Kuz24a, WM21b]. **free-swimming** [CG21]. **French** [MEPS22]. **frequencies** [GEHL+22, LMG22, MPH+22, SC23b]. **frequency** [CWR21, SL22, SHY21]. **frog** [PO20]. **frogs** [AKHM23]. **Frozen** [LLJ25]. **frustrated** [dLFO21]. **FtsZ** [YRMWT20]. **function** [BTS24, BAJ+21, FNGJ21, For24, PRFSHV20, PZG20, San21, ZMKF22]. **functional** [AGTJ23, Bar23, DWNW24, KSSM20, LAP24, RNP+25, SY25, Wor20]. **functions** [BRS24, FOY21, PAV21]. **fundament** [DRO23]. **funds** [HL21]. **fungal** [SVVPPR+24, dJHP20]. **fungi** [MGZ+21]. **Further** [GHF22]. **fusion** [LFZ+24]. **future** [AJR+20].

Gaia [AN22b]. **gain** [BAU+22]. **gain-scheduled** [BAU+22]. **gains** [SSLMGC25]. **gaits** [SF24a]. **game** [AR21, CGP+20, CS20, CK20b, FFAV21, GCX+20, HPD20, IYY22, JCC20, KT20a, KT20b, Kan21, KHST21, KC22, Kur23, LYYN20, MH22b, MTLZ22, NO25, NGKB21, ORT24, PAV21, QHS23, SSBG20, YI21, YTG24, YG25, Whi21]. **game-theoretic** [CS20]. **game-theoretical** [CGP+20]. **games** [BK20b, CWW22, HC24, KCO25, KL21b, MMI21, MMI22, MS25, RP21a, Ste21b, WSW21, WM20]. **gametocytes** [DDDMT22]. **gamma** [CWT+23, LMS21, MP22]. **ganglia** [HXZ+22]. **gap** [ACG24]. **gas** [BGGM23]. **gastric** [Avv21, SXL+20, YXW21]. **gastrointestinal** [ATP22]. **gated** [RLL25]. **gathering** [Pro24]. **GC** [BRBF20]. **geese** [YdKdJ+20]. **Gene** [ON24, AFTF22, ACG24, BS25, DMAC21, FLRR23, GT22, GWZ+22, GTE20, HJKS20, MB22, NCL20, PL20, RMSS24, RW20, Tha24, WW22, YST21].

gene-regulatory [FLRR23, Tha24]. **genealogy** [CLF+22]. **genera** [HXS21]. **general** [Lei20, Lei24, QHS23, WH21]. **Generalist** [XKV20, BB25]. **generality** [BNPL20]. **generalization** [AM22]. **Generalized** [BACS24, GFH20, LR21, MPTCT+20, SSBG20]. **generalized-growth** [GFH20]. **generate** [SHY21]. **Generating** [XWS24]. **generation** [AN24, CSHH20, GBF20, RMSS24, SL21]. **generations** [ZZT+21]. **generative** [RMSS24]. **generic** [SUA+20]. **Generosity** [MC20a]. **genes** [Kan21]. **Genetic** [CKNCG22, RP21b, ZF21, AFTF22, ABC25, CPMF+22, Di 21, IY22, JTB25, Kau23, LLJ25, MWO21, TIS25, TG22, WH21, Whi20, YST21]. **genetical** [Wil23]. **genetics** [BS22a]. **genome** [FFNG+21, GPDW20, HJKS20, LAP24, YY21, Yin21]. **Genomic** [For24, BRBF20, WBKR22]. **genotype** [AN24, WBKR22]. **genotype-phenotype** [AN24]. **genotypic** [Sme21]. **geographic** [APR+22a, WDHB20]. **geometric** [Gar24]. **geometrical** [Haj20]. **Geometrically** [VG25]. **geometries** [Car23]. **geometry** [FLO25, GSC23, KBS+19, KB22, MTB25, Pie21, WLJ+20, YSK23, KBS+20]. **germ** [TG22]. **germ-soma** [TG22]. **Germany** [BGC+20, LMW21]. **germination** [KP21]. **get** [HBG21]. **gets** [ABOR20]. **Getting** [DAB+23]. **Gibbs** [HBK+20]. **GIFT** [WBKR22, IY22]. **given** [MSLW23]. **gleaned** [TKRA20]. **Glia** [GT20]. **gliding/climbing** [Sac22]. **glioblastoma** [ATH+24, HBK+20, LS21]. **glioblastoma-immune** [ATH+24]. **Glioma** [CGGG20, ZLZ+25]. **Global** [DMR21, GZ24, RRAO21, dIMM24, DSdP22, LNT23, RBG+23, YXW21]. **globally** [VCS24]. **glucagon** [GZM+20]. **glucose** [DSB+21, HBWLLPA21, LR25, LPBMA21, MCP20, SK21]. **glucose-induced** [MCP20]. **glycolysis** [JS23]. **glycolysis-OXPHOS** [JS23]. **go** [SKNvRL22]. **goals** [SSX+22]. **going** [Hon20]. **golden** [Gar23]. **gonorrhoeae** [TKB+20]. **goods** [CPS20, FPX20, FFAV21, JCC20, RP21a]. **Governance** [CPS20]. **governing** [VB21]. **gradient** [KK22b, LKP+20, Lio18, Lio24, MTB24, SLCC22]. **gradients** [DBTI21]. **gradual** [APL21]. **graduated** [CPS20]. **Graph** [HJKS20, LLZ+22, POS21]. **graphs** [BK20b, BPM+22, CGR22]. **grazing** [CBBD22, MTB24]. **greatly** [TK25]. **greedy** [MC20a]. **Green** [WSY21]. **grounded** [ABOR20]. **groundnut** [DSM+23]. **group** [HXK+20, Kur21, MH22b, MCMdAM24, ND22, ORW+20, PPS+21, TBNS23, Yam24]. **group-living** [ND22, TBNS23]. **group-structured** [ORW+20]. **grouping** [TBNS23]. **groups** [FS24, KCO25, MHPB23, XML22]. **grow** [KI21]. **growing** [GJDS20, PHN+23]. **grows** [HD25]. **growth** [AMSC20, AW22, AML+22, AGBLGA+22, BCLJ24, BMB+21, CBZK21, CLD21, DCP+22, DSM+23, FBSD22, FHR22, FB23, FB24, FLR23, GTGB21, GDd+21, GFH20, IHO21, KHAK21, KPR20, KYHN23, Kuz24a, Kuz24b, LSWVB24, LHG+22, LPSMCP23, LSZ21, LGBG23, MGZ+21, MMS+23, NNG20, PBP23, PP20, PP24, PTZ21, dMQHRGA+22, SRB+24, Sch18,

Sch21a, SBW+22a, SWVW25, Tay23, Tsu20, VG25, WWR+24, WZP+23, Wu24, ZLZ+25, ZYLW21, dJHP20]. **growth-elasticity** [Wu24]. **GTPase** [KJM20]. **Guam** [CGY+23]. **guidance** [HCSAB21]. **guide** [SOGK+23, WBS20]. **guided** [HGF23, MBT22]. **guidelines** [NV22, PRHS20]. **Guinea** [EHP+21]. **gut** [AZdV+22, HI21, JME24, TMC+23, Wu24].

h [DB22b]. **H/dMMR** [HKL25]. **H1N1** [WSC+22]. **H3N2** [WSC+22]. **H9N2** [XYK+20]. **habitability** [MC22]. **habitat** [PAV21]. **habitats** [BP20, BYHH20, CRDD22, PHN+23]. **Habitual** [PBB20]. **haemorrhagic** [WP21]. **hair** [DBW22]. **hairs** [HZS+21, PCR21]. **Haldane** [BGGM23]. **Haldane's** [GCM23]. **Hamilton** [APL21, FS24, Gar23, HZM+21, Leh22]. **handling** [SL21]. **haptotactic** [BH23]. **harmonic** [KPR20, SHY21]. **harmonics** [RE25]. **harms** [CS22]. **Harnessing** [Kan21]. **harvested** [FS22]. **harvester** [HDM20]. **harvesting** [SSB20]. **Hawk** [HPD20, KC22]. **HBV** [Goy21]. **HCV** [LZZ20]. **HDL** [YE21]. **head** [ASSL22, CMLM23, YBF23]. **healing** [HPG+24, HCJT23, LS25a]. **health** [BW24, Swe20]. **healthcare** [BP23, CPEK23, FG21, FG22, FG23, STCSC+21]. **Heaps'** [LAP24]. **heart** [DO21, DRO23]. **Heat** [FFGR25, ASP23, CKF+24, ZZGG21]. **hedging** [ZX22]. **height** [JCLS+11, JCLS+21, PZG20]. **helminths** [HVTA20]. **help** [PB22]. **helper** [Mit20, Pag25]. **helps** [CS22]. **hematopoietic** [CSH+25, PASO21]. **hemodynamic** [LRAP22]. **hemodynamics** [RKCvB25]. **hemodynamics-based** [RKCvB25]. **Hepatitis** [SD25]. **hepatocytes** [CBK+20, DYS+21]. **herbivore** [MTB24]. **herd** [Bai21, GFC+22, KPA+21, TNHV21]. **herring** [SSB20]. **Hes** [Pfe22]. **Hes1** [SMS20]. **hesitancy** [BDdG22, JMWX23]. **heteroclinic** [YST21]. **Heterogeneity** [RMG+21, TK25, Bai21, BE22, BS21, BYHH20, BV24, CBK23, CF20, Don23, EB24, GFAP+25, GCA+20, LGT21, LLS+22, MCM20, POW23, PBD+20, SKS21, SMJ20, TMC+23, TCH21, WZP+23, YTG24, ZWT24]. **Heterogeneous** [MCP20, DJ22, LSWVB24, Lei20, Lei24, LH20, MF24, MG21, ORW+20, Pro24, dVRA20, RBZP24, SLTD22, SS21, Ter23, WGRE21, WFT23, dKCA22]. **heterologous** [RY22]. **heterotypic** [ST20]. **heuristic** [MS20]. **HFMD** [XDT+20]. **hierarchical** [LPA25, LH20, NSMH25, PRP+20, TS23, VKS+20, YG25]. **hierarchy** [Ros22]. **high** [Ala23, ASS+23, KP21, KKL20, Sak20, VTDM21, WDA+23]. **high-avidity** [KKL20]. **high-vaccinated** [ASS+23]. **higher** [Cor21, Cor22, PR21, Wad22]. **higher-order** [Wad22]. **highlights** [ISC23]. **highly** [dVRA20]. **hindering** [Xie20]. **Hindmarsh** [ANGJ25]. **hippocampus** [AOB21, HS20, MP22]. **history** [APR+22a, AL23, KI21, KYI21]. **HIV** [GQK+21, GDQR23, HKBK25, HCR20, KKK+20, LPP+25, Mar24, NTTI22, PZJPZ23, SdB23, UV23, YHT24, YCKK24, ZXLH23]. **HIV-1**

[KKK+20, NTTI22]. **HIV/AIDS** [ZXLH23]. **hive** [ZM20]. **Hodgkin** [EE25]. **Holt** [FS22]. **home** [XML22]. **Homeostasis** [Koc20, KTU22, SL23]. **hominid** [HXS21]. **Homo** [Koc20]. **Homo-Oligomerisation** [Koc20]. **homogeneous** [IHG21, Ter23]. **Homogenization** [BNP+21]. **homology** [Ste21b]. **homophily** [KIM+22]. **honey** [CFH+25, HZS+21, LZ23, SWK+20]. **Hopf** [HXZ+22, YST21]. **Hopf-born** [YST21]. **hopping** [ELRG21]. **Hormonal** [FHR22, RNP+21]. **hormone** [COB23, YTH+21]. **hormones** [ASSL22]. **Horton** [Ish23]. **hospital** [KBW+23]. **hospitalization** [AGP+23]. **hospitalized** [KBD+23]. **host** [AMA20, BB21a, BLRV21, BRAHV25, Bol22, BW25, BRS24, CHSB20, Cor21, Cor22, FG22, GW20, HII22, JLK22, Kis24, KBD+23, KRSG24, KH24, LMC21, MBM+25, MW20, OKF+21, Sin21, SA25, SYH20, SZR+25, TGC22, TNW21, TK25, UV23, VB21, VP22, XYK+20, XCFH23, dCC+23, WDH+20]. **host-parasitoid** [KH24]. **host-symbiont** [KRSG24, VB21]. **host-virus** [CHSB20]. **hosts** [EHP+21, MGCH21, Roy21, SPLS+23]. **Hot** [YSP+23]. **Hot-topics** [YSP+23]. **household** [Hil23, HTD22]. **HPTN** [LPP+25]. **HPV** [SBW+22b]. **HPV-related** [SBW+22b]. **HPVsim** [SSK+25]. **hub** [TT20]. **Hubei** [SXJ20]. **Human** [NGKB21, OIK+24, APR+22a, BBH+20, BLRV21, BC20, BGGM23, CDC20, CPM21, CSH+25, Dal22, GMMR22, GTE20, HVTA20, HVC+21, HL24, LAP24, MN23, OKF+21, Par22, Sal25, SC23a, SCD+23, SHH20, TEWN21, ZWT24]. **human-antibodies** [TEWN21]. **human-to-human** [ZWT24]. **humanized** [GDQR23, KKK+20]. **humans** [FHR22, HD24]. **Humeri** [LZ23]. **hunt** [LTB25]. **Huxley** [EE25]. **Hybrid** [ZLZ+25, ASK20, AKHM23, ACF22, CSP21, Hen20, JAW25, MS20, ML21, PCLL21]. **hybridising** [BHW+20]. **hydraulic** [LKP+20, Ros22]. **hydrofoil** [ETTT24]. **hydrophobicity** [KB20]. **hyperparasites** [NWP+24]. **hypha** [dJHP20]. **Hypnozoite** [MSK+22]. **hypotheses** [HH20, WDA+23]. **hypothesis** [HGF23, KKS23, Kuz24b, Rob22, SLCC22]. **hypoxia** [CBZK21, CBH+22, CBH+23]. **hypoxic** [SLTD22]. **Hz** [MP22].

ICP [DRO23, DRO23]. **ideal** [D'A20a, D'A20b, KC24, RP21b]. **idealized** [DCL23, NM23]. **ideas** [Di 21]. **Identifiability** [KLC24, LT23, BK20a, KBD+23, Mar24, SBW+22a, GMR+24]. **identifiable** [Sim25]. **Identification** [CR20, TKB+20, AH25, KH20, XDT+20]. **identifiers** [SS23]. **identifies** [JLK22, PWC+23]. **identify** [CP23, Cor21, Cor22, HRD+24, KPH+24, Roy21]. **Identifying** [HLW24, OGD+20, LLZ+22]. **identities** [FS22]. **idiosyncrasy** [ND22]. **IFN** [PJVR23]. **II'** [Pru25, Wil23, GADDVG+24, Sal24, Swe20]. **III** [Sal24]. **IIT** [MSL23]. **IL-1** [PGML20]. **IL-2** [CWL20]. **IL-27** [LBF24]. **IL-4** [PJVR23]. **illness** [SSM+22]. **illusion** [RBW20]. **image** [ZLZ+25]. **images** [LG23]. **Imaging** [Bar21, AVP+25, MDCK23]. **imitation** [FBA21]. **immediately** [HHI24]. **immigration** [FVC20, SS23]. **immobile** [CG21]. **Immune** [WPEP22, ATH+24, ACF22, AABG20, BBB+25, BPP+20, BT22, BRAHV25, CAARG21, EB21, FGA+24, GF23, IHO21, JSCW21, JLK22, LLS+22, LT22,

LS25a, MHI23, MAHMH20, OKF+21, OGD+20, RS24, SPLS+23, SFK+23, SBC+20, SMEG22, SF23, TKRA20, WMHV24, XZZ+23, vdVPW+22].
immunisation [RDDSA25]. **immunity** [Bai21, CCF+20, EB24, FG23, GFC+22, JKSD23, KT21, KPA+21, SFK+23, TNHV21]. **immunization** [SSX+22]. **immuno** [HPK+20, YDS24]. **immuno-** [HPK+20]. **immuno-epidemiological** [YDS24]. **immunodeficiency** [OKF+21]. **immunology** [Pat22]. **immunomodulatory** [MF22]. **immunosuppression** [GBF20]. **immunotherapies** [CPM21]. **immunotherapy** [ATH+24, CWL20, DCS20, GBF20, HS24, LFZ+24, RMS+25]. **Impact** [ASSL22, BW24, CBBD22, NAR+20, OU22, PEMLD22, QVE25, SRDC21, YTY+20, AH25, BKPT25, BDdG22, CBK23, CLJ+23, FSK21, GFH20, GW20, HCR20, KvLBD25, LLS+22, MN23, Ngo22, OGD+20, RDDSA25, San21, SXL+20, SSX+22, TEWN21, TK25, WCZL25, WUH23]. **impacting** [SCH24]. **impacts** [APR+22a, BGM22, CFH+25, DTS21, PAV21, ZWT24]. **imperfect** [Kis24]. **imperfectness** [KT21]. **implantation** [CNK24, MFGACST23]. **Implementation** [YL25, BH20]. **implementing** [HMLO+23]. **implicates** [KLLL22]. **implication** [WS22, YTH+21]. **Implications** [DH22, GBRM21, HXS21, MEBNZ24, SBW+22b, CWT+23, Han23, Hil23, KRSSH21, LZ23, MCL21, SSX+22, YL25, Yin21, AWC25, BH24, TMTK22]. **imply** [LSW20]. **importance** [Bol22, GG23, KV23, PRHS20, SY24, TBNS23]. **important** [AH25, KHBS20]. **improve** [FBA21, GFV+23, SSK+25]. **Improved** [dGSNK22, LLZ+22, RLB25]. **Improving** [LK20, LCYD23]. **in-depth** [RLB25]. **in-host** [KBD+23]. **in-silico**} [SBSB23, TKB+20]. **in-stent** [LFY+24]. **in-vitro** [AMSC20, NSZ+25]. **inactive** [DN22]. **inattention** [Whi21]. **inbreeding** [Sak20, Sak22a]. **incidence** [LZL+25, PP20, PP24]. **inclusion** [TAP+23]. **inclusion/exclusion** [TAP+23]. **Incoherent** [GK21]. **incompatible** [MSL23]. **inconsistent** [AA22]. **Incorporating** [AWC25, ASK20, ABC25, SHH20]. **Increased** [HMS21, PD23]. **index** [YWWF25, DRK23]. **India** [SRDC21]. **indication** [VKS+20]. **Indirect** [PAM24, LMB22, MCL20, MPA24, Mur25, PJVR23]. **indirectly** [TML20]. **Individual** [AM22, BGB+21, GFC+22, ABBP21, BEBA20, CA21, EB24, EP20, FLR23, For25, HGD+25, HRD+24, KT21, LB25, MCM20, OU22, TMC+23, TIS25, WS24]. **Individual-based** [BGB+21, BEBA20]. **individuals** [GG23, MHPB23, PZJPZ23]. **induced** [AR20, ASP23, AHEB+22, ACF22, BCC+21, DBW22, ETTT24, EE25, GBF20, GBRM21, HLS+25, JAB22, JSCW21, KB20, MP22, MSB24, MFGACST23, MHV+21, MCP20, OKF+21, PPS+21, PLSS24a, PLSS24b, SOKZ22, SF24b, SZR+25, WRB22, YFZ+20, YM23]. **induces** [KF20, MGZ+21]. **induction** [DMR21, YFZ+20]. **inductive** [YFZ+20]. **inertia** [MMK+24]. **infarction** [MF22]. **infected** [BLRV21, HVTA20, LK20, MEPS22, PWC+23]. **Infection** [SD25, WPEP22, AGP+23, APF+24, AKUN20, ACF22, BLRV21, CCF+20,

CAARG21, CWF23, Cor21, Cor22, CSH+25, GMMR22, Goy21, GQK+21, GDQR23, HI20, HVC+21, HBGV+21, HSAH20, IH23, Jac25, JLK22, Kee23, KBD+23, KM22, KKK+20, LMC21, NM23, PWC+23, RY22, SPLS+23, Sal25, SdB23, SMEG22, WMHV24, WMO23, XYK+20, YdKdJ+20]. **Infections** [HGD+25, CPEK23, HPSA21, HPSA23, HBGW+25, JD21, JAW25, KPH+24, XDT+20]. **infectious** [AN22a, AH25, DHR25, GBHNHVL23, GJCLMQC20, JKH+23, KHB+22, MD22, MN23, MBHG+24, OGM+25, SGM+25, SA25, SOGK+23, YFF25, ZWT24]. **infectious-contagious** [GJCLMQC20]. **infectiousness** [CR20, LWM23]. **infective** [LPLM25]. **infectivity** [NAR+20]. **infer** [CLSB23]. **Inference** [GFH20, WZKM21, WW22, CGS+25, GFL23, HHT25, LT23, LG23, MMS+23, OV25, RW20, SGM+25, Sim25, TMC+23, VTDM21, WBS20, YOIS24]. **inferred** [RGBD25, WHRH+23]. **Inferring** [MCMdAM24, RBG+23, SWVW25, WCL+25]. **infertility** [Pag25]. **infestation** [BPS25]. **infinite** [GPDW20]. **inflammation** [ATP22, MHV+21, NM23, QYY+23]. **inflammation-causing** [ATP22]. **inflammatory** [EE23]. **Inflected** [MIP+21]. **inflight** [YBF23]. **inflorescence** [WS24]. **Influence** [WFL+24, BCK24, GHB22, LS21, LWXM20, MSB24, MSM23, SMM+23, TCMA21]. **influenced** [CWT+23, MPC+24]. **influences** [WMO23]. **influenza** [AMR+23, BNP+21, LMC21, NAR+20, SPLS+23, SD20, SMEG22, SSM+22, WMHV24, WDH+20, WSC+22, XYK+20, XCH+20, YAN21]. **influenza-like** [SSM+22]. **information** [CKM+22, CRRRP+20, FSNS20, GCA+20, Kan21, LL20, LX21, LMC+20, MB22, TBNS23]. **informational** [WBKR22]. **informative** [MLG21]. **informed** [PGC+22, RRAO21, Sim25]. **inhaled** [BBB+25]. **inhibition** [BCLJ24, BSC20a, CPMF+22, DB22a, HL20, MCP20, Wal22]. **inhibitor** [SF23]. **inhibitors** [DOF25, HKBK25, PD23, TAP+23, XZZ+23, vdVPW+22]. **inhibitory** [AKHM23, NSMH25]. **inhomogeneities** [SP20]. **initial** [GB23, MBM+25]. **initiated** [HI20]. **initiation** [EE23, Gre25]. **initiatives** [DAB+23]. **injury** [AHS23, GBRM21, WFL+24]. **Innate** [WPEP22, ACF22, BBB+25, CAARG21, EB21, GF23]. **inner** [QYY+23]. **innocent** [GRPG24]. **innocent-spreader** [GRPG24]. **innovation** [SHK20]. **inoculation** [MGZ+21]. **inosine** [YS25]. **input** [SHY21, Wad22]. **input-output** [SHY21]. **inputs** [ACD20]. **insect** [BB21b, CCPD22, IIHH21, MSL23, PR21]. **insecticide** [HPWvdB20, Ngo22, ORT24]. **insecticide-treated** [Ngo22]. **insects** [GCA+20, OYT25, SAK21]. **insight** [LX21, SXJ20, ZBT22]. **Insights** [GDC+25, OGM+25, WRB22, FPS24, TKRA20, DCL23, ES24, GGG21, Sco24]. **Insightsl** [DDDMT22]. **inspired** [BFG21]. **instability** [AW22, MTB25, XDZ+21]. **insulin** [DYS+21, GC20, GZM+20, IYL+25, LML24, Swe20]. **integrated** [JA23, KKS23]. **integrating** [BvdG20, BJJM25]. **integration**

[CFH+25, TKR+21]. **integrations** [Goy21]. **integrative** [BSV+24]. **integro** [CSP21, HKL25]. **integro-differential** [CSP21, HKL25]. **Intelligent** [RMSS24, TRKB25]. **intensity** [LPLM25]. **intensive** [KRG24]. **inter** [FMO23]. **inter-determined** [FMO23]. **interact** [MBT22]. **interacting** [FLR23, PB22, PAV21, vBBB+25]. **interaction** [AFTF22, AAL+21, CLW+24, CLSB23, CA21, EPF20, FBSD22, KHBS20, MTLZ22, Nah20, PJVR23, Pru25, Rev25, TMC+23, TTBL21, Xie23, ZSS+22]. **Interactions** [MCL20, YJBF20, AKHM23, AABG20, ADP21, BT22, BW25, BS22b, DEM+23, FBJR20, FGA+24, FBD23, GF23, GCA+20, HYM+22, HLW24, LTB25, LLZS25, MMG21, MK21, MCMdAM24, MK24, MWO21, OGD+20, RCM+25, WCWL21]. **interactive** [QWZK24]. **interbreeding** [RT24b]. **intercellular** [DEM+23]. **interface** [BM20, PGC+22]. **interferes** [Mit20]. **interferon** [ACF22, SD20, XYK+20]. **interferon-dependent** [SD20]. **interferons** [GCNZ+21]. **intergalactic** [KJV20]. **intermediate** [EHP+21, PEMLD22, Roy21, TATT21]. **intermittency** [VP22]. **intermittent** [CCSF21]. **Internal** [TMTK22]. **Interplay** [AVSTS23, CGGG20, PJPH25]. **interpretation** [BAJ+21]. **Interrelating** [BFD25]. **interruption** [DMPIG24]. **interruptions** [HCR20]. **interspecific** [vBBB+25]. **interstellar** [KJV20]. **interstitial** [WGRE21]. **interval** [AOB21, WS24]. **intervals** [ZZT+21]. **intervention** [IHG21, PRHS20, SRDC21, LPLM25]. **interventions** [BSS+20, CC22, DJ22, FG21, FG22, FG23, FGC24, HD24, JKH+23, LRST22, PAM22, ZWC+22]. **intestinal** [Avv23, HI21]. **intra** [BV24, BRS24, LLS+22, SY24, WS24]. **intra-clonal** [BV24]. **intra-host** [BRS24]. **intra-inflorescence** [WS24]. **intra-modular** [SY24]. **intra-tumour** [LLS+22]. **Intracellular** [SD25, CAARG21, PLXD+20, PEMLD22]. **intracranial** [DRO23]. **intraguild** [SYH20]. **intraspecific** [vBBB+25]. **intratumoral** [WGRE21]. **intrinsic** [LMA21, SSKP24]. **introduction** [BB25]. **invader** [MS25]. **invaders** [vdBMB+23]. **invagination** [JA23]. **invasion** [AZdV+22, BH23, CGY+23, CGGG20, DTLS24, FSC21, KMA+21, MH22a, MCM20, PJB21, WHH22]. **invasions** [SCH24]. **invasive** [DP22, JTB25, MGCH21, NSMH25, PZ20]. **inverse** [NNOBS23]. **invertebrates** [CG21, IYY22]. **Inverted** [YY21, ABOR20, Wal20]. **inverted-U** [Wal20]. **inverted-U/U** [Wal20]. **investigate** [BS21, FPGC21]. **Investigating** [HS24, LYYN20]. **Investigation** [AGTJ23, AHS23, BE22, EB21, GB23, HIA+22, HS20, LR21, MPA23, PP22, YS25]. **investigations** [WGRE21]. **involved** [BBK23, MHI23, PJVR23]. **involving** [HHI24]. **iodate** [PLSS24a, PLSS24b]. **iodate-induced** [PLSS24a, PLSS24b]. **ion** [MI20]. **ionizing** [DBW22, For25]. **irregular** [Wu24]. **irreversible** [CG21]. **irruptions** [VP22]. **ischaemia** [AVP+25]. **ischaemic** [WP21]. **ischemia** [NMC+21]. **ischemia-reperfusion** [NMC+21]. **Ising** [LLJ25]. **isokinetic** [BSV+24]. **Isola** [GK21]. **isolate** [NGKB21]. **isolation** [GGSTS21, PLR24]. **Isotropic** [KF20]. **Italy** [LMW21]. **iterated** [HPD20]. **IV** [KSSM20].

J [Akh23, CBH+23, Cor22, HPSA23, JCLS+21, Lei24, Lio24, LK25a, PLSS24a, PP24, Sch21a, Sch23, SSKS20, Xie22]. **jackal** [KM22, MK21]. **January** [Ano20q, Ano20e, Ano21q, Ano21e, Ano22p, Ano22e, Ano23m, Ano23d, Ano24m, Ano24d, Ano25k, Ano25c]. **Japan** [AKUN20, OIK+24, SFK+23]. **jet** [DB22b]. **jetting** [KM20]. **Jiangsu** [APR+22b, CZN+21]. **Joint** [DTS21, Ost23]. **Josephson** [YMR24]. **Journal** [D'A20a, GHS20, WLW20]. **JTB** [CKI20]. **July** [Ano20r, Ano20f, Ano21r, Ano21f, Ano22q, Ano22f, Ano23n, Ano23e, Ano24n, Ano24e, Ano25l, Ano25d]. **jump** [GWZ+22]. **junction** [WS22, YMR24]. **junction-coupled** [YMR24]. **June** [Ano20s, Ano20g, Ano21s, Ano21g, Ano22r, Ano22g, Ano23o, Ano23f, Ano24o, Ano24f, Ano25m, Ano25e]. **juvenile** [MGCH21].

keratocytes [MLK21]. **kernels** [EIK+21]. **key** [BC20, CRRRP+20, FLR+21, GRW+21, LSZ21, TWT23, ZYLW21]. **kidneys** [LPBMA21]. **Kill** [RS24]. **Killer** [Whi20, HPK+20]. **kills** [Pis25]. **kin** [HZM+21, Sco24, SBJR21, WFT23]. **kin-selection** [WFT23]. **kinase** [NTTI22]. **kinesin** [Xie21, Xie22, Xie23, Xie24, Xie25]. **Kinetic** [GGS+24, KHAK21, LML24, PTZ21]. **kinetically** [PRFSHV20]. **Kinetics** [Jac25, SSKP24, SD20, SGJ+24, WZP+23, dCC+23]. **Kingdom** [LMW21]. **Kir4.1** [RLL25]. **Kirschner** [CSW24]. **kleptoparasitism** [GCX+20]. **known** [LKP+20]. **Kolmogorov** [XKV20]. **Korea** [LMW21]. **Kullback** [HGF23].

L [PD23]. **L.** [CGY+23]. **L1** [BS21]. **labor** [Yam24]. **laboratory** [WW24]. **Lactate** [SBSB23]. **lactation** [MSM23]. **lactylation** [LR25]. **lag** [DB22b]. **lake** [SH21]. **Lamarckian** [DMR21]. **lamellipodium** [MLK21]. **laminar** [Ost23]. **land** [CBBD22, PGP23]. **landscape** [MBT22, RGBD25, SFK+23]. **landscapes** [BB21b, RID23, dKCA22]. **lane** [FLO25]. **languages** [NO25]. **Laplacian** [LLZ+22]. **lapse** [LG23]. **Large** [LSW20, LPP+25, FFR23, Gav25, MZG+20, Täu20, ZRL+21]. **large-scale** [MZG+20, Täu20, ZRL+21]. **larvae** [IYY22]. **Lassa** [MZG+20]. **Lasso** [HXK+20]. **late** [GRW+21, KT20b, Sak20, Sak22b]. **late-acting** [Sak20, Sak22b]. **latency** [BK21]. **Latent** [Yin21, HHI24, PZJPZ23]. **lateral** [CSP21]. **lattice** [Ala20, Xie23]. **lattices** [Xie25]. **law** [CLM+25, CLG20, Ish23, LAP24, MK24, Ros21, Wad22]. **layer** [AG22]. **lead** [FSNS20, HSAH20, NNNHA24]. **leaders** [FPX20]. **leadership** [PP22]. **Leading** [PLSS24a, PLSS24b]. **leads** [CWR21, Nak25, ZM20]. **leaf** [LKP+20]. **leakage** [SLCC22]. **learn** [GWZ+22]. **learned** [New20]. **Learning** [Ala23, LTB25, AJR+20, BJJM25, CA21, LFZ+24, MDCK23, NR20, OU22, Par22, WXS25, YCKK24]. **Learning-based** [Ala23]. **learning-explaining** [WXS25]. **learnt** [DAB+23]. **leaves** [Nak25, Ros22]. **leg** [ABOR20, KPP20]. **legal** [HL21]. **LEGO** [MPTCT+20]. **LEGO-based** [MPTCT+20]. **Leibler** [HGF23]. **length** [CLW+24, HL24, LKP+20, SBC+20, SSR21]. **length-dependent** [SBC+20].

lengths [GW21]. **Lepidopteran** [SAK21]. **leprosy** [GSR23]. **leptin** [Swe20]. **lesions** [AOB21]. **lessons** [DAB+23, LPLM25]. **lethal** [BS25]. **letter** [PMCLC+23]. **leucine** [NTTI22]. **Levant** [MUMS24]. **level** [ASK20, GG23, HDM20, KHAK21, SKS21, WHRH+23]. **levels** [BKP23, CTL+22, CDdV23, CN20, HKBK25, Ros22, TCH21]. **Lewis** [Ano21-49]. **Lewy** [Kuz24b]. **Li** [KK22a]. **lies** [ZYF25]. **Life** [AL23, APR+22a, BBDB22, Di 20, HD25, HL24, IYY22, KI21, KCW+25, KYI21, PBD+20, TH21, YYI21]. **life-cycle** [IYY22, PBD+20]. **lift** [SXJ20]. **ligand** [CKM+20, WRB22]. **ligand-induced** [WRB22]. **light** [BEBA20, MIP+21, PP20, PP24, SC21]. **like** [FSKG20, FGA+24, FET+24, HD25, RB22, RBD+20, SSM+22]. **likelihood** [GFH20]. **limit** [BM20, Gav25, MBM+25, SBB+22]. **limitations** [BJB+20, ESW24]. **limited** [BF20, CD22, CLLL20, Kuz24c, LGBG23, LAP24, SPLS+23]. **limits** [DTLS24, DB22b, Sch18, Sch21a]. **line** [CLSB23, CSP21, KP21, LG23]. **lineage** [NSMH25, SSKS18, SSKS20]. **linear** [KL21b, MPTCT+20, SF24a]. **Link** [CLW+24, SY24, ZYLW21]. **linked** [KNK21, Swe20, VTDM21]. **Linking** [BRAHV25, DHLS20, LX21, AN24, GHS18, GHS20]. **lipid** [Swe20]. **Listeria** [Jac25]. **literature** [NR20]. **little** [BF20]. **lived** [TS23, ZF21]. **liver** [GBRM21, HBWLLPA21]. **livestock** [BGB+21, CBBD22, KHW+22, SHH20]. **livestock-associated** [SHH20]. **living** [Bar21, ND22, TBNS23]. **LMI** [SJS+25]. **load** [BNP+21, LZ23, PWC+23, SdB23, SHH20]. **loading** [IHO+20]. **loads** [Xie20, Xie21, Xie22]. **lobe** [PR21, TKR+21]. **local** [BP21, BYHH20, ETTT24, FOY21, FPS24, HCC+21, LNT23, LRST22, NSMH25, RBG+23, SMEG22, Ter23, WCD21]. **localities** [ENMW21]. **Locally** [BGC+20, HKL25, SC23b]. **location** [PCR23, ZLYL20]. **loci** [KNK21]. **lockdown** [KvLBD25, SXJ20]. **lockdowns** [BGM22]. **Lockhart** [CLD21]. **locomotion** [CCSF21, ELRG21]. **locus** [ABC25, Sak22b, SSS21]. **lodging** [BSJ20]. **logarithm** [Wad22]. **logical** [ZMKF22]. **logistic** [Sch18, Sch21a]. **Long** [COB23, FGC24, Rav21, BW24, BBH+20, HD24, MPH+22, MGFS+20, MWO21, PL20, SAK21, SXL+20, SWK+20, TS23, WCD21, ZF21]. **Long-distance** [COB23]. **long-lived** [TS23, ZF21]. **long-range** [MGFS+20]. **Long-term** [FGC24, Rav21, MWO21, PL20, SXL+20]. **longitudinal** [DNK+24, LKP+20, Xie21, Xie22, ZLZ+25]. **look** [HD25]. **loop** [BH24, DB22a, FG21, Wad22, YWTC25]. **loops** [For24]. **losers** [PPFB24]. **loss** [BD22, CBKS21, ES24]. **lost** [CK20b, KC22]. **Lotka** [CLSB23, MMG21]. **Low** [ABOR20, ASS+23, CWR21, KHAK21, Mur25]. **low-** [ASS+23]. **lower** [Cor21, Cor22]. **lowers** [GFC+22]. **LRBmat** [TMC+23]. **lumen** [NNOBS23]. **luminal** [Avv23]. **lung** [ACF22, BE22, BGGM23, Don23, EB21, MHV+21, PBD+20]. **Luxembourg** [KPA+21]. **Lyme** [CPHL+20]. **lymph** [PZJPZ23]. **lymphatic** [OGM+25, ORT24, RRZDF20]. **lymphopoiesis** [CMRMC+21]. **lysogen** [CWR21].

MacArthur [Bar23]. **machine** [BJJM25, HXK+20]. **machinery** [GHS18, GHS20]. **machines** [TH20]. **macro** [MPTCT+20]. **macroevolution** [DHLS20]. **macromolecular** [OLF+24]. **Macrophage** [FLRR23, BE22, FLR+21, LMC21]. **macrophages** [BJB+20, EB21]. **Macroscale** [MK24]. **macroscopic** [GHS18, GHS20]. **macular** [PLSS24a, PLSS24b]. **magnetic** [ASP23]. **mainland** [RLW+21]. **maintain** [PB22]. **maintained** [Sak22b]. **Maintaining** [MCO21]. **maintains** [vBW20]. **Maintenance** [Sak20, BPP+20, Osb24]. **major** [TWT23]. **makes** [MIP+21, RR24]. **making** [Bai21, JCC20, PP22]. **malaria** [AY22, Hen20, MSL23, MSK+22, Ngo22, SLML20]. **Malawi** [GDC+25]. **male** [AKHM23, IY22, KNY25, YI21]. **males** [IIHH21, Jam21]. **Malpractice** [CKI20]. **mammal** [Dal22]. **Mammalian** [GT20, ASK20, WSEK23, YL25]. **Management** [PRHS20, AJR+20, BB21b, CBBD22, FG21, HPWvdB20, MH22a, OKT+21, SYI20, Tak24, TMTK22]. **mandatory** [FHM20]. **maneuver** [RRAO21]. **manifest** [YY21]. **manipulate** [SMS20]. **manure** [CBBD22]. **Many** [BTS24, KCO25, Kro25]. **Many-strategy** [KCO25]. **Many-to-many** [BTS24]. **map** [BRN+22, SMM+23]. **map-based** [BRN+22]. **Mapping** [GT20, BTS24]. **March** [Ano20t, Ano20h, Ano21t, Ano21h, Ano22s, Ano22h, Ano23p, Ano23g, Ano24p, Ano24g, Ano25n, Ano25f]. **MARCKS** [FET+24]. **marginal** [WBS20]. **marine** [BvdG20, Dal22, IYY22, TP24, XDZ+21]. **marital** [CK20b, SW22]. **mark** [SKNvRL23]. **mark-dead-recovery** [SKNvRL23]. **Markov** [CP23, DHC25, FPGC21, LZW23, PRP+20]. **Markovian** [BBDB22, VCS24]. **marsh** [ZSS+22]. **mass** [IYL+25, KJV20, RS24]. **massive** [AN24]. **master** [GFN23]. **master-slave** [GFN23]. **mastitis** [SYI20]. **matching** [LPA25]. **Maternal** [NTTI22, SL23, ZF21]. **Mathematical** [AGP+21, AN24, AMA20, AY22, BE22, BLRV21, BT22, BSV+24, BGA21, EB21, ELM25, GMR+24, HI20, LHG+22, LCMW21, MPH+22, MHV+21, PASO21, Rob22, SL23, Swe20, TEWN21, TCH21, Vol24, WP21, YE21, vdVPW+22, ABB+22, AML+22, ASL+24, AMR+23, APR+22b, BBK23, BBB+25, BCK24, BJB+20, BGC+20, CGY+23, CNK24, CRGGSC20, CBH+22, CBH+23, CHMM23, CFH+25, CMRMC+21, CGG+25, DAB+23, DOF25, DSdP22, DSM+23, DYS+21, DRO23, EHP+21, FH23, FLR23, GDd+21, GBF20, GO21, GBRM21, GSR23, GZGH22, GLLP23, Han23, HPG+24, HCJT23, JME24, KR22, KV23, KKS23, KK23, LR25, Lei20, Lei24, LLS+22, LGBG23, MF21, MF22, MDF21, NWVN20, OGD+20, PPFB24, PAM22, PGC+22, RT24a, RLB25, RKCvB25, Roy21, RY22, SXL+20, SSX+22, SF23, SF24b, SNK20, SOGK+23, SBJR21, TKRA20, WWR+24, WRB22]. **mathematical** [WCWL21, WSC+22, WSEK23, XYK+20, XZZ+23, YS25, YTH+21, dCC+23, LS25a, Pru25]. **maths** [DAB+23]. **mating** [CT22, GCM23, RWHK21, Sak22a]. **Matrix** [PJB21, ABC+21, BH23, DOF25, GHA+20, IHO+20, ST20]. **matrix-deposited** [BH23]. **matter** [FFNG+21]. **maximizes** [Sme21]. **maximizing** [HMS21]. **maximum** [GFH20, GRW+21, NNNHA24]. **May**

[Ano20u, Ano20i, Ano21u, Ano21i, Ano22t, Ano22i, Ano23q, Ano23h, Ano24q, Ano24h, Ano25o, Ano25g, FVB20, For24, LPD23, PD23, ZWC+22]. **MCF7** [GHB22]. **mChialvo** [SMM+23]. **mean** [GFAP+25, TDRC23, dDA21]. **mean-arterial** [TDRC23]. **meaningful** [TT20]. **means** [LYYN20]. **measles** [FHM20, SSX+22]. **measure** [AGTJ23, CN21]. **measured** [CK20b, KC22]. **measures** [BERR20, KHW+22, LL20, NKE23, Pie21]. **Mechanical** [LZ23, Tay23, GHS18, GHS20, KIO+25, TKR+21]. **mechanics** [Coh20, GADDVG+24, GRW+21, SS22, YOIS24]. **Mechanism** [HH21, MP22, ACD20, FZE22, GT22, HL20, NNOBS23, NO24, OY21, SAK21, SVHM+21, WXS25, Xie23, YXW21, ZLYL20]. **Mechanisms** [SK23, WS22, CLD21, CBK+20, GGS+24, HD22, HGZM25, Jac25, JKSD23, LSZ21, Nah20, SWK+20, SBW+22b, TH21, ZQHN24]. **Mechanistic** [DRO23, MZG+20, SBC+20, XCH+20, BS21, CF20, KHW+22, TKRA20, VVD24]. **Mechanistic-mathematical** [DRO23]. **mechanobiochemical** [HAGADDM24]. **mechanochemical** [KJM20]. **mechanoreceptor** [PCR21]. **mechanosensory** [PTK+24]. **media** [DTS21, YTY+20, YSP+23]. **mediated** [BJG21, CNK24, DBD23, FK21, HSL24, KJM20, LYE+24, MF24, MB22, PJVR23, SK21, SBC+20, TDRC23, PL20]. **medicine** [NDB20]. **Mediterranean** [KGP+22]. **medium** [FFR23]. **medium-large** [FFR23]. **meet** [GCX+20]. **melanoma** [TKRA20, XZZ+23]. **MELK** [NTTI22]. **mellitus** [DNK+24]. **membership** [VB21]. **membrane** [Car23, NNOBS23, PLXD+20, QYY+23, SHY21, WM21a, XSH+24]. **membrane-bulk** [PLXD+20]. **membranes** [SSKP24, YMR24]. **Memory** [LFJ21, MBT22, FNGJ21, IHO21, KR22, LGSR21, RY22, ZSN22]. **Memory-driven** [LFJ21]. **Memory-guided** [MBT22]. **memory-TFT** [KR22]. **memristive** [ANGJ25, KR22]. **memristors** [SY25]. **menopausal** [Dal22]. **menstrual** [ASSL22, AGBLGA+22]. **Menten** [CLM+25]. **mesenchymal** [GHB22]. **mesh** [LMLP20]. **mesoderm** [JA23]. **meta** [MS20]. **meta-heuristic** [MS20]. **metabolic** [CP23, CKM+20, CTL+22, CDdV23]. **Metabolism** [CRGGSC20, CKM+22, ISC23, JS23, LR25, LPBMA21, Swe20]. **metabolites** [SL24]. **metacommunities** [MG21, QPL21, RH23]. **metacommunity** [BACS24, Cai22, VB21]. **metalloproteinases** [DOF25]. **metapopulation** [ASKG25, BYHH20, HAP22, LNT23, MH22a, MM22, dKCA22]. **metapopulations** [ON24]. **metastatic** [DBS23, GYY+23, Han23, LF25, PV24]. **meteorological** [ZZ22]. **methicillin** [SHH20]. **methicillin-resistant** [SHH20]. **method** [CRG+23, DSdP22, GWZ+22, HXK+20, KK22a, LGT21, LFZ+24, LLZ+22, MMS+23, Osb24, PZG20, RGBD25, TMC+23, YAN21, YCKK24, YLT22]. **methods** [BKP23, KHB+22, MS20, PTZ21, SOGK+23, TH20, WBS20]. **methylation** [ABC25, DKSP24, GK20, LS21]. **metrics** [PB21, ZMKF22]. **metronomic** [WCZL25]. **Mexico** [FPGOCP+25]. **MGMT** [LS21]. **MI** [REK20]. **mice** [GDQR23, WMHV24]. **Michaelis** [CLM+25]. **micro** [DHLS20, IDMG24, BAJ+21]. **micro-CT** [BAJ+21]. **micro-organisms**

[IDMG24]. **microalgae** [PP20, PP24, MB21]. **microalgal** [SSLMGC25]. **microalgal-based** [SSLMGC25]. **microbe** [MC22]. **microbes** [HI21]. **microbial** [Ala20, BRBF20, CLG20, KHBS20, KYHN23, TMC+23]. **microbicidal** [BJB+20]. **microblog** [YSP+23]. **microenvironment** [GF23, HAP22, HS24, JS23]. **microenvironmental** [FSK21]. **microfibril** [CLD21]. **microfluidic** [CGG+25]. **microglia** [LR25]. **microplastics** [WW24]. **microRNA** [PL20, SOKZ22]. **microRNA-mediated** [PL20]. **microscale** [MK24]. **microscopic** [GHS18, GHS20]. **microscopy** [LG23]. **microtubule** [AW22, JMD20, Xie23, Xie25, YSK23]. **microtubule-based** [JMD20]. **microtubules** [RKP20]. **microvascular** [KG23]. **microvasculature** [HBK+20]. **microvesicle** [DMR21]. **microvessels** [FFR23]. **midbrain** [ZSL23]. **migrating** [SKNvRL22]. **migration** [BEBA20, DHLS20, FLO25, HVTA20, HH20, HAGADDM24, MPC+24, OKT+21, PABS23, YL25, YdKdJ+20]. **migrations** [KH24, LFJ21]. **Miller** [KJV20]. **mimicry** [QHS23, TT24]. **mineral** [RBD+20]. **mineral-rich** [RBD+20]. **mineralization** [CPMF+22]. **Minimal** [LSWVB24, CA21, KG22, MAHMH20]. **minimising** [FB24]. **minimization** [Ros21, SL22]. **minimize** [Ros22]. **minimum** [CLF+22]. **miR** [SMS20]. **miR-9** [SMS20]. **miR34** [NWVN20]. **miRNA** [BJG21, LS25b]. **miRNA-mediated** [BJG21]. **misuse** [TRKB25]. **mitigated** [Tay23]. **mitigation** [MBHG+24]. **Mitochondrial** [QYY+23, FMO23, GCC20]. **mixed** [Ala23, CBBD22, CBKS21, EB21, KRSG24, RWHK21, SKS21, Sak22a, PK23]. **mixed-mode** [KRSG24, PK23]. **mixing** [Avv23, DJ22]. **mixotrophs** [ADLM24]. **mixture** [FGA+24]. **mixture-like** [FGA+24]. **MMM** [ZSN22]. **mobility** [MM22, MDF21, RH23]. **modal** [LFZ+24]. **modalities** [HAP22]. **mode** [BAU+22, CP23, HFD23, KRSG24, PK23]. **Model** [ASK20, BKZ+22, BMB+21, FHR22, PLSS24a, SD25, AGP+21, AG22, AKHM23, Ala20, Ala23, AZdV+22, AHW21, ATH+24, ABK24, ABOR20, ABB+22, AML+22, AGBLGA+22, ACF22, ACP20, AABG20, AMR+23, AZYF+23, ABC25, BCC+21, BRN+22, BvdG20, BBB+25, BPP+20, Bar23, BC21, BGB+21, BBDB22, BH24, BJB+20, BGC+20, BKPT25, BRBF20, Bol22, BM20, BAG+24, BV24, BGGM23, BGA21, BGM22, BPS25, CGY+23, CNK24, CGK23, CRGGSC20, CLF+22, Car23, CBH+22, CBH+23, CMLM23, CF20, CGW22, CDC20, CLSB23, CS20, CCSF21, CGG+25, CBKS21, CSP21, CGGG20, CA21, DHC25, DMR21, DTS21, DN22, DCS20, DDDMT22, DSM+23, DYS+21, DO21, DJ22, ETTT24, ES20, EWS23, EHP+21, ECH+23, EBK21, FG22, FPX20, FFR23, FH23, FPGC21, FBSD22, FBMG25, FPGOCP+25, FS24, FGA+24, FET+24, FPS24, FLR+21]. **model** [FLRR23, FSC21, DNK+24, GTGB21, GDd+21, GFH20, GMMR22, GSW+23, GCX+20, GCC20, GO21, GGSTS21, GJDS20, GFN23, GBRM21, GRPG24, GBHNHVL23, GW20, GF23, GGG21, GPDW20, Gre25, GHF22, GHS18, GHS20, GYY+23, HIA+22, HBK+20, HAP22, HPG+24, HYM+22, HHT25, Hen20, HCJT23, HBWLLPA21, Hoe24, HXZ+22, HGZM25, ISC23,

IH21, IY22, JS23, JME24, JFCK20, JA23, JWKA21, JCLS+11, JCLS+21, JLK22, JKH+23, KT20b, KG22, KR22, KCW+25, KKS23, KK22a, KHW+22, KSSM20, KJM20, KHAK21, Kro25, KRG24, KKK+20, LSWVB24, LR25, LS21, LPP+25, LF25, LR21, LMB22, LYE+24, LPBMA21, LLS+22, LMS21, LX21, LGBG23, LZL+25, LFJ21, LTB25, LMA21, LCYD23, MP22, MLK21, MUMS24, MSB24, MD22, MBMA25, MFGACST23, Mar24, MEPS22, MH22b, MDS25, MI23, MPC+24, MEBNZ24, MF21, MF22, ML21, MDF21]. **model** [MB24, NCL20, NNOBS23, NWVN20, OLF+24, OGD+20, Ost23, PPS+21, PLXD+20, PLSS24b, PK23, PGC+22, dAPdBMTS20, Pro24, dMQHRGA+22, dVRA20, RZRS+22, RRAO21, Rev25, RLB25, Roy21, RY22, RBW20, SPLS+23, Sak22b, Sal25, SSB20, SLTD22, SKNvRL22, SKNvRL23, SD20, Sch17, Sch23, SMEG22, SF24a, SRDC21, SL21, SLML20, SWK+20, SF23, SF24b, SBW+22a, Sim25, SNK20, SBSB23, SFYL20, SHH20, SWVW25, SD22, SSK+25, SUA+20, SVHM+21, SXJ20, SH21, SBJR21, SZR+25, Swe20, TMTK22, Tay23, TTBL21, TH20, Tsu20, TKRA20, VKS+20, VG25, VA22, VGC22, Vol24, WWR+24, WSY21, WDH+20, WCWL21, WFT23, WDA+23, WSEK23, XYK+20, XZW+24, Xie25, YWQX23, YHT24, YTH+21, YDS24, YL25, YM23, ZSN22, ZG21, ZWC+22, ZWT24, ZYF25, ZLZ+25, dLFO21, dCC+23, EHA+21]. **Model-based** [BMB+21, FHR22, ECH+23, LPP+25]. **modeled** [EE23, IJROTE22, ZSS+22]. **modelers** [ZMKF22]. **Modeling** [ATAJS20, AW22, BW24, BBH+20, CCF+20, CAARG21, CHT22, CFH+25, CLJ+23, CPM21, DSB+21, DBW22, FFR22, GHB22, Goy21, GQK+21, GDQR23, HBGV+21, JKSD23, KG23, KBS+19, KNY25, MK21, MF24, MDG24, ND24, PGP23, PWC+23, RNP+21, RSPB+22, SJNRS20, Ter23, TH25, UV23, Wal22, WMHV24, ZRL+21, ZZ22, ASL+24, Avv21, BCK24, BS21, BYHH20, BT22, BSV+24, BLP20, CCH+24, CC22, CSH+25, DRO23, ELM25, FLR23, GADDVG+24, GMR+24, GTE20, GFV+23, GEHL+22, HI20, HKBK25, HS20, JHFMP+21, KV23, KLLL22, KTP+20, KM20, KK23, Kuz24c, LRAP22, LHG+22, LSZ21, LCMW21, LB20, LS25a, MMK+24, MHV+21, MAHMH20, MCP20, NDB20, PCLL21, PRFSHV20, Pat22, PHL+23, PBB20, PAM22, RRZDF20, SVVPPR+24, SBC+20, SL23, TCH21, TTBL21, Tha24, VTDM21, WLJ+20, WSC+22, XWS24, XZZ+23, YSP+23]. **modeling** [YE21, ZQHN24, CCA20, FGES24, KBS+20, LZZ+23]. **modelled** [CG21]. **Modelling** [ASSL22, AMSC20, BHW+20, BDB25, CZN+21, CSHH20, CLD21, CLLL20, FG22, GTGB21, GZM+20, HPK+20, HCSAB21, Hil23, Hon20, KPA+21, LMC21, LFY+24, NNG20, PD23, PJVR23, PBD+20, STCSC+21, SMM24, SCHH20, Ste21a, TML20, TGC22, TS23, dJHP20, ASK20, ABBP21, AMA20, AY22, APR+22b, BLRV21, BEBA20, BEO+22, BDdG22, BCBP25, CBK23, CMRMC+21, CN21, DAB+23, DOF25, DLN20, DEM+23, GCC20, GZGH22, GLLP23, GtHH20, HAGADDM24, HMLO+23, MZG+20, NMC+21, NGKB21, PCR23, PASO21, RKP20, SXL+20, SSX+22, WP21, WRB22, XCH+20, ZZGG21, ZBT22, vdVPW+22, SC23a]. **Models** [BERR20, YRMWT20, AGP+23, ABBP21, AAF+25, AWC25, ASMN23,

AR21, ADP21, ASKG25, BJJM25, BCLJ24, BK20a, CK20a, CN20, DSdP22, DCL23, FS22, FSKG20, FVC20, FGC24, GZ24, HTD22, KPH+24, LT23, LK20, LLJ25, LH20, MMG21, MPH+22, MCO21, OGM+25, PLAC22, Pru25, RB22, RT24a, RGBD25, Rob22, RMG+21, Sco24, SBW+22a, SBB+22, SMM24, Sim25, TNHV21, VCS24, WCM+21, WW24, WCL+25, WHRH+23, Wor20, XKV20, XCFH23, YWWF25, YFF25, ZPP23, dDA21]. **modes** [PJB21, Tsu20, XZW+24]. **modification** [BSS+20]. **modifications** [HSL24]. **Modified** [JKH+23, BAU+22, NAR+20, PDD24]. **modular** [BEO+22, SY24, TS23, YLZ+21]. **modularity** [PMCLC+23, SY24]. **modularity-disease** [SY24]. **modulate** [KPP20]. **modulates** [CCPD22, CBZK21, WCD21]. **modulating** [HS24]. **modulation** [GK21, HKBK25]. **modules** [RW20, YLZ+21]. **moiety** [GHA+20]. **Molecular** [CRRRP+20, Sch21b, SMS20, Xie23, ACD20, CLM+25, MPTCT+20, Nah20, OSAR21, RK22b, RBG+23, SS23, TH20, Xie24, ZSN22]. **molecularly** [PK23]. **molecularly-explicit** [PK23]. **molecule** [CNK24, KJV20]. **molecule-mediated** [CNK24]. **molecules** [AN24, KJV20]. **moment** [HH21]. **moments** [Sch18, Sch21a]. **monitoring** [DSB+21, PLAC22]. **monocytogenes** [Jac25]. **monogamous** [HH20]. **monolayer** [MI23]. **monomers** [Kuz24c]. **Monte** [LGT21]. **Moon** [RBW20]. **Moran** [AAF+25]. **Morphogen** [WA22]. **Morphogen-directed** [WA22]. **morphogenesis** [MMS+23]. **morphogenetic** [ELM25]. **morphology** [BFD25, HXS21, YL25]. **mortality** [MGCH21, NAR+20, SFYL20, ZQHN24]. **mosquito** [AWC25, TEWN21]. **most** [DAB+23]. **moth** [TKR+21]. **moths** [GtHH20]. **Motif** [GW21, Wad22]. **motile** [MDS25]. **motility** [Avv21, BM20, PK23, TCMA21]. **motion** [BFG21, PP20, PP24]. **motions** [YBF23]. **motor** [RKP20, Sch21b, Xie21, Xie22, Xie25]. **motors** [Xie20, Xie23, Xie24]. **mound** [FOY21]. **mouse** [CPHL+20, KKK+20, dGSNK22]. **mouth** [RLW+21]. **mouthpart** [SAK21]. **movement** [ABBP21, EP20, FH23, HVC+21, HL24, LFJ21, MI20, OIK+24]. **movements** [CCPD22]. **moving** [CCSF21]. **mpox** [GFAP+25]. **MRIs** [ZLZ+25]. **mRNA** [ECBR20]. **MSI** [HKL25]. **MSI-H** [HKL25]. **MSI-H/dMMR** [HKL25]. **mtDNA** [HD22]. **mTORC1** [GMS20]. **mu** [RE25]. **much** [DWNW24]. **mucin** [JME24]. **mucosal** [AMA20]. **mucus** [JME24]. **muddy** [RBD+20]. **Muller** [BS22a]. **Muller's** [KNK21]. **Multi** [DSdP22, NNOBS23, ZSL23, ASK20, BCGG21, Coh20, Cor21, Cor22, CSDH+25, GSW+23, HSAH20, LPA25, LX21, LFZ+24, LMC+20, LCYD23, MEPS22, MCM20, Osb24, Pro24, SS23, Sin21, TGC22, ZB22, dIMM24]. **multi-agent** [Pro24]. **multi-cellular** [Osb24]. **multi-drug** [BCGG21]. **multi-host** [Cor21, Cor22, Sin21]. **multi-level** [ASK20]. **Multi-method** [DSdP22]. **multi-modal** [LFZ+24]. **multi-objective** [ZB22]. **multi-omics** [LCYD23]. **multi-period** [dIMM24]. **multi-period/multi-phasic** [dIMM24]. **multi-phasic** [dIMM24]. **Multi-scale** [NNOBS23, Coh20, LX21]. **multi-source** [LMC+20]. **multi-strain** [GSW+23, MEPS22, MCM20, TGC22]. **Multi-timescale** [ZSL23].

multi-trophic [LPA25]. **multi-type** [CSDH+25, SS23]. **multi-year** [HSAH20]. **multicellular** [KIO+25, MCO21, NSMH25, SMEG22, WMO23]. **multidrug** [GSR23]. **multifarious** [KKS23]. **multifractality** [HD25]. **multihost** [SYH20]. **multimers** [KB20]. **multinomial** [SKNvRL22, SKNvRL23]. **multiplayer** [CWW22]. **Multiple** [KBD+23, MHI23, dIMM24, AHS23, BvdG20, BV24, CDC20, FRMK22, GQK+21, LMG22, MF21, SBM+20, SXJ20, WSL25, XCH+20, Yam24, vBW20]. **multiplied** [CLW+24]. **Multiscale** [PP20, PP24, ST20, BCC+21, CGGG20, DSM+23, SMEG22, SZR+25, YJZ+24, YFF25]. **Multisolitons** [FET+24]. **Multisolitons-like** [FET+24]. **multispecies** [KLC24, RK22b]. **Multistability** [Pfe22, FLR+21]. **multistable** [GT22]. **multivariate** [PLM24]. **mumps** [APR+22b]. **murine** [ATH+24]. **Murray's** [Ros21]. **Muscle** [GRW+21, AG22, CDC20, Coh20, GHS18, GHS20, IHO+20, PCLL21, PO20, SL21, XSH+24]. **Mushroom** [GK21]. **mussels** [ZSS+22]. **mutagenic** [SSS21]. **Mutant** [RDDSA25, EWK20, HII22, HD22]. **mutated** [ZWC+22]. **mutation** [AL23, KNK21, KL21b, LZW23, TS23]. **mutation-selection** [KNK21]. **mutations** [CWT+23, HBG21, Sak20, Sak22b]. **mutual** [DB22a, LL20, MHI23]. **mutualism** [GZ24]. **mutualisms** [MRK24]. **mutualistic** [BSC20b, DBD23, KYI21]. **mutualists** [YJBF20]. **mutually** [GQG23, YST21]. **mutually-repressed** [YST21]. **Myc** [LS25b]. **Mycobacteria** [FK21]. **Mycobacterium** [AKUN20, AML+22, JLK22, WPEP22]. **mycorrhizal** [MGZ+21]. **myeloma** [BV24]. **myocardial** [ABB+22, MF22, NMC+21]. **myocarditis** [vdVPW+22]. **myocytes** [MCL21].

n [Kur23]. **n-player** [Kur23]. **nACh** [WM21a, WM21b]. **naïve** [KHHI25]. **nanoparticle** [ASP23]. **nasal** [CKF+24, PWC+23]. **National** [KM22]. **natural** [Akh22, Akh23, Hon20, HL24, Jam21, KT21, WW24]. **naturally** [CN20, HL21]. **naturally-bounded** [CN20]. **nature** [DB22a, GRW+21]. **navigation** [HCC+21, OTCE24]. **NCHB** [PZG20]. **near** [BM20]. **nearest** [Ios21]. **necessary** [SLCC22]. **neck** [SCD+23]. **necrotic** [BAG+24]. **nectar** [HZS+21, Rev25]. **needed** [GFV+23]. **negative** [BBK23, IIH25, LYE+24, LMS21, SVHM+21]. **neighbor** [Ios21]. **neighboring** [ENMW21]. **Neisseria** [TKB+20]. **neither** [HHI24]. **nematode** [EBK21]. **neoadjuvant** [HKL25]. **neocortical** [GFN23]. **Nepal** [AGP+21, AGP+23]. **nervous** [CGGG20]. **nested** [NBBR23]. **nestedness** [Bau20]. **net** [RP21b]. **nets** [ASK20, Ngo22, ORT24]. **Network** [CSH+25, PB21, RT24a, TNHV21, VTDM21, ACG24, AH25, AZYF+23, BSC20a, CLW+24, CPMF+22, CC22, DBS23, DLSA24, EWS23, FLRR23, GFN23, GSMG22, HHT25, LK20, LK25a, LK25b, Nah20, PZXC22, PABS23, dAPdBMTS20, dVRA20, RBG+23, SOKZ22, SMM+23, SCH24, WDT+20, WLW19, WLW20, YZSS20, YST21, YdKdJ+20]. **Network-based** [RT24a]. **network-structured** [PABS23]. **networks** [AGTJ23, ANGJ25, BGB+21, Bau20, BFD25, CP23, CKM+20, CKNCG22,

DBD23, EIK+21, EWS23, GT22, IKYW21, KG23, LPP+25, LL20, LWXM20, LS25b, MM22, PJVR23, PPGB20, PB21, PZG20, RMSS24, RW20, RBG+23, Ter23, Tha24, WSL25, WW22, XWS24, YDS24, YLZ+21, dDA21]. **Neural** [GtHH20, HHT25, LL20, MB24, WDT+20]. **Neuro** [GT20]. **Neuro-Glia** [GT20]. **neurobiology** [Bar21]. **neurodegenerative** [FSKG20, RB22]. **neuromechanical** [YWTC25]. **neuromodulation** [YWTC25]. **neuromuscular** [WS22]. **neuron** [BSC20a, SY25, YMR24]. **neuron-system** [BSC20a]. **neuronal** [BBK23, BFD25, CHT22, YLZ+21, ZSL23]. **neurons** [ANGJ25, BRN+22, EE25, GFN23, SHY21, TKR+21]. **neurovascular** [BSC20a, CGK23]. **Neutral** [MY20, BJR+22, FVC20, PLM24]. **neutralization** [PS22a]. **neutralizing** [dCC+23]. **next** [AN24]. **next-generation** [AN24]. **niche** [MCO21, PASO21, RID23]. **Nigeria** [MZG+20]. **Nile** [BGC+20]. **NIRS** [BSC20a]. **nitric** [GJDS20]. **nitrogen** [CBBD22]. **NMDA** [MP22]. **No** [Bar23, Goy21, LMA21]. **node** [ADP21, PZJPZ23, Wad22]. **node2vec** [MM22]. **nodulation** [KYI21]. **Noise** [HLS+25, YM23, BS25, EE25, HGCC22, PEMLD22, SOKZ22, Tsu20, WS22, WNHK21, YFZ+20]. **Noise-induced** [HLS+25, YM23, SOKZ22]. **noises** [YM23]. **noisy** [DF22]. **Non** [DB22b, FZE22, Xie20, AMSC20, BE22, BB21b, For24, FGC24, GTGB21, HL24, IHG21, JKH+23, Kan21, LRST22, MDS25, MTLZ22, MWO21, Sim25, Täu20, TBNS23, TH21, VCS24, XKV20, YDS24, ZWC+22]. **Non-24-h** [DB22b]. **non-adaptive** [Täu20]. **non-adaptively** [For24]. **Non-cooperative** [FZE22]. **non-enzymatic** [TH21]. **non-equilibrium** [AMSC20]. **non-essential** [Kan21]. **non-exponentially** [YDS24]. **non-grouping** [TBNS23]. **non-homogeneous** [IHG21]. **non-human** [HL24]. **non-identifiable** [Sim25]. **non-Kolmogorov** [XKV20]. **non-Markovian** [VCS24]. **non-motile** [MDS25]. **non-pharmaceutical** [FGC24, JKH+23, LRST22, ZWC+22]. **non-random** [MWO21]. **non-recessive** [BB21b]. **non-small** [BE22]. **Non-tight** [Xie20]. **non-uniform** [GTGB21, MTLZ22]. **nonfeeding** [IYY22]. **Nonlinear** [FBJR20, NVS20, Tsu21, ZB22, AHW21, AGTJ23, FNGJ21, GSC23, LPA25, SVHM+21, vBBB+25]. **nonlocal** [EIK+21, MMG21, VGC22]. **nonparametric** [CRG+23]. **nor** [HHI24]. **normalization** [HS24]. **normoxia** [CBZK21]. **norms** [LB25]. **norovirus** [JAW25]. **northwest** [XDT+20, ZZ22]. **Notch** [Pfe22, SMS20, WSL25]. **note** [ASKG25, TRKB25]. **Nothing** [EBA21]. **Novel** [GT20, IB21, ASF22, FSC21, GGSTS21, HXK+20, KRG24, LMC+20, MZLJ20, MS20, PRJ+20, RP21b, Roy21, SLTD22, TMC+23, VGC22, Wu24, YJZ+24]. **November** [Ano20v, Ano20j, Ano21v, Ano21j, Ano22u, Ano22j, Ano23r, Ano24r]. **nuclear** [LHG+22]. **nucleation** [FSKG20, IMM24, RB22]. **nucleotide** [BEO+22]. **nucleus** [HGZM25]. **null** [CCSF21]. **number** [BTS24, DF22, HMS21, KRSSH21, LMW21, XDT+20]. **numbers** [WCL+25]. **Numerical**

[KG22, Kuz24c, MPA23, AKHM23, NSZ+25, Osb24, PP20, PP24]. **nuptial** [IY22]. **nurse** [MCL20]. **nut** [ZLYL20]. **nutlin** [AAL+21]. **nutlin-3a** [AAL+21]. **Nutrient** [MSB24, ABB+22, AML+22, ACP20, IDMG24, LGBG23, OTI+20, SFYL20]. **nutrient-** [AML+22]. **nutrient-limited** [LGBG23]. **nutrient-phytoplankton** [SFYL20]. **nutrition** [HBGW+25]. **nutritional** [FHTK20].

O [AG22]. **obesity** [SF24b, VTDM21]. **obesity-induced** [SF24b]. **objective** [ZB22]. **objects** [CRDD22]. **obligate** [KM22, VB21]. **observability** [Mar24]. **observation** [GSR23, MMI21]. **Observations** [JFCK20]. **observer** [BAU+22]. **obstacles** [Pro24]. **obstructive** [DEM+23]. **occur** [LS21]. **occurrence** [GMV+20, HHI24, MGVS21]. **ocean** [Ios21]. **oceans** [MK24]. **October** [Ano20w, Ano20k, Ano21w, Ano21k, Ano22v, Ano23s, Ano24s, Ano25p]. **ocular** [Ost23]. **ODEs** [ILGI20]. **off** [APR+22a, BSS+20, Cai22, MEA21, VP22, WK25]. **offs** [ADLM24, SUA+20]. **Ohio** [KBW+23]. **oilseed** [KCW+25]. **old** [SL24]. **Olfactory** [HCC+21, PR21, Bar21, OTCE24, TKR+21]. **Oligomerisation** [Koc20]. **olive** [BCS+22, WWR+24]. **olives** [MUMS24]. **Omicron** [PD23]. **omics** [LCYD23]. **omnivores** [BD22]. **on-going** [Hon20]. **Oncolytic** [SC23a, JFCK20]. **oncotically** [JJR20]. **One** [GHS18, GHS20, BRN+22, BC21, FET+24]. **one-dimensional** [BRN+22, BC21, FET+24]. **ones** [Dal22]. **Ongoing** [PZJPZ23]. **only** [Dal22]. **onset** [CR20, ML21, NSMH25]. **opinion** [YSP+23]. **opinion-transfer** [YSP+23]. **Optic** [YBF23]. **optically** [SC21]. **Optimal** [ASP23, ATH+24, CGW22, CS20, CS21, GQG23, HMS21, IDMG24, IMM24, IHS25, Kis24, KYI21, LPLM25, LZL+25, MSLW23, MH22a, PLAC22, UIY22, VMRSL23, WSL25, YCKK24, APL21, BKP23, CD22, DBD23, GCX+20, HPWvdB20, KRG24, LK25a, LK25b, MB21, MSL23, MC20a, NDB20, PHL+23, RG21, Sal25, SYI20, SBM+20, TATT21, TTBL21, ZZB+21]. **optimality** [BF20, MBF21]. **optimally** [NTTI22]. **Optimisation** [BS25, HKL25, KKL20]. **optimising** [FG22]. **Optimization** [KK23, DCS20, SGM+25, Wu24]. **optimizing** [SLTD22]. **opting** [Kur23, LL21]. **opting-out** [Kur23, LL21]. **option** [GDd+21, Kur21, Kur23]. **OQDS** [BCS+22]. **orbit** [MC20b]. **orbits** [LW20]. **orchestrates** [AVSTS23, GK21]. **orchid** [SWK+20]. **order** [GFN23, LMB22, LPD23, PR21, RMG+21, SSR21, Wad22, ANGJ25]. **Ordovician** [ELRG21]. **organ** [CKF+24]. **organic** [IHS25]. **organisation** [ES20, PRP+20]. **organised** [AMSC20]. **organisms** [HL21, IDMG24, ND22, PTK+24]. **organization** [HJKS20]. **organize** [STCSC+21]. **organized** [HL20]. **organophosphates** [GJCLMQC20]. **organotypic** [FSC21]. **orientation** [GLLP23, Hoe24]. **orientation-based** [Hoe24]. **origin** [Di 21, JWKA21, KI20, SK21, TH21, Wal20]. **originate**

[AS21]. **originated** [For24]. **Oryctes** [CGY+23]. **Oscillation** [MBMA25, HXZ+22]. **Oscillations** [SGJ+24, CSF20, CBK+20, LYE+24, MP22, PLXD+20, PK23]. **oscillator** [MUMS24]. **oscillatory** [IHO+20, MP22]. **OSIRIS** [BvdG20]. **osmoregulation** [UIY22]. **osmotic** [DN22]. **osmotically** [DN22]. **osteoblast** [CPMF+22]. **osteochondral** [CNK24]. **osteogenic** [DBTI21]. **otter** [LZ23]. **outbreak** [BGM22, CR20, GDC+25, LRST22, MBHG+24, SOGK+23, YLT22, ZRL+21]. **outbreaks** [APR+22b, BCS+22, BFSA23, DHR25, ENMW21]. **outcome** [BCBP25, Goy21]. **outcomes** [BW25, DTLS24, FBA21, JLK22]. **outcrossing** [YI21]. **outer** [BCC+21, QYY+23]. **output** [KMI23, SHY21]. **outward** [SHY21]. **ovarian** [FHR22]. **overdispersion** [GFH20]. **overlapping** [XML22]. **overproduction** [Sak22a]. **ovules** [Sak22a]. **ownership** [Cai22]. **oxide** [GJDS20]. **OXPHOS** [JS23]. **oxygen** [NM23, TCH21]. **oxygenation** [SLTD22]. **oyster** [JCLS+11, JCLS+21].

P [HKBK25]. **P-TEFb** [HKBK25]. **p38** [KLLL22]. **p53** [AVSTS23, AAL+21, BAU+22, NWVN20]. **packing** [RID23]. **paddy** [LYYN20]. **paediatric** [SdB23]. **PafBC** [FK21]. **PafBC-mediated** [FK21]. **pair** [AZdV+22, CT22, Sal25]. **pair-formation** [AZdV+22]. **pairwise** [LK20]. **pancreatic** [CCH+24, CHMM23, FVB20, PAM22, WCZL25]. **Pandemic** [HMLO+23, AGP+23, APF+24, ASS+23, DAB+23, JKH+23, LPLM25, NGKB21, XCH+20, dIMM24]. **pandemics** [STCSC+21]. **paper** [WM20]. **papillomavirus** [GMMR22, Sal25, GTE20]. **paradigm** [AA22, BH20]. **paradox** [Sco24]. **Parameter** [DCS20, FPGOCP+25, KBD+23, SBW+22a, DO21, FHR22, GMR+24, IMM24, KH20, SBB+22, YOIS24]. **parameterized** [CGG+25]. **parameters** [GB23, GFV+23, SC21, WHRH+23]. **Parasite** [HK21]. **parasites** [CBPG23, TEWN21]. **parasitic** [MCL20]. **parasitoid** [KH24, Sin21, VP22]. **parasitoids** [MGCH21]. **parent** [Sak22a]. **parents** [Pag25]. **parity** [For24]. **Park** [KM22]. **Parkinson** [RNP+25]. **Parkinson's** [HXZ+22]. **parsimonious** [FGC24]. **Part** [GADDVG+24, DAB+23, CTL+22, CDdV23]. **partial** [SMM24, VGC22]. **particle** [BLRV21, LFY+24, MK24, WFL+24]. **particles** [HYM+22, SGM+25]. **partner** [EBA21, ZWWW23]. **passage** [BJG21, WA22]. **Passive** [PCR23, AJR+20, BC21]. **past** [CKNCG22, Pro24]. **patch** [FPS24, GSC23, SXJ20, ZZB+21, ZYF25]. **paternal** [HMS21]. **path** [LKP+20]. **pathogen** [BW25, HI20, LT22, MW20, TGC22]. **pathogen-host** [BW25]. **pathogens** [FG23, GG23]. **pathologies** [GADDVG+24]. **paths** [CLW+24, MMI22, Swe20, YZB20]. **pathway** [AZYF+23, CSF20, CKM+22, FSNS20, GMS20, KPH+24, LMA21, VTDM21]. **Pathways** [IYL+25, BBK23, CTL+22, CDdV23, SL24, SMM+23, XYK+20]. **Patient** [DO21, BG21, DLN20]. **Patient-specific** [DO21, DLN20]. **patients** [DEM+23, PAM22, TKRA20, YCKK24]. **Pattern** [HYM+22, PLXD+20, ZSS+22, BPM+22, CGW22, DEM+23, HS20, HII22,

HH20, JMD20, KG22, Kan21, NO24, PP20, PP24, RK22b, WH21, ZWW22]. **patterning** [LTS+21, WCD21]. **Patterns** [Kee23, AR20, ABvH+20, CKTW24, CWT+23, EWS23, FET+24, HRD+24, HL20, KH20, LKP+20, MTB24, Pfe22, Pis25, SMM+23, TWT23, TKR+21, WS24, WDHB20]. **pause** [AW22]. **payoffs** [KL21b]. **PD** [BS21, LBF24, SSLMGC25]. **PD-1** [BS21]. **PD-based** [SSLMGC25]. **PD-L1** [BS21]. **peak** [CSDH+25]. **peaks** [RE25]. **peer** [LDL+24]. **PEF** [ZLYL20]. **pellets** [SVVPPR+24]. **pembrolizumab** [HKL25]. **pendulum** [ABOR20]. **peptide** [KKL20, WDT+20, ZLYL20]. **Perceived** [SZR+25]. **perception** [MGFS+20]. **performance** [CBKS21, FGES24, WM21b]. **period/multi** [dIMM24]. **Periodic** [MC20b, ES24, IDMG24, LFJ21, LW20, NKE23, SF24a]. **periodical** [KMA+21]. **periodicity** [XDT+20, Yin21]. **periodicity-2** [Yin21]. **Peripheral** [Nak25, PS22b]. **Perivascular** [dGSNK22, YTW21]. **permeability** [EE23, SJNRS20]. **permeabilization** [QYY+23]. **permits** [ABOR20]. **peroxisome** [VTDM21]. **persistence** [BS25, CHSB20, JAB22]. **Persistent** [Ste21b, SCH24, AABG20]. **Personalized** [NDB20, YTH+21]. **perspective** [BCK24, GADDVG+24, MS25, NO25, PV24, RSPB+22, SKS21, Ste21a]. **perspectives** [ZZB+21]. **perturbation** [HLW24]. **perturbations** [QPL21]. **pest** [BB21b, BPS25, SJS+25]. **pesticide** [CFH+25]. **pesticides** [GJCLMQC20]. **pests** [IIHH21]. **petri** [ASK20]. **pH** [AML+22]. **pH-stress** [AML+22]. **phage** [Mit20, TTBL21]. **phage-bacteria** [TTBL21]. **phagocytosis** [dLFO21]. **Phanerozoic** [TP24]. **Phantom** [FVB20]. **pharmaceutical** [FGC24, JKH+23, LRST22, QWZK24, ZWC+22]. **pharmacodynamical** [AAL+21]. **pharmacodynamics** [MPA23]. **pharmacokinetics** [MPA23]. **pharmacological** [GCNZ+21, MCL21]. **pharmacology** [BS21]. **Phase** [RNP+25, APF+24, AGTJ23, CKM+20, GT22, KBD+23, MG21, PWC+23, SVHM+21]. **phase-amplitude** [MG21]. **phasic** [dIMM24]. **Phenomenological** [HBWLLPA21, AGBLGA+22, LPBMA21]. **Phenomenological-based** [HBWLLPA21, AGBLGA+22, LPBMA21]. **phenomenon** [NNNHA24]. **Phenotype** [BV24, DLN20, AN24, FBSD22, FLRR23, MEA21, RMSS24, WZP+23, WBKR22]. **Phenotype-** [DLN20]. **phenotype-detection** [RMSS24]. **phenotype-genotype** [WBKR22]. **Phenotype-structured** [BV24, FBSD22, MEA21]. **Phenotypes** [WPEP22, EB21]. **Phenotypic** [CBZK21, LS21, CBK23, EWK20, GDLF20, GFL23, MSLW23, PCLL21]. **phenotypically** [APL21]. **Philip** [Whi21]. **Philippines** [ECH+23]. **phloem** [COB23]. **phosphate** [SGJ+24]. **phosphoinositide** [dLFO21]. **phosphoinositide-based** [dLFO21]. **phospholipid** [SSKP24]. **phosphorus** [MDF21, TMTK22]. **photoacclimation** [MB21]. **photobioreactor** [PP20, PP24]. **Photoinhibition** [SC21]. **photoreceptor** [WCWL21]. **phyllotaxis** [OY21, Wal22]. **phylogenetic** [BK20a, CKTW24, GMV+20, Ish23, LT23, MGVS21, PZG20, SSR21]. **phylogeny** [BPM+22]. **physical** [IYL+25, LPBMA21, YXW21]. **Physically**

[GCC20]. **Physically-plausible** [GCC20]. **physics** [Avv23]. **Physiological** [FSNS20, FGES24]. **physiology** [ASSL22]. **phytoflagellates** [BEBA20]. **phytophagous** [OYT25]. **phytoplankton** [MSB24, OLF+24, PB22, SFYL20]. **PID** [GFN23]. **pig** [SHH20, ZRL+21]. **pigmentosa** [Rob22]. **Pillars** [Don23, Pru25, Sal24, Tha24, Wil23]. **PIN7** [Nah20]. **pine** [ZLYL20]. **pinnate** [Ros22]. **pipeline** [ASK20]. **pirate** [Mit20]. **PKC** [LYE+24]. **place** [MSM23]. **placental** [BAJ+21]. **Placoparia** [ELRG21]. **planaria** [CMLM23]. **planarian** [HL20]. **plankton** [MSB24]. **plankton-fish** [MSB24]. **planktonic** [SMJ20]. **planning** [MAHMH20]. **Plant** [MC22, Rev25, ASF22, CCA20, CLD21, DP22, DLSA24, LKP+20, MRK24, MTB24, MGZ+21, NNG20, OYT25, RLB25, Wal22, WWR+24, WLJ+20]. **plant-herbivore** [MTB24]. **Plant-microbe** [MC22]. **Plant-pollinator** [Rev25]. **plants** [KHST21, MDG24, MCL20, MI20, QHS23, ZG21]. **plaque** [Kuz24c, MF21, PCLL21]. **plaques** [Kuz24a]. **plasmid** [AZdV+22]. **Plasmodium** [MSK+22, DDDMT22, TEWN21]. **plastic** [APL21]. **plasticity** [ADLM24, CHSB20, EWK20, KKS23, WCL+25]. **plate** [WS22]. **platelets** [BEO+22]. **platform** [BS21, RRZDF20]. **plausible** [GCC20]. **player** [KL21b, Kur23]. **plays** [CRGGSC20]. **PLC** [LYE+24]. **pleiotropic** [Nah20]. **Poacher** [HL21]. **Poacher-population** [HL21]. **poaching** [HL21]. **Pocillopora** [HPG+24]. **point** [HBK+20, LMA21]. **points** [CSH+25, DBD23, LS25b]. **polarization** [BBK23, Car23, FLR+21, KJM20, PLXD+20]. **policies** [WUH23]. **policing** [CKB+21]. **policy** [FHM20, TT20, TATT21]. **poliomyelitis** [CGP+20]. **pollen** [HMS21, Rev25]. **pollinator** [MRK24, QHS23, Rev25]. **pollinators** [HMS21]. **pollutants** [ZZ22]. **pollution** [HHT25]. **Pólya** [PLM24]. **Pólya-splitting** [PLM24]. **polymerization** [IMM24, YL25]. **Polymorphic** [RBZP24]. **polymorphism** [BK20a, ZF21]. **polymorphism-aware** [BK20a]. **polymorphisms** [MRK24]. **polyploidization** [MDG24]. **polyploids** [PS22b]. **pool** [FBA21, SdAM24]. **pools** [RBD+20]. **Poor** [ZM20, SdB23]. **poorly** [BC20]. **PopART** [LPP+25]. **popular** [Mar24]. **Population** [FSKG21, HC24, SKS21, APR+22a, AR20, AWC25, AKUN20, Bai21, BKPT25, BS22a, D'A20a, D'A20b, EWS23, EP20, EBK21, FPS24, GB23, GFAP+25, GG23, HK21, HZM+21, HSAH20, HL21, KHAK21, LGT21, LDF23, LL21, LH20, MGVS21, MTLZ22, MCP20, MB22, MS25, NKE23, PP20, PP24, RDDSA25, RBZP24, RH23, SSB20, SXL+20, ST20, SBW+22a, Sin21, SD22, TBNS23, WZP+23, WSY21, WHRH+23, YI21, ZZB+21]. **Population-level** [SKS21, GG23, WHRH+23]. **populations** [AS21, ASS+23, BJR+22, BB21a, BKZ+22, BRS24, CN21, IHG21, LDL+24, LG23, Lio18, Lio24, LH20, LRST22, ML24, MCMdAM24, MEA21, NBBR23, ORW+20, PLAC22, PABS23, PRHS20, PAV21, dVRA20, Sak20, Sak22b, SC23b, SS21, WH21, WM20, WFT23, vBBB+25]. **portrait** [GZGH22]. **position** [KIO+25, YBF23]. **position-based** [KIO+25]. **Positive** [IIH25, LR25]. **Possible** [HGZM25, BBK23, JME24, KI21, RR24]. **post**

[PWC+23]. **posterior** [CSP21, HGF23]. **potassium** [SL21]. **potato** [EBK21]. **potential** [CSHH20, KPA+21, LMA21, MBHG+24, NSD22, PAM22, RMS+25, TKB+20, Wal22, WS22, WUH23, XSH+24]. **Potts** [TCMA21]. **Power** [CSVB25, FMO23, MK24, Ros22, WM21a]. **power-law** [MK24]. **Powered** [Sac22]. **Powered-gliding** [Sac22]. **Powered-gliding/climbing** [Sac22]. **practical** [SOGK+23, WBS20]. **Pre** [JJR20, FPGC21, PGC+22]. **Pre-atherosclerotic** [JJR20]. **pre-clinical** [PGC+22]. **pre-exposure** [FPGC21]. **prebiotic** [CRRRP+20, PPGB20, RBD+20]. **precancerous** [WHH22]. **precision** [KMI23]. **predation** [AM22, BSC20b, BSL24, GtHH20, IDD23, RCM+25, SYH20]. **Predator** [ASMN23, QPL21, AM22, BB25, BG21, FSKG21, GRPG24, KHBS20, KSSM20, Leh21, LTB25, PPS+21, STB20, XKV20]. **predator-prey** [AM22, GRPG24, KSSM20, Leh21]. **predators** [CBPG23, Pis25]. **predict** [CKM+20, dMQHRGA+22]. **predictability** [PL20, YLZ+21]. **Predicting** [LMW21, REK20, SL24, WDT+20, AWC25, LFZ+24, Tsu21]. **prediction** [BJJM25, CLW+24, DTLS24, Sim25, KYI21]. **predictions** [CCA20, GFV+23]. **Predictive** [YRMWT20, AHW21, EPF20, JLK22, PGC+22]. **Predictor** [BDB25]. **predicts** [CF20, LSWVB24, LHG+22, Swe20]. **preference** [OYT25]. **preferences** [ZWWW23]. **preferentially** [KKL20]. **pregnancy** [ASSL22]. **PrEP** [DHC25]. **preparedness** [LPLM25]. **presence** [Ala23, CKB+21, DP22, DHLS20, SFK+23, WZP+23]. **present** [Kur21]. **Preservation** [LYYN20]. **preserved** [AOB21]. **preserves** [RWHK21]. **pressure** [DRO23, ETTT24, KM20, TDRC23, WGRE21]. **prestressed** [ZL20]. **presuming** [Avv21]. **Prevalence** [BKP23, AKUN20, Cor21, Cor22, YdKdJ+20]. **prevent** [LYYN20]. **Prevention** [BCS+22, IYL+25, ORT24]. **prey** [ABvH+20, AM22, BSC20b, BG21, CBPG23, FSKG21, GRPG24, KHBS20, KSSM20, Leh21, LTB25, MSM23, PPS+21, PTK+24, Pis25, STB20, TBNS23]. **Price** [Lio18, Lio24]. **primary** [Ost23]. **principal** [PWC+23]. **principle** [Gav25, WH21]. **principles** [AN22b, LTS+21]. **printed** [BMB+21]. **prion** [FSKG20, GCNZ+21, RB22]. **prion-like** [FSKG20, RB22]. **prioritization** [KIM+22]. **priority** [TT20]. **prisoner** [FS24, MMI22]. **pro** [LBF24]. **pro-cancer** [LBF24]. **Probabilistic** [BCLJ24, DEM+23, JCC20, GBHNHVL23]. **probabilities** [RK22b]. **Probability** [CSDH+25, FVC20, CCSF21, DHC25, EWK20, FSK21, GMV+20, MGVS21, MCM20, YLT22, ZWT24]. **probe** [PJPH25]. **problem** [Ios21, MB21]. **problems** [FBA21]. **proboscid** [SWK+20]. **proboscises** [SAK21]. **procedure** [NDB20]. **process** [AMSC20, Bai21, BH20, DHR25, EE23, EBK21, GWZ+22, GADDVG+24, HS20, IB21, KCW+25, LMS21, LZW23, NNOBS23, NKE23, NTTI22, SS23, SRB+24, San21, SHK20, ZWT24]. **process-based** [EBK21, KCW+25]. **processes** [Bol22, CNK24, GC20, PLM24, Wad22]. **processing**

[DB22a, MB22, SLCC22]. **produce** [BW25]. **produces** [ZM20]. **producing** [IHS25]. **production** [BLRV21, DDDMT22, Kuz24a, OTI+20, TH25, Tsu21, YI21]. **productivity** [MTB24, WDHB20]. **Professor** [Ano21-49, CSW24]. **profile** [KBD+23, RMSS24]. **profiles** [DRO23, SWVW25]. **progenitor** [VGC22]. **programmatic** [LT22]. **programmes** [SXL+20]. **programming** [SYI20]. **progression** [CBH+22, CBH+23, PCLL21, WMO23, YXW21]. **project** [YLT22]. **Projecting** [KBW+23, SFK+23]. **projection** [HGZM25]. **projective** [RBW20]. **proliferation** [Car23, CGR22, GCNZ+21, GFL23, HD22, SK21]. **proliferative** [MCO21]. **proliferator** [VTDM21]. **proliferator-activated** [VTDM21]. **promise** [MB21]. **promote** [PHN+23, SW22]. **promoter** [GTE20, LS21]. **promotes** [CK20b, DCP+22, JMWX23, LK25a, LK25b, TMTK22]. **promoting** [Cor21, Cor22, Kro25]. **prone** [PRHS20]. **proneness** [LB25]. **Propagation** [DP22, NM23, LMS21, YSP+23]. **properties** [BJG21, CK20a, CMRMC+21, GBHNHVL23, HDM20, Mar24, MS20, NKE23, OSAR21, dAPdBMTS20, RNP+21, RG21, WM20, YSK23]. **property** [AOB21]. **Prophylactic** [MW20]. **proportion** [WCL+25]. **proposing** [KV23]. **prosocial** [LDL+24]. **prospect** [HGCC22]. **prostate** [CPM21, LF25, RNP+21, VVD24]. **protection** [CWF23, KT21, SSS21]. **protein** [AVSTS23, BJG21, CLW+24, CWT+23, CSH+25, FSKG20, FET+24, IMM24, KLLL22, LDaH22, LMC+20, Nah20, RKP20, RB22, San21, WDT+20]. **protein-peptide** [WDT+20]. **protein-protein** [Nah20]. **protein-spreading** [FSKG20, RB22]. **proteins** [BP21, Nah20, Xie21, Xie22]. **protest** [Vol24]. **prothrombinase** [GGS+24]. **protoxylem** [JMD20]. **provide** [Wad22]. **provides** [JME24, ZYLW21]. **Province** [APR+22b, SXJ20]. **provinces** [ZZ22]. **provisions** [KT20b]. **pruning** [SSK+25]. **pseudo** [WBS20]. **pseudo-marginal** [WBS20]. **public** [CPS20, FPX20, FFAV21, JCC20, RP21a]. **Puerto** [VMRSL23]. **Pulmonary** [LS25a, DEM+23]. **PULSAR** [RMS+25]. **Pulsatile** [DB22a]. **pulsations** [YTW21]. **pulse** [Bau20, CKM+20, DB22a]. **pulsed** [FFGR25, ZLYL20]. **pumping** [dGSNK22]. **punishment** [CPS20, FFAV21, JCC20, Mur25]. **purine** [RP21b]. **pyloric** [Avv21]. **pyrimidine** [RP21b].

QAP14 [GYY+23]. **QSARs** [MPTCT+20]. **qualitative** [DMPIG24, GDC+25]. **quality** [BBDB22, BYHH20, EBA21, HL24]. **Quantification** [YRMWT20, DLN20, OGM+25, RT24a, YHT24]. **quantifies** [HBK+20]. **quantify** [YG25]. **Quantifying** [ACG24, KKK+20, OKF+21, OTI+20, SD22, WCZL25, vBBB+25]. **Quantitative** [PRFSHV20, PGML20, ABC25, DH22, IY22, YLT22]. **quantities** [AH25]. **quarantine** [AHW21]. **Quasi** [BJR+22, BFG21, MDF21, Sme21, ESW24, Lio18, Lio24]. **quasi-equilibrium** [Lio18, Lio24]. **Quasi-neutral** [BJR+22].

Quasi-random [BFG21]. **Quasi-species** [Sme21]. **Quasi-steady** [MDF21, ESW24]. **quick** [BCS+22]. **quiescence** [Avv21]. **quota** [SGJ+24].

R [BH24, KK23]. **R-loop** [BH24]. **R0** [IHG21]. **rabies** [MK21]. **radiation** [DBW22, For25, MAHMH20, RMS+25, YS25]. **radiations** [PLR24]. **radical** [MSK+22]. **radiobiology** [KK23]. **radiotherapy** [CBZK21, CBK23, KK23, MEBNZ24, MAHMH20, SLTD22, WCZL25]. **radiovirotherapy** [ATAJS20]. **radius** [Kuz24b]. **random** [ABBP21, ABC+21, BFG21, CKTW24, FS24, FSK21, LWXM20, MWO21, Sch18, Sch21a, SFYL20, YHT24]. **randomized** [TAP+23]. **randomly** [UIY22]. **Range** [LAP24, MGFS+20, MC22, Wad22, WCD21]. **Range-limited** [LAP24]. **ranges** [BRN+22, XML22]. **rank** [Pie21]. **Rankings** [MBM+25]. **rape** [KCW+25]. **Rapid** [Täu20, CRG+23]. **rare** [MZLJ20]. **rat** [GMR+24, GEHL+22]. **ratchet** [BS22a, KNK21]. **Rate** [DCL23, AN24, AL23, BS22a, CLM+25, CPEK23, CT22, DHC25, GFAP+25, IHO21, KHAK21, Kuz24a, LZL+25, MMS+23, NAR+20, PZJPZ23, RGBD25, Tsu21]. **Rate-dependent** [DCL23]. **rates** [AM22, BRN+22, BLRV21, FVC20, GFL23, LZW23, MGFS+20, MTLZ22, RS24, ZYLW21]. **Ratio** [RS24, Gar23, HPSA21, HPSA23, JTB25, NAR+20, WSY21]. **Ratio-dependent** [RS24, WSY21]. **ratios** [JTB25, SSR21]. **rats** [SL23]. **RdCVFL** [WCWL21]. **Reacting** [ENMW21]. **reaction** [BNP+21, CGW22, EIK+21, GJDS20, KG22, KBS+19, KBS+20, KB22, PLXD+20, PLAC22, PPGB20]. **reaction-diffusion** [KB22]. **reactions** [SSS21]. **reactivation** [BPP+20, NVS20]. **Reactivity** [LW20, LLZS25, RE25]. **real** [EE25, HCC+21, KK22a, Wal22]. **real-time** [KK22a]. **realizations** [LML24]. **really** [TT20]. **rearrangement** [GPDW20]. **reasoning** [PAM24]. **rebound** [GDQR23, HHI24]. **receptor** [VTDM21, WM21a, WM21b]. **receptors** [CCVB+21]. **recessive** [BB21b]. **recipient** [HMS21]. **reciprocal** [CSVB25]. **reciprocity** [LMB22, MPA24, Mur25, PAM24]. **reckless** [BG21]. **recognition** [Sco24, ZWW22]. **recombination** [RWHK21]. **recommended** [GSR23]. **reconcile** [dGSNK22]. **reconstructed** [GMV+20, MGVS21]. **Reconstructing** [AKUN20]. **recorded** [HRD+24]. **recovered** [JKH+23]. **recovery** [BAU+22, PBB20, SKNvRL23]. **recurrence** [AGTJ23, YS25]. **recycling** [TMTK22]. **red** [HDM20]. **reduce** [BD21]. **reduced** [JS23, RH23]. **Reducing** [CK20b, SF24b, SCD+23]. **reduction** [ASK20, RRAO21, Sim25]. **reductionism** [Bar21]. **Redundancy** [MEA21]. **Redundancy-selection** [MEA21]. **reef** [HPG+24, JCLS+11, JCLS+21]. **reef-building** [HPG+24]. **reefs** [ZYF25]. **reencounter** [SKNvRL22]. **reflection** [GFH20, SKS21]. **reflux** [Avv21]. **refuges** [BB21b]. **refusal** [PB21]. **regeneration** [ABB+22, CNK24, CMLM23, HFD23, Lei20, Lei24, MFGACST23]. **regenerative** [DBW22]. **regime** [SF24a]. **regimen** [WCZL25]. **regimens** [MBM+25]. **region** [ACF22]. **regions** [HMLO+23]. **registration** [ZLZ+25]. **registry** [HRD+24]. **regress** [RKCvB25]. **regular** [BK20b]. **regularization**

[LLZ+22]. **regularly** [SMM+23]. **regulated** [YST21]. **regulates** [NTTI22, QWZK24]. **regulating** [QYY+23]. **regulation** [AG22, CCH+24, CHMM23, DOF25, FHR22, FHTK20, GTE20, GK20, KLLL22, KTU22, LMA21, MB22, PGML20, PEMLD22, PL20, SOKZ22, SJNRS20, SSKP24, WvdDL+21, XZW+24, YBF23, YST21, YTH+21]. **regulator** [LMA21]. **regulators** [FSKG21]. **Regulatory** [LB20, CPMF+22, DBS23, FLRR23, GT22, HL20, HBG21, HLW24, HGZM25, KV23, RW20, Tha24, WW22]. **reinfection** [BRAHV25, CLJ+23, Kee23, NVS20]. **relapses** [FRMK22]. **relapsing** [FRMK22]. **relapsing-remitting** [FRMK22]. **related** [MGCH21, NNNHA24, PLSS24a, PLSS24b, SBW+22b]. **relatedness** [QVE25]. **relating** [HL24]. **relations** [Wal20]. **Relationship** [TAP+23, JS23, SW22, SYH20]. **relationships** [BAJ+21, GSC23]. **relative** [CR20, GFAP+25, TBNS23, WCL+25]. **relatives** [KCO25]. **relaxation** [CLM+25]. **relaxed** [RK22b]. **release** [GSC23]. **releases** [BB21b]. **Reliable** [SBB+22]. **remating** [IY22]. **Remembrance** [Ano21-49]. **remitting** [FRMK22]. **remodeling** [FZE22, GADDVG+24, PJB21, SRB+24]. **removal** [LCYD23, WHH22, Xie25]. **renin** [TDRC23]. **renin-angiotensin** [TDRC23]. **reopening** [ASS+23]. **reorientation** [CLD21, YZB20]. **repair** [AZYF+23]. **repeat** [IB21, WUH23]. **repeated** [CWW22, MMI21, MMI22]. **repeats** [YY21]. **reperfusion** [NMC+21]. **replace** [LMLP20]. **replication** [BJB+20, LZZ20, PZJPZ23, TH21]. **Replicator** [AR21, FBMG25, LFT+23, MC20b, SH21]. **repopulation** [LR21]. **Report** [CKI20]. **reported** [Kee23, LMW21]. **reports** [YTY+20]. **representation** [GtHH20, Kan21, LDaH22, NR20, YG25]. **Representing** [CKM+22]. **repressed** [YST21]. **repressive** [ADP21, Vol24]. **reproduce** [FBSD22, SPLS+23]. **reproduction** [BB21a, DF22, HSAH20, XDT+20, Yam24]. **reproductive** [AM22, KRSSH21, MSM23, PLR24, Sme21]. **reputations** [MPA24]. **research** [DAB+23]. **reservoir** [HHI24]. **reservoirs** [HVC+21]. **residence** [Xie23]. **residency** [MGFS+20]. **residents** [AKUN20]. **resistance** [Ala20, Avv21, BCGG21, BV24, BB21b, DMR21, DYS+21, EBK21, FB24, GHF22, GDLF20, HDM20, HII22, HHI24, HPWvdB20, LKP+20, Ngo22, PV24, Ros21, Sch17, Sch23, SNK20, SP20]. **resistant** [CPM21, PJPH25, SHH20, VVD24]. **resolution** [AVP+25, KPH+24]. **Resolving** [CT22]. **Resource** [KHST21, MUMS24, FHTK20, IDMG24, MB21, MRK24, MC20a, OKT+21, RK22a, SdAM24, SLCC22, VVD24, WK25, Wor20, YTG24, EHA+21]. **resource-based** [VVD24]. **resources** [BP23, FBA21]. **respiratory** [CWF23, GJCLMQC20]. **Response** [LB25, TKRA20, WPEP22, AVSTS23, ACD20, ACF22, BBB+25, BPP+20, Bau20, BT22, BLP20, CAARG21, CBZK21, CLLL20, CKM+20, DAB+23, DCP+22, FG23, FBA21, FK21, For25, FHTK20, KHW+22, KSSM20, LPSMCP23, LLS+22, LFZ+24, LT22, MF24, MEBNZ24, OKF+21, QPL21, SBC+20, SMEG22, SVHM+21, SH21, Ter23,

TKR+21, Vol24, Wal20, WMHV24, XYK+20, XCFH23, ZZGG21]. **responses** [ACF22, EB21, FGES24, HDM20, LRAP22, SPLS+23]. **responsible** [SSM+22]. **resting** [AG22]. **restrict** [BJB+20]. **restriction** [JMD20]. **result** [LPD23]. **resulting** [ZXLH23]. **results** [GDQR23]. **retaining** [CKF+24]. **reticulum** [DLSA24, PO20]. **retina** [ABK24, BCC+21, FSNS20, YBF23]. **retinal** [SS22]. **retinitis** [Rob22]. **Retrospective** [KvLBD25]. **return** [LMA21]. **reveal** [DB22a, FLR+21, LWM23]. **Revealing** [RMS+25]. **reveals** [ASF22, AABG20, BLRV21, CLD21, GGSTS21, Goy21]. **reversal** [Leh21]. **review** [GLLP23]. **revisit** [JS23]. **revisited** [Bol22, CK20b]. **Revisiting** [BPS25, Gav25, Mar24, MY20, SY24]. **reward** [JCC20]. **rhinoceros** [CGY+23, CGY+23]. **rho** [KJM20]. **rhythm** [KMI23]. **rhythms** [BCK24, GK20, RE25, ZG21]. **ribosomal** [NCL20]. **riboswitches** [PRFSHV20]. **ribozyme** [RBD+20]. **rice** [LYYN20]. **rich** [RBD+20, TMTK22]. **richness** [FVC20, PS22a]. **Rico** [VMRSL23]. **RIG** [SBC+20]. **RIG-I** [SBC+20]. **ring** [YRMWT20]. **Rinzel** [KK22a]. **risk** [AGP+23, BRAHV25, GtHH20, LWM23, MHPB23, NVS20, RLW+21, SSB20, SCD+23, SZR+25, VCS24, YWWF25, ZXLH23]. **risks** [LRST22, SOGK+23]. **risky** [CPS20]. **rituximab** [BT22]. **RNA** [Akh23, Akh22, GK20, RP21b, TH21]. **RNA-based** [Akh23, Akh22]. **RNAP** [NCL20]. **road** [DP22]. **Robust** [BAU+22, JMD20, LH20, CKF+24]. **robustness** [ACG24, ADP21, DMAC21, IKYW21, WDA+23]. **rock** [BFG21, WM20]. **rods** [ABK24]. **Role** [Avv23, PCLL21, PZXC22, WPEP22, AMA20, AM22, BE22, BB21a, BFSA23, CRGGSC20, CLM+25, EB21, FOY21, GDd+21, GBRM21, Goy21, GDLF20, HS20, HBGW+25, ISC23, JD21, KT20b, Kro25, LPP+25, Leh21, LPBMA21, LWM23, LT22, LMA21, LS25b, MMS+23, NSMH25, NWVN20, NSD22, PGP23, PR21, PP22, PJPH25, RZRS+22, RY22, RSPB+22, RH23, SMJ20, SCD+23, WA22, WCWL21, XSH+24, YTG24, YE21]. **roll** [ECH+23]. **roll-out** [ECH+23]. **Rolling** [TH21, YZB20]. **Rolling-circle** [TH21]. **root** [CLF+22, FS22, KYI21, Kuz24b, LKP+20, NNG20]. **root-to-leaf** [LKP+20]. **rooted** [PZG20]. **roots** [WLJ+20]. **ROP** [JMD20]. **Rose** [ANGJ25]. **Rosenzweig** [Bar23]. **rotation** [YST21]. **route** [Lio18, Lio24]. **routes** [SD22]. **routinely** [HRD+24]. **RSC** [LCYD23]. **RSC-based** [LCYD23]. **rubrum** [KGP+22]. **rugged** [RID23]. **Rule** [WCM+21, APL21, For24, HZM+21, JCC20, Leh22]. **Rule-based** [WCM+21]. **Rules** [GRW+21, Leh22, ZMKF22]. **rumor** [GRPG24]. **Run** [GRW+21]. **Runaway** [LPD23]. **running** [ABOR20, GRW+21, SF24a]. **ruthless** [Bar21].

Saccharomyces [San21]. **sacoglossan** [YYI21]. **saddles** [WA22]. **Saharan** [LPP+25]. **same** [SW22]. **sample** [LSW20, TAP+23]. **samples** [SC21]. **Sampling** [SL22, CGS+25, DPR21]. **sampling-based** [CGS+25]. **sanctuary** [PZJPZ23]. **sarcoplasmic** [PO20]. **SARS** [ACF22, BLRV21, BFSA23, CWF23, CLJ+23, CPEK23, CWT+23, CSH+25, GFV+23, GFC+22, Hil23, JMWX23, KvLBD25, KRSSH21, Kee23, KBD+23,

LRST22, NSZ+25, PD23, PWC+23, PDD24, Roy21, TAP+23, WUH23, WHRH+23, XCFH23, YY21, Yin21, dCC+23]. **SARS-CoV-** [KRSSH21, PD23, Yin21]. **SARS-CoV-2** [ACF22, BLRV21, BFSA23, CWF23, CLJ+23, CPEK23, CWT+23, CSH+25, GFV+23, GFC+22, Hil23, JMWX23, KvLBD25, Kee23, KBD+23, LRST22, NSZ+25, PWC+23, PDD24, Roy21, TAP+23, WUH23, WHRH+23, XCFH23, YY21, dCC+23]. **sauropod** [KI21]. **savanna** [ES20, BGA21]. **scaffold** [MFGACST23]. **scaffolding** [KLLL22]. **scaffolds** [BMB+21]. **Scalable** [OV25]. **scalar** [AOB21]. **scale** [CCPD22, Coh20, FGES24, LX21, MBM+25, MZG+20, NNOBS23, dMQHRGA+22, Täu20, ZRL+21]. **scale-free** [CCPD22]. **scales** [GHS18, GHS20, HVC+21, PJB21, RCM+25, vBW20]. **scaling** [LHG+22]. **scarlet** [ZZ22]. **scavengers** [KM22]. **scenario** [KI20]. **schedule** [IHS25]. **scheduled** [BAU+22]. **scheme** [LMC+20]. **schistosomiasis** [VGTY21]. **Schooling** [CRDD22]. **scientific** [TRKB25]. **scissors** [WM20]. **scleractinian** [WDA+23]. **sclerosis** [AHS23, FRMK22, MF21]. **scrambled** [HJKS20]. **screening** [SXL+20]. **scrutiny** [GHF22]. **Sea** [WSY21, OKT+21, YYI21]. **seal** [CKF+24]. **search** [CGS+25, HCC+21, IH21]. **searching** [Kan21]. **seasonal** [IHS25, ML21, STB20]. **seasonality** [APR+22b]. **seasonally** [KHB+22]. **seasons** [HSAH20]. **Second** [AZdV+22, For24, LMB22, LPD23, REK20]. **second-order** [LMB22, LPD23]. **secondary** [RY22, San21]. **secretion** [GZM+20]. **secrets** [CKNCG22]. **sectional** [YAN21]. **sections** [Wu24]. **sediment** [JCLS+11, JCLS+21, ZSS+22]. **Seed** [PB22, KP21]. **seeing** [PZ20]. **segment** [HJKS20]. **segmental** [Avv23]. **segregation** [dKCA22]. **seizures** [HGZM25, RLL25]. **Selection** [AN22b, TP24, AN24, ASF22, ABvH+20, AR21, BC20, CS22, FBD23, GO21, Hon20, Jam21, Kau23, KNK21, LS21, LL21, LFT+23, LGSR21, Lio18, Lio24, MEA21, MEBNZ24, ORW+20, PAV21, RRAO21, RWHK21, SC23b, SBW+22a, SBJR21, WS24, WFT23, ZF21]. **selective** [IIH25, Kro25]. **Self** [dKCA22, AMSC20, CPMF+22, ES20, HL20, NGKB21, PRP+20]. **self-inhibition** [CPMF+22]. **self-isolate** [NGKB21]. **self-organisation** [ES20, PRP+20]. **self-organised** [AMSC20]. **self-organized** [HL20]. **Self-segregation** [dKCA22]. **selfing** [Sak20, Sak22b]. **Selfish** [Pag25, MHPB23]. **selfishness** [MC20a]. **Semi** [BH23, LPBMA21]. **Semi-autonomous** [BH23]. **semi-physical** [LPBMA21]. **senescence** [BF20]. **senile** [Kuz24a, Kuz24c]. **senolytic** [LF25]. **sensing** [DH22, PCR21]. **sensitive** [JAW25, MBM+25, PJPH25, Wad22]. **sensitivities** [FHR22]. **Sensitivity** [KRG24, Ala23, APF+24, Bar23, BD22, Cor21, Cor22, DSdP22, FLR+21, GSMG22, IYL+25, KBD+23, RRAO21, Swe20, VGTY21, DMAC21]. **sensitivity-based** [GSMG22]. **sensitizes** [FK21]. **sensory** [TKR+21, Wad22]. **Seoul** [JKH+23]. **Separate** [HSAH20, Rev25]. **Separation** [BA24, HS20, dMQHRGA+22, SVHM+21]. **sepsis** [RZRS+22]. **September** [Ano20x, Ano20l, Ano21x, Ano21l, Ano22w, Ano22k, Ano23t, Ano23i, Ano24t, Ano25q]. **sequence** [NCL20, YG25]. **sequence-dependent**

[NCL20]. **sequences** [CK20a, GW21, HBG21, LDaH22]. **sequencing** [AN24, SS23, WCZL25]. **serial** [YAN21, ZZT+21]. **series** [LDaH22, Wad22]. **seroepidemiological** [YAN21]. **serological** [GFV+23]. **serovar** [KT20a]. **services** [MBT22, QHS23]. **sessile** [CG21]. **set** [MPTCT+20]. **Sets** [Rav21]. **setting** [AJR+20]. **settings** [MCM20]. **seven** [Nah20]. **severe** [BSV+24]. **sex** [ASSL22, GMMR22, Gar23, HPSA21, HPSA23, JTB25, SW22, SL23]. **sex-ratio** [JTB25]. **Sexes** [CK20b]. **sexual** [LPP+25, ZXLH23]. **sexually** [HPSA21, HPSA23]. **SGL** [HXK+20]. **SGL-SVM** [HXK+20]. **Shanghai** [ZWW22]. **shape** [CRRRP+20, LKP+20, MTB24, Nak25, QVE25, QPL21, Ste21b, Tsu20, WK25, dIMM24]. **shaped** [ASMN23]. **shapes** [APR+22a, Haj20, KSSM20, SWVW25]. **sharing** [HPD20, MC20a, MHPB23]. **Sharp** [KMA+21, BM20]. **shear** [DBTI21]. **shedding** [AGBLGA+22]. **sheet** [YTW21, ZPP23, dJHP20]. **sheet-based** [ZPP23]. **shell** [KBS+19, KBS+20, KB22]. **shift** [DB22b, KR22]. **ships** [MBHG+24]. **shock** [ZZGG21]. **shocks** [DSB+21]. **shorebird** [HH20]. **short** [For25, PL20, SWK+20]. **short-** [PL20]. **shortening** [AW22]. **shows** [BJB+20, IH21, WDA+23]. **Shrinkage** [ZZT+21]. **sib** [GCM23]. **sideways** [Xie21, Xie22]. **Sidney** [Whi21]. **sigmoid** [SBW+22a]. **Signal** [Koc20, Wal20, BSC20a, Tsu21, Wad22, YLZ+21]. **signaling** [ACD20, BEO+22, CF20, DB22a, GHB22, LPD23, LML24, MF24, MCL21, MB22, Pfe22, WSL25, WCD21, XWS24]. **signalling** [CNK24, CSF20, CMRMC+21, CKM+20, GZGH22, HGCC22]. **signals** [LPD23, NSD22, PB21, SD22]. **significantly** [PAV21]. **silico** [BAJ+21, FSC21, WGRE21, XWS24, SBSB23, TKB+20, AVP+25, HIA+22, BH20]. **simian** [OKF+21]. **simian/human** [OKF+21]. **similarity** [BFD25, CLW+24, LDaH22, YG25]. **Simple** [OTCE24, dVRA20, BRN+22, BRBF20, DPR21, HCC+21]. **Simplified** [XCFH23, DNK+24, GCC20, HXZ+22, Sco24]. **Simulating** [MEBNZ24, Wu24, YZB20, MI23]. **Simulation** [GEHL+22, WS24, BTS24, ELRG21, dGSNK22, PO20, SCHH20, YFF25, ZG21]. **Simulations** [PJPH25, AKHM23, FSC21, LZZ+23, Osb24]. **Sina** [YSP+23]. **Sina-microblog** [YSP+23]. **Singaporean** [FPX20]. **single** [ABC25, DRO23, FVB20, HAGADDM24, JHFMP+21, KPH+24, SSKS18, SSKS20, TCMA21, WM21a, WM21b, YM23]. **single-cell** [KPH+24]. **single-channel** [JHFMP+21]. **single-locus** [ABC25]. **sink** [MGZ+21]. **SIR** [LK25a, CGW22, FPGOCP+25, Gre25, LK25b, Whi21]. **SIRS** [EB24, MBMA25]. **SIS** [LMG22]. **Sisyphus** [BFG21]. **Site** [RK22b, Sch21b]. **sites** [CRDD22, GPDW20, NNNHA24, PZJPZ23, WDT+20]. **size** [AABG20, BD21, BGM22, FMO23, GB23, GMR+24, HC24, KTU22, Kur21, KB20, MGVS21, MGCH21, NBBR23, RH23, TAP+23, XDZ+21, ZYLW21]. **size-related** [MGCH21]. **size-spectrum** [XDZ+21]. **sizes** [LSWVB24]. **skeletal** [AG22, GHS18, GHS20, PO20, SL21]. **slave** [GFN23]. **sleep** [ASL+24, BBH+20, CBKS21, DB22b, FNGJ21, GEHL+22, MMK+24, PBB20]. **sliding** [BAU+22]. **SLIP** [SF24a]. **slow** [PZJPZ23, Sch21b, WA22]. **Slowly**

[SHY21]. **slugs** [YYI21]. **small** [Avv23, BJR+22, BE22, DWNW24, Xie24]. **smegmatis** [AML+22]. **smooth** [Coh20, IHO+20, PCLL21, XSH+24]. **snapshot** [LGT21]. **Social** [CCPD22, SW22, BD21, CS20, CS21, CSVB25, CC22, CA21, DB22b, GGSTS21, GCA+20, Hoe24, IH23, JAB22, KT20b, LPLM25, LB25, ML24, OU22, PB21, SH21, TBNS23, WLW19, WLW20, Wil23, YSP+23]. **social-ecological** [JAB22, SH21]. **social-epidemiological** [PB21]. **socially** [TATT21]. **societies** [Hon20]. **socio** [DBD23]. **socio-mutualistic** [DBD23]. **sodium** [DCL23, PLSS24a, PLSS24b]. **soft** [BC21, Tsu20]. **soil** [HVTA20, MDF21, NNG20]. **soil-phosphorus** [MDF21]. **soil-transmitted** [HVTA20]. **solid** [CBZK21, HIA+22, dMQHRGA+22]. **solute** [JJR20]. **solution** [SD20, SF24a]. **solutions** [DMAC21, PLM24]. **Solving** [FS24]. **soma** [RR24, TG22]. **Somatic** [BC20, HRD+24, TS23]. **song** [MPH+22]. **source** [CRRRP+20, LMC+20, SXJ20]. **South** [LMW21]. **space** [AABG20, CCSF21, HAGADDM24, PJPH25, SKNvRL23]. **spaces** [IS20, LSW20, YTW21]. **spacing** [ABC+21, HZS+21]. **sparse** [HXK+20]. **Spatial** [ATP22, ES20, FHTK20, HVC+21, HI21, LNT23, XDZ+21, CS22, EP20, GCA+20, ILGI20, MBM+25, OYT25, PLAC22, PZ20, PJB21, RH23, SMJ20, SSBG20, WMO23, ZLYL20, ZWT24, vBW20]. **spatial-temporal** [ZWT24]. **Spatially** [ABK24, BYHH20, FSKG20, LZZ20, RB22, BB21a, D'A20a, D'A20b, ISC23, KMA+21, SD22]. **Spatially-dependent** [ABK24]. **Spatially-extended** [FSKG20, RB22]. **Spatio** [CBK23, LF25, WDH+20, BE22, MD22, POW23, Tsu20, WDA+23]. **spatio-stochastic** [MD22]. **Spatio-temporal** [CBK23, LF25, WDH+20, BE22, POW23, Tsu20, WDA+23]. **Spatiotemporal** [ZWW22, Pfe22, SMEG22, SP20]. **spawners** [BYHH20]. **specialization** [AM22, TG22, Whi20]. **speciation** [KLC24]. **species** [BP20, BA24, DP22, ES20, FVC20, GZ24, GRPG24, JTB25, MMG21, PS22a, PMD21, PZ20, PB22, QVE25, RT24b, RP21b, SdAM24, Sme21, UV23, YM23, ZF21, ZX22, RH23]. **specific** [CWT+23, DCL23, DO21, DLN20, GT20, KPH+24]. **spectra** [ES24]. **spectral** [RE25]. **spectrum** [WM21a, XDZ+21]. **speed** [GRW+21, KPP20, XML22, BDB25]. **speeds** [ABOR20]. **Spike** [YLZ+21, CWT+23, CSH+25]. **spiking** [BRN+22, LL20, PR21]. **spinal** [LSZ21]. **spiral** [OY21]. **spite** [BS22b, Kur23]. **Split** [ACMT24]. **splitting** [GHA+20, PLM24]. **spontaneous** [Gre25, WH21]. **sporogony** [TEWN21]. **spot** [CLM+25]. **spots** [Tsu20]. **spread** [AHW21, BGB+21, BGC+20, HPSA21, HPSA23, HFD23, ILGI20, LK25a, LK25b, MD22, MN23, PGP23, RGBD25, RLW+21, SRDC21, SHH20, WWR+24, YTY+20]. **spreader** [GRPG24]. **Spreading** [SS22, XML22, CGK23, CRGGSC20, FSKG20, GCA+20, LWXM20, RB22, TT20, TATT21]. **sprouting** [NNOBS23]. **Square** [FS22]. **Stability** [LLZS25, ASMN23, Don23, DLSA24, ES24, GZ24, GSMG22, KRSG24, LMB22, LFT+23, MTB25, SF24a]. **stabilizes** [Sin21]. **stabilizing** [Bau20, BYHH20]. **stabilizing/destabilizing** [BYHH20]. **stable**

[GK21, MIP+21, MC20b, MS25]. **staff** [WUH23]. **stage** [EBK21, Han23, LWM23, PPS+21, Sak20, SGJ+24, SJNRS20, YDS24]. **stage-dependent** [LWM23]. **stage-structured** [EBK21, PPS+21]. **stages** [MPA23, RG21, VGC22]. **stance** [GRW+21, SF24a]. **standard** [LZL+25, MB24]. **Staphylococcus** [BJB+20, SHH20]. **state** [AR21, CG21, DCL23, ESW24, HTD22, KPH+24, WSW21]. **state-dependent** [WSW21]. **state-specific** [DCL23]. **states** [ACD20, AABG20, CKM+20, KPH+24, SOKZ22, ZL20, GFV+23, KRSSH21, WSC+22]. **Stationary** [Sch18, Sch21a, PLM24]. **Statistical** [GFL23, HHT25, KH20, WLJ+20, CK20a, SSKS18, SSKS20, TH20]. **statistics** [MZLJ20]. **status** [LS21, RDDSA25]. **Staying** [VB21]. **steady** [ESW24, HTD22, MDF21, SOKZ22, SVHM+21]. **steady-flow** [SVHM+21]. **stealing** [SVHM+21]. **stem** [ABB+22, BC20, EWK20, For24, FBC23, KCW+25, LSZ21, Lei20, Lei24, PASO21, SK21, WvdDL+21, XZW+24, YWQX23]. **stem-cell** [LSZ21]. **stem-loops** [For24]. **stems** [HH21]. **stent** [LFY+24, WFL+24]. **step** [OY21]. **Sterile** [IIHH21]. **stevioside** [BSS+20]. **STI** [YCKK24]. **stickiness** [HMS21]. **stiffness** [Haj20]. **stimulation** [GEHL+22, YZSS20]. **stimuli** [TKR+21]. **stimulus** [CKM+22, DBTI21, YFZ+20]. **Stochastic** [CK20a, GTE20, HKBK25, KGP+22, RKP20, ZG21, BKPT25, BRBF20, DCS20, EE25, FLRR23, HII22, HHT25, HCR20, KHAK21, LS21, LFT+23, LTB25, MH22a, MD22, MCMdAM24, MPC+24, NKE23, OGM+25, SSB20, SBB+22, WSW21, WZP+23, WCL+25, WHH22, YWWF25, YFF25, BDB25]. **stochastic-based** [OGM+25]. **Stochasticity** [JAB22, Bar23, PS22a]. **Stochasticity-induced** [JAB22]. **Stoichiometric** [WW24, GHA+20, SMJ20]. **stomatitis** [PDD24]. **storage** [PS22a]. **straightness** [Nak25]. **strain** [CLJ+23, DBTI21, GSW+23, LMG22, MEPS22, MCM20, TGC22]. **strains** [TWT23]. **strand** [AZYF+23, TH21]. **strand-displacement** [TH21]. **stranded** [BH24]. **Strategic** [Whi21, GRPG24]. **strategies** [ADLM24, BSL24, CWW22, CS20, CS21, GMMR22, GW20, GQG23, HPWvdB20, HCC+21, IHG21, KT21, KIM+22, Kis24, KNY25, KRG24, MSLW23, MMI21, MC20a, Mit20, MMI22, MS25, RT24b, RWHK21, Sal25, STCSC+21, TNHV21, TNW21, WSW21, ZBT22]. **strategy** [AHW21, BP23, BK20b, BPM+22, DBD23, ECH+23, FBMG25, HMLO+23, KPP20, KCO25, LL21, MSL23, SKS21, ZZB+21]. **strategy-dependent** [FBMG25]. **streaming** [DLSA24]. **strength** [ASMN23, MGZ+21, STB20]. **stress** [AML+22, HH21, SLCC22, ZL20]. **stress-gradient** [SLCC22]. **stress/uniform** [ZL20]. **stresses** [MIP+21]. **stressors** [BvdG20]. **stretch** [GLLP23, ZL20]. **stroke** [WP21]. **strong** [Bar23, MIP+21]. **Structural** [CWT+23, GHA+20, CK20a, IKYW21, PB21, SVVPPR+24]. **structural-statistical** [CK20a]. **Structure** [BAJ+21, Van20, AH25, BSS+20, BK21, DBD23, EPF20, GHS18, GHS20, HPGF25, LPA25, RBG+23, San21, SY24, Tak24, WW22, WSY21, Wor20, ZF21, ZYLW21].

Structure-function [BAJ+21]. **structured** [AABG20, APR+22b, BB21a, BV24, CBH+22, CBH+23, DDDMT22, EBK21, FPGC21, FBSD22, FBD23, HK21, HTD22, LL20, LDL+24, Lio18, Lio24, LRST22, MCMdAM24, MEA21, ORW+20, PPS+21, PABS23, SSBG20, SMM+23]. **structures** [BAJ+21, FOY21, NKE23, PS22b, RK22a, RBD+20]. **strut** [WFL+24]. **studies** [BEO+22, GW20, PGC+22, XWS24]. **Study** [CWL20, AGP+23, AVP+25, Avv23, APR+22b, BJJM25, BBK23, BTS24, BCBP25, CWT+23, EP20, FNGJ21, GMMR22, GJDS20, GSR23, GDC+25, GK20, GBHNHVL23, HS20, JAW25, KBD+23, LLS+22, LX21, LRST22, MC20b, NMC+21, NKE23, NSZ+25, PCLL21, PZ20, PBB20, PO20, RBG+23, RLB25, Sch17, Sch23, SRDC21, SXL+20, SSX+22, WWR+24, WFL+24, WDH+20, WSC+22, XZZ+23, YSP+23, ZZGG21, ZQHN24, ZBT22]. **Studying** [ILGI20, KV23, HKBK25, OKT+21]. **sub** [SR24, SHY21, LPP+25]. **sub-exponential** [SR24]. **sub-harmonic** [SHY21]. **Sub-Saharan** [LPP+25]. **subclonal** [YJZ+24]. **subcutaneous** [HBWLLPA21]. **subfield** [MP22]. **subgenomes** [PS22b]. **subject** [DSB+21]. **subjective** [RSPB+22]. **subordinated** [LMS21]. **subpopulation** [HPK+20]. **subsidizing** [TT20]. **subsidy** [TATT21]. **Subsistence** [GCM23]. **subspecies** [BHW+20]. **substrate** [GGS+24]. **subthalamic** [HGZM25]. **subtree** [CKTW24]. **Success** [BB25, BKPT25, MSM23, RP21a]. **successful** [AS21]. **succession** [PLR24]. **suction** [NNG20]. **suggests** [ELRG21, LSZ21, SAK21]. **SUMOylation** [ZZGG21]. **sunfish** [Ios21]. **Super** [AVP+25, BB25]. **super-predator** [BB25]. **Super-resolution** [AVP+25]. **superinfection** [GW20, Hen20]. **superoxide** [TH25]. **superspreading** [BFSA23, DHR25]. **supplementary** [SSX+22]. **supply** [CLLL20, KHHI25, RK22a]. **support** [BCLJ24, DAB+23, HXK+20, YBF23]. **suppress** [IIHH21, TT20, TATT21]. **Suppression** [Tsu20, MHI23]. **surae** [CDC20]. **surface** [HAGADDM24, NSD22, TCMA21, YSK23]. **surgical** [LMLP20]. **surrounding** [FBSD22]. **surveillance** [OGM+25, vdBMB+23]. **surveys** [GFV+23]. **survival** [RT24b, SKNvRL23, TP24, ZX22]. **survive** [SKNvRL22]. **Survivor** [KL21a]. **Susceptibility** [GJCLMQC20, GFC+22, HGD+25, Kis24, RMG+21, TK25]. **susceptible** [GGSTS21, JKH+23, LK20]. **susceptible-exposed-infectious-recovered** [JKH+23]. **susceptible-infected-susceptible** [LK20]. **sustainability** [FBA21]. **Sustainable** [NNNHA24]. **sustains** [Mur25]. **SVM** [HXK+20]. **Sweden** [KPA+21]. **sweeps** [Kau23]. **swimming** [CG21, YTW21, ZPP23]. **swine** [ZRL+21]. **switch** [FRMK22, GZM+20, SBSB23, WCZL25]. **switches** [DB22a]. **Switching** [IHO+20, ASMN23, GDLF20, GFL23, MSLW23, PCLL21]. **symbiont** [KRSG24, VB21]. **symbionts** [BRBF20, VB21]. **symbiosis** [MC22]. **Symbiotic** [FFAV21]. **symmetric** [KL21b, LSZ21, SF24a, YWQX23]. **Symmetry** [RP21b, WH21, Wu24]. **symptom** [CR20]. **synapse** [KR22]. **synaptic** [KKS23, SMM+23]. **Synchronization** [ANGJ25, AR20, AGTJ23, BACS24, GFN23, RNP+25, SMM+23].

synchronized [MUMS24]. **synchrony** [KH24, QPL21, YdKdJ+20]. **syncytia** [JD21]. **syndrome** [BCS+22]. **synergies** [RMS+25]. **synergistic** [DMAC21, HS24, MGZ+21, RNP+21, SCD+23]. **synergistically** [IIHH21]. **synergy** [MAHMH20, PD23]. **synthesis** [ZLZ+25]. **synthetic** [RBG+23, XWS24]. **system** [BSC20a, BB25, BT22, CGG+25, FLR23, FGA+24, FSKG21, GF23, JSCW21, KMI23, KYI21, KH24, LS25a, MTB24, MHI23, MAHMH20, PASO21, RR24, RRZDF20, SdAM24, YWTC25, ZZB+21]. **Systematic** [HGF23, HLW24, LL20]. **systemic** [Jac25]. **Systems** [KTP+20, ACMT24, BP20, BS21, BEO+22, CBBD22, CHSB20, GCM23, GCC20, JAB22, KIO+25, KRSG24, LSW20, LTS+21, MMS+23, OKT+21, RG21, Sal24, SK23, TDRC23, TH20, Wal20, WBS20].

T [BCK24, CF20, CWL20, HPK+20, KV23, KHHI25, KKL20, PGC+22, RY22, WMHV24]. **T-cell** [HPK+20]. **T2D** [IYL+25]. **table** [RP21b]. **Tag** [BS22b]. **Tag-based** [BS22b]. **tagging** [KKS23]. **Tale** [CCVB+21]. **tandem** [GGG21]. **target** [DMAC21, SPLS+23]. **target-cell** [SPLS+23]. **targeted** [IIHH21, WSL25]. **targeting** [ZLYL20]. **targets** [AN24, HGCC22, TKB+20]. **task** [EE25]. **tasks** [BTS24, Yam24]. **taste** [BSS+20]. **tau** [RE25]. **Taylor** [YTW21]. **TBD** [TNW21]. **TCP** [LR21]. **teaching** [VA22]. **technique** [IIHH21, MSL23]. **techniques** [JTB25]. **TEFb** [HKBK25]. **teleost** [LSZ21]. **telescoping** [KPP20]. **Temperate** [CWR21]. **Temperature** [ADP21, QWZK24, BGC+20, EBK21, FGES24, KCW+25]. **temperature-driven** [BGC+20]. **Temporal** [AR20, HII22, MB22, SWK+20, BCC+21, BE22, CBK23, ILGI20, LF25, PS22a, POW23, PR21, Tsu20, WDH+20, WDA+23, ZWT24]. **temporarily** [FS24]. **tenase** [SSKP24]. **tension** [LKP+20]. **term** [BBH+20, FGC24, HD24, MPH+22, MWO21, PL20, Rav21, SXL+20]. **termite** [FOY21]. **terrain** [BFG21]. **terrestrial** [PCR23]. **Territorial** [ABC+21]. **tertiary** [JTB25]. **test** [MZLJ20]. **Testing** [WDA+23, BP23, CD22, CS21, CPEK23, Täu20, WUH23]. **testosterone** [Jam21]. **tethering** [KB20]. **TFT** [KR22]. **TGF** [GHB22]. **TGF-** [GHB22]. **thalamocortical** [FNGJ21, PZXC22, YZSS20]. **thanks** [CGG+25]. **their** [ABBP21, BH24, CKNCG22, CN21, Haj20, KK22b, LPP+25, MWO21, RE25, SKNvRL22, Xie23]. **Theor** [Akh23, CBH+23, Cor22, HPSA23, JCLS+21, Lio24, LK25a, PLSS24a, Sch21a, Sch23, SSKS20, Xie22]. **Theoret** [Lei24, PP24]. **theoretic** [AR21, CS20, NO25]. **Theoretical** [Avv21, CPMF+22, D'A20a, Don23, GB23, GK20, GHS20, NV22, PCR23, WLW20, CCA20, CGP+20, CTL+22, CDdV23, FFR23, GCX+20, MDS25, MCL20, Pru25, dMQHRGA+22, Sal24, Tay23, ZZB+21]. **Theory** [KJV20, MPTCT+20, RK22b, Akh22, Akh23, AA22, DMPIG24, KI21, Kan21, KYI21, KP21, dGSNK22, LYYN20, Leh22, LLJ25, MB24, POS21, PLM24, RR24, TRKB25, WBKR22, ZYLW21]. **therapeutic** [TKB+20]. **therapeutics** [PRJ+20]. **therapies** [SLML20, SBM+20]. **therapy**

[Ala23, ABB+22, BCGG21, BKPT25, BH20, CGGG20, DMAC21, FBC23, GSR23, HKL25, HD24, LR21, PHL+23, PGC+22, RMS+25, SC23a, SF23, SAG21, WSL25, YS25]. **thereby** [Wad22]. **Thermal** [FGES24]. **thermodynamics** [Tsu21]. **thermoperiods** [HLS+25]. **thermoplasty** [DLN20]. **thermoregulation** [BBH+20, ZM20]. **Thermotogales** [KI20]. **thick** [SC21]. **thickness** [SCD+23]. **thin** [BMB+21]. **thinning** [JME24]. **Thornley** [RLB25]. **threat** [KHB+22]. **Three** [ABBP21, Di 20, Ros22, ADP21, BSC20a, CLW+24, DAB+23, MI23, TWT23, XZW+24, YST21]. **Three-dimensional** [ABBP21, MI23]. **three-gene** [YST21]. **three-node** [ADP21]. **threshold** [CS22, GFC+22, KR22]. **thresholds** [BNPL20, Jac25]. **thrombus** [LFY+24, WFL+24]. **throughout** [OSAR21]. **throughput** [OTI+20]. **thyroid** [YTH+21]. **tick** [CPHL+20, TNW21]. **tick-borne** [TNW21]. **tick-mouse** [CPHL+20]. **ticket** [TATT21]. **tight** [Xie20]. **Time** [FPGOCP+25, AN22a, BKP23, BJG21, BD21, BRBF20, BK20b, CK20b, CSDH+25, EWS23, FBMG25, HBG21, HD25, KG23, KK22a, KC22, Kuz24b, LR21, LDaH22, LWM23, LG23, OLF+24, PRHS20, SSLMGC25, TH21, YST21, GC20]. **Time-delay** [FPGOCP+25]. **time-delayed** [YST21]. **time-dependent** [LR21, OLF+24]. **time-lapse** [LG23]. **time-varying** [LWM23, SSLMGC25]. **timeline** [IJROTE22]. **times** [FVC20, KLC24, Sch18, Sch21a, Xie23]. **timescale** [ZSL23]. **timescales** [BA24]. **timing** [AOB21, CR20, GGSTS21, KNY25, RDDSA25]. **tip** [RCM+25, SWVW25, dJHP20]. **tipping** [DBD23]. **tissue** [BC21, BMB+21, Car23, CGGG20, DOF25, DCL23, DWNW24, GO21, HBWLLPA21, KF20, LGBG23, MI23, Osb24, SLTD22, TCH21, WZKM21]. **tissues** [CBK23, Coh20, HCSAB21, WvdDL+21, WMO23]. **TMPRSS2** [PD23]. **toe** [ASSL22]. **tolerance** [JKSD23]. **tomato** [HLS+25]. **tongue** [HZS+21]. **top** [BD22, SMJ20]. **top-down** [SMJ20]. **topics** [YSP+23]. **topographically** [MPC+24]. **topography** [RE25, TCMA21]. **Topological** [Ish23, SD22, BP21, Ste21a]. **topologies** [EWS23]. **topology** [dAPdBMTS20, RH23, SCH24, WLJ+20]. **tornadoes** [BSJ20]. **total** [ESW24, FGC24, LKP+20, PZJPZ23, RH23]. **toxicants** [BBB+25]. **toxicity** [MSB24]. **Trabecular** [SCD+23]. **trachomatis** [AMA20]. **Tracing** [OSAR21, AHEB+22, BGM22]. **tracing-induced** [AHEB+22]. **track** [FLO25]. **tract** [ATP22, CWF23]. **Trade** [APR+22a, ADLM24, BGB+21, Cai22, HL21, MEA21, SUA+20, WK25]. **Trade-off** [APR+22a, Cai22, MEA21, WK25]. **trade-offs** [ADLM24, SUA+20]. **Tradeoffs** [YWTC25]. **trading** [KHW+22]. **traffic** [Sch21b]. **tragedy** [KHST21]. **training** [HHT25]. **trait** [CN21, DH22, IS20, LPA25, vBBB+25]. **trait-matching** [LPA25]. **traits** [ASF22, APL21, BTS24, CN20, CN21, LMG22, LT22, MWO21, vBW20]. **transactivation** [HKBK25]. **Transcription** [ACD20, BH24, NCL20]. **Transcription-based** [ACD20]. **transcription-dependent** [BH24]. **transcriptional** [LMA21, OV25, PRFSHV20]. **Transduction** [Koc20, PTK+24, Tsu21, Wal20]. **transfer**

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Anonymous:2020:Db

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Anonymous:2020:Fb

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Anonymous:2020:Da

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Anonymous:2020:Na

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Anonymous:2020:Sa

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Anonymous:2020:EBb

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Anonymous:2020:EBe

[Ano20-29] Anonymous. Editorial Board. *Journal of Theoretical Biology*, 488(??):??, March 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519320300242.

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Anonymous:2020:EBh

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Anonymous:2020:EBi

[Ano20-33] Anonymous. Editorial Board. *Journal of Theoretical Biology*, 492(??):??, May 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic).

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[Ano20-34] Anonymous. Editorial Board. *Journal of Theoretical Biology*, 493(??):??, May 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519320301156.

Anonymous:2020:EBk

[Ano20-35] Anonymous. Editorial Board. *Journal of Theoretical Biology*, 494(??):??, June 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519320301272.

Anonymous:2020:EBl

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Anonymous:2024:EBn

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[Ano25-31] Anonymous. Editorial Board. *Journal of Theoretical Biology*, 610(??):??, August 7, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S002251932500147X`.

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[Ano25-32] Anonymous. Editorial Board. *Journal of Theoretical Biology*, 611(??):??, August 21, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519325001705`.

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[Ano25-33] Anonymous. Editorial Board. *Journal of Theoretical Biology*, 612(??):??, September 7, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519325001900`.

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[APF+24] Leonardo Angeli, Constantino Pereira Caetano, Nicolas Franco, Steven Abrams, Pietro Coletti, Inneke Van Nieuwenhuyse, Sorin Pop, and Niel Hens. Who acquires infection from whom? A sensitivity analysis of transmission dynamics during the early phase of the COVID-19 pandemic in Belgium. *Journal of Theoretical Biology*, 581(??):??, March 21, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S002251932400002X`.

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[APL21] Piret Avila, Tadeas Priklopil, and Laurent Lehmann. Hamilton's rule, gradual evolution, and the optimal (feedback) control of phenotypically plastic traits. *Journal of Theoretical Biology*, 526(??):??, October 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321000242`.

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[ASMN23] Kevin M. Archibald, Heidi M. Sosik, Holly V. Moeller, and Michael G. Neubert. Predator switching strength controls stability in diamond-shaped food web models. *Journal of Theoretical Biology*, 570(??):??, August 7, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519323001327`.

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[ASP23] Tahani Al Sariri, Radostin D. Simitev, and Raimondo Penta. Optimal heat transport induced by magnetic nanoparticle delivery in vascularised tumours. *Journal of Theoretical Biology*, 561(??):??, March 21, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322003630`.

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[ASS+23] Elisha B. Are, Yexuan Song, Jessica E. Stockdale, Paul Tupper, and Caroline Colijn. COVID-19 endgame: From pandemic to endemic? Vaccination, reopening and evolution in low- and high-vaccinated populations. *Journal of Theoretical Biology*, 559(??):??, February 21, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322003599`.

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[ATH+24] Hannah G. Anderson, Gregory P. Takacs, Jeffrey K. Harrison, Libin Rong, and Tracy L. Stepien. Optimal control of combination immunotherapy for a virtual murine cohort in a glioblastoma-immune dynamics model. *Journal of Theoretical Biology*, 595(??):??, December 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0022519324002364`.

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[ATP22] Rosemary A. Aogo, Mark M. Tanaka, and Catherine J. Penington. Spatial dynamics of inflammation-causing and commensal bacteria in the gastrointestinal tract. *Journal of Theoretical Biology*, 548(??):??, September 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322001928`.

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[AVP+25] Lachlan Arthur, Vasiliki Voulgaridou, Georgios Papageorgiou, Weiping Lu, Steven R. McDougall, and Vassilis Sboros. Super-resolution ultrasound imaging of ischaemia flow: an *in silico* study. *Journal of Theoretical Biology*, 599(??):??, February 21, 2025. CODEN JTBIAP. ISSN 0022-5193 (print),

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[Avv21] Ravi Kant Avvari. Theoretical modeling of the resistance to gastric emptying and duodenogastric reflux due to pyloric motility alone, presuming antral and duodenal quiescence. *Journal of Theoretical Biology*, 508(??):??, January 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519320303155.

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[Avv23] Ravi Kant Avvari. Role of segmental contraction in the small intestinal digestion: a computational approach to study the physics behind the luminal mixing and transport. *Journal of Theoretical Biology*, 561(??):??, March 21, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519323000140.

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[AW22] Frederick Laud Amoah-Darko, Jr. and Diana White. Modeling microtubule dynamic instability: Microtubule growth, shortening and pause. *Journal of Theoretical Biology*, 553(??):??, November 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519322002491.

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[AWC25] Renato Andrade, Steven M. White, and Christina A. Cobbold. Incorporating adult age into mosquito population models: Implications for predicting abundances in changing cli-

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[AY22] Saige Andreychuk and Laith Yakob. Mathematical modelling to assess the feasibility of *Wolbachia* in malaria vector biocontrol. *Journal of Theoretical Biology*, 542(??):??, June 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322001084`.

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[AZYF+23] Cecilia Ayala-Zambrano, Mariana Yuste, Sara Frias, Benilde Garcia de Teresa, Luis Mendoza, Eugenio Azpeitia, Alfredo Rodríguez, and Leda Torres. A Boolean network model of the double-strand break repair pathway choice. *Journal of Theoretical Biology*, 573(??):??, September 21, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519323002059`.

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[BAG+24] Elton Diêgo Bonifácio, Cleudmar Amaral Araújo, Marcília Valéria Guimarães, Márcio Peres de Souza, Thiago Parente Lima, Bethânia Alves de Avelar Freitas, and Libardo Andrés González-Torres. Computational model of the cancer necrotic core formation in a tumor-on-a-chip device. *Journal of Theoretical Biology*, 592(??):??, September 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519324001772`.

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[Bai21] Fan Bai. Effect of population heterogeneity on herd immunity and on vaccination decision making process. *Journal of Theoretical Biology*, 526(??):??, October 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321002149`.

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[BAJ+21] Monika Byrne, Rosalind Aughwane, Joanna L. James, J. Ciaran Hutchinson, Owen J. Arthurs, Neil J. Sebire, Sebastien Ourselin, Anna L. David, Andrew Melbourne, and Alys R. Clark. Structure-function relationships in the feto-placental circulation from in silico interpretation of micro-CT vascular structures. *Journal of Theoretical Biology*, 517(??):??, May 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321000527`.

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[BAU+22] Sheher Bano, Muhammad Rizwan Azam, Ali Arshad Uppal, Syed Bilal Javed, and Aamer Iqbal Bhatti. Robust `p53` recovery using chattering free sliding mode control and a gain-scheduled modified Utkin observer. *Journal of Theoretical Biology*, 532(??):??, January 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321003337`.

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[BB25] Ayanava Basak and Nandadulal Bairagi. Success, failure and collapse of an ecological system due to the introduction of a generalist super-predator. *Journal of Theoretical Biology*, 612(??):??, September 7, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S002251932500164X`.

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[BBB+25] Aamy Bakry, Emma Brashear, Jacob Brashear, Shannon Z. Jones, and Marcella M. Torres. Development of a mathematical model of the innate immune response to inhaled toxicants. *Journal of Theoretical Biology*, 611(??):??, August 21, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519325001250`.

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[BBK23] Fan Bai, Richard Bertram, and Bhargav R. Karamched. A mathematical study of the efficacy of possible negative feedback pathways involved in neuronal polarization. *Journal of Theoretical Biology*, 571(??):??, August 21, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519323001583`.

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[BC20] Walter F. Bodmer and Daniel J. M. Crouch. Somatic selection of poorly differentiating variant stem cell clones could be a key to human ageing. *Journal of Theoretical Biology*, 489(??):??, March 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320300096`.

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[BCBP25] Eleanor Burch, Hannah Christensen, and Ellen Brooks-Pollock. The effect of outcome choice on vaccine dose

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[BCLJ24] Marcus Baaz, Tim Cardilin, Torbjörn Lundh, and Mats Jirstrand. Probabilistic analysis of tumor growth inhibition models to support trial design. *Journal of Theoretical Biology*, 595(??):??, December 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0022519324002546`.

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[BCS+22] Edoardo Beretta, Vincenzo Capasso, Simone Scacchi, Matteo Brunetti, and Matteo Montagna. Prevention and control of OQDS (olive quick decline syndrome) outbreaks caused by *Xylella fastidiosa*. *Journal of Theoretical Biology*, 542(??): ??, June 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322001163`.

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[BEO+22] Tim Breitenbach, Nils Englert, Özge Osmanoglu, Natalia Rukoyatkina, Gaby Wangorsch, Katrin Heinze, Andreas Friebe, Elke Butt, Robert Feil, Marcus Dittrich, Stepan Gambaryan, and Thomas Dandekar. A modular systems biological modelling framework studies cyclic nucleotide signaling in platelets. *Journal of Theoretical Biology*, 550(??):??, October 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S002251932200220X`.

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[BFG21] Nienke N. Bijma, Alexander E. Filippov, and Stanislav N. Gorb. Sisyphus and his rock: Quasi-random walk inspired by the motion of a ball transported by a dung beetle on combined terrain. *Journal of Theoretical Biology*, 520(??): ??, July 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321000813`.

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[BFSA23] Jordan Bramble, Alexander Fulk, Raul Saenz, and Folashade B. Agusto. Exploring the role of superspreading events in SARS-CoV-2 outbreaks. *Journal of Theoretical Biology*, 558(??):??, February 7, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322003447`.

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[BG21] Cecilia Berardo and Stefan Geritz. Coevolution of the reckless prey and the patient predator. *Journal of Theoretical Biology*, 530(??):??, December 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321002927`.

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[BGB+21] Jason Bassett, Jörn Gethmann, Pascal Blunk, Franz J. Conraths, and Philipp Hövel. Individual-based model for the control of Bovine Viral Diarrhea spread in livestock trade networks. *Journal of Theoretical Biology*, 527(??):??, October 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321002393`.

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[BH20] B. Brutovsky and D. Horvath. *In Silico* implementation of evolutionary paradigm in therapy design: Towards anti-cancer therapy as Darwinian process. *Journal of Theoretical Biology*, 485(??):??, January 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319304072`.

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[BHW+20] Nicholas J. Beeton, Geoffrey R. Hosack, Andrew Wilkins, Lawrence K. Forbes, Adrien Ickowicz, and Keith R. Hayes. Modelling competition between hybridising subspecies. *Journal of Theoretical Biology*, 486(??):??, February 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319304412`.

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[BJB+20] Alex Best, Jamil Jubrail, Mike Boots, David Dockrell, and Helen Marriott. A mathematical model shows macrophages delay *Staphylococcus aureus* replication, but limitations in microbicidal capacity restrict bacterial clearance. *Journal of Theoretical Biology*, 497(??):??, July 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (elec-

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[BJJM25] Hamna Mariyam K. B., Sayooj Aby Jose, Anuwat Jirawattanapanit, and Karuna Mathew. A comprehensive study on tuberculosis prediction models: Integrating machine learning into epidemiological analysis. *Journal of Theoretical Biology*, 597(??):??, January 21, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S002251932400273X.

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[BK20a] Rui Borges and Carolin Kosiol. Consistency and identifiability of the polymorphism-aware phylogenetic models. *Journal of Theoretical Biology*, 486(??):??, February 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519319304436.

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[BKPT25] Jochen Blath, Anna Kraut, Tobias Paul, and András Tóbiás. A stochastic population model for the impact of cancer cell dormancy on therapy success. *Journal of Theoretical Biology*, 597(??):??, January 21, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519324002807`.

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[BKZ+22] Sid Becker, Andrey V. Kuznetsov, Dan Zhao, Filippo de Monte, and Giuseppe Pontrelli. Model of drug delivery to populations composed of two cell types. *Journal of Theoretical Biology*, 534(??):??, February 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321003660`.

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[BLP20] Daniel A. Burbano-L. and Maurizio Porfiri. Data-driven modeling of zebrafish behavioral response to acute caffeine administration. *Journal of Theoretical Biology*, 485(??):??, Jan-

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[BLRV21] Veronika Bernhauerová, Bartek Lisowski, Veronica V. Rezelj, and Marco Vignuzzi. Mathematical modelling of SARS-CoV-2 infection of human and animal host cells reveals differences in the infection rates and delays in viral particle production by infected cells. *Journal of Theoretical Biology*, 531(??):??, December 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321003143`.

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[BM20] Nicolas Bolle and Matthew S. Mizuhara. Dynamics of a cell motility model near the sharp interface limit. *Journal of Theoretical Biology*, 505(??):??, November 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320302757`.

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[BMB+21] Alexander P. Browning, Oliver J. Maclaren, Pascal R. Buenzli, Matthew Lanaro, Mark C. Allenby, Maria A. Woodruff, and Matthew J. Simpson. Model-based data analysis of tissue growth in thin 3D printed scaffolds. *Journal of Theoretical Biology*, 528(??):??, November 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S002251932100271X`.

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[BNP+21] Arwa Abdulla Baabdulla, Hesung Now, Ju An Park, Woo-Jong Kim, Sungjune Jung, Joo-Yeon Yoo, and Thomas Hillen. Homogenization of a reaction diffusion equation can explain influenza A virus load data. *Journal of Theoretical Biology*, 527(??):??, October 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321002356`.

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[BNPL20] Alex Blokhuis, Philippe Nghe, Luca Peliti, and David Lacoste. The generality of transient compartmentalization and its associated error thresholds. *Journal of Theoretical Biology*, 487(??):??, February 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319304795`.

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[Bol22] Barbara Boldin. The importance of ecological dynamics in evolutionary processes: a host–bacteriophage model revisited. *Journal of Theoretical Biology*, 539(??):??, April 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322000558`.

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[BP20] Ryan Baker and Michel Pleimling. The effect of habitats and fitness on species coexistence in systems with cyclic dominance. *Journal of Theoretical Biology*, 486(??):??, February 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319304539`.

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[BPP+20] Irene Balelli, Chloé Pasin, Mélanie Prague, Fabien Crauste, Thierry Van Effelterre, Viki Bockstal, Laura Solforosi, and Rodolphe Thiébaut. A model for establishment, maintenance and reactivation of the immune response after vaccination against Ebola virus. *Journal of Theoretical Biology*, 495(??): ??, June 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320301090`.

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[BRAHV25] Rodolfo Blanco-Rodriguez, Alejandro Anderson, and Esteban Hernandez-Vargas. Linking within-host immune dynamics to between-host transmission and reinfection risk. *Journal of Theoretical Biology*, 613(??):??, October 7, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519325001766`.

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[BRN+22] Alireza Bahramian, Janarthanan Ramadoss, Fahimeh Nazarimehr, Karthikeyan Rajagopal, Sajad Jafari, and Iqtadar Hussain. A simple one-dimensional map-based model of spiking neurons with wide ranges of firing rates and complexities. *Journal of Theoretical Biology*, 539(??):??, April 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519322000601.

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[BRS24] Leonid Bunimovich, Athulya Ram, and Pavel Skums. Antigenic cooperation in viral populations: Transformation of functions of intra-host viral variants. *Journal of Theoretical Biology*, 580(??):??, March 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519323003168.

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[BS22a] Camila Bräutigam and Matteo Smerlak. Diffusion approximations in population genetics and the rate of Muller's ratchet. *Journal of Theoretical Biology*, 550(??):??, October 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519322002314.

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[BS22b] Justin P. Bruner and Rory Smead. Tag-based spite with correlated interactions. *Journal of Theoretical Biology*, 540(??):

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[BSJ20] Chris Baker, Mark Sterling, and Mike Jesson. The lodging of crops by tornadoes. *Journal of Theoretical Biology*, 500(??):??, September 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320301648`.

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[BSL24] Megan E. Bishop, Maria R. Servedio, and Brian A. Lerch. The evolution of fear-acquisition strategies under predation. *Journal of Theoretical Biology*, 595(??):??, December 7, 2024.

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[BSV+24] M. Bowen, P. Samozino, M. Vonderscher, D. Dutykh, and B. Morel. Mathematical modeling of exercise fatigability in the severe domain: a unifying integrative framework in isokinetic condition. *Journal of Theoretical Biology*, 578(??):??, February 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S002251932300293X.

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[BTS24] Philip J. Bergmann and Isabel Tonelli-Sippel. Many-to-many mapping: a simulation study of how the number of traits and tasks affect the evolution of form and function. *Journal of Theoretical Biology*, 581(??):??, March 21, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519324000250.

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[BV24] Anass Bouchnita and Vitaly Volpert. Phenotype-structured model of intra-clonal heterogeneity and drug resistance in

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[BvdG20] Richard M. Bailey and Jesse M. A. van der Grient. OSIRIS: a model for integrating the effects of multiple stressors on marine ecosystems. *Journal of Theoretical Biology*, 493(??):??, May 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320300667`.

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[BYHH20] Kazuhiro Bessho, Kenta Yashima, Toyomitsu Horii, and Masakazu Hori. Spatially explicit modeling of metapopulation dynamics of broadcast spawners and stabilizing/destabilizing effects of heterogeneity of quality across local habitats. *Journal of Theoretical Biology*, 492(??):??, May 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320300138`.

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[Cai22] Yuhua Cai. Evolutionary coexistence in a metacommunity: Competition–colonization trade-off, ownership effects, environmental fluctuations. *Journal of Theoretical Biology*, 533(??):??, January 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321003635`.

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[Car23] Joao Carvalho. A computational model of cell membrane bioelectric polarization and depolarization, connected with cell proliferation, in different tissue geometries. *Journal of Theoretical Biology*, 557(??):??, January 21, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322003290`.

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[CBBD22] Céline Casenave, Anne Bisson, Simon Boudsocq, and Tanguy Daufresne. Impact of biological nitrogen fixation and livestock management on the manure transfer from grazing land in mixed farming systems. *Journal of Theoretical Biology*, 545(??):??, July 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322001345`.

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[CBH+22] Giulia L. Celora, Samuel B. Bader, Ester M. Hammond, Philip K. Maini, Joe M. Pitt-Francis, and Helen M. Byrne. A DNA-structured mathematical model of cell-cycle progression in cyclic hypoxia. *Journal of Theoretical Biology*, 545(??):??, July 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322001023`. See corrigendum [CBH+23].

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[CBH+23] Giulia L. Celora, Samuel B. Bader, Ester M. Hammond, Philip K. Maini, Joe M. Pitt-Francis, and Helen M. Byrne. Corrigendum to "A DNA-structured mathematical model of cell-cycle progression in cyclic hypoxia" [J. Theor. Biol. **545** (2022) 111104]. *Journal of Theoretical Biology*, 571(??):??, August 21, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519323001030`. See [CBH+22].

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[CBK23] Giulia L. Celora, Helen M. Byrne, and P. G. Kevrekidis. Spatio-temporal modelling of phenotypic heterogeneity in tumour tissues and its impact on radiotherapy treatment. *Journal of Theoretical Biology*, 556(??):??, January 7, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322002417`.

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[CBKS21] Courtney Cochrane, Demba Ba, Elizabeth B. Klerman, and Melissa A. St. Hilaire. An ensemble mixed effects

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[CBPG23] Sayantan Nag Chowdhury, Jeet Banerjee, Matjaz Perc, and Dibakar Ghosh. Eco-evolutionary cyclic dominance among predators, prey, and parasites. *Journal of Theoretical Biology*, 564(??):??, May 7, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519323000425`.

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[CC22] Carl Corcoran and John Michael Clark. Adaptive network modeling of social distancing interventions. *Journal of Theoretical Biology*, 546(??):??, August 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322001497`.

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[CCA20] José A. Capitán, Sara Cuenda, and David Alonso. Competitive dominance in plant communities: Modeling approaches and theoretical predictions. *Journal of Theoretical Biology*, 502(??):??, October 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320302046`.

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[CCF+20] Rose-Marie Carlsson, Lauren M. Childs, Zhilan Feng, John W. Glasser, Jane M. Heffernan, Jing Li, and Gergely Röst. Modeling the waning and boosting of immunity from infection or vaccination. *Journal of Theoretical Biology*, 497(??):??, July 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S002251932030120X`.

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[CCH+24] Marie-Jose Chaaya, Sophie Chauvet, Florence Hubert, Fanny Mann, Mathieu Mezache, and Pierre Pudlo. A continuous approach of modeling tumorigenesis and axons regulation for the pancreatic cancer. *Journal of Theoretical Biology*, 595(??):??, December 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0022519324002522`.

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[CCPD22] Julieth Castiblanco, Paulo F. Cristaldo, Leticia R. Paiva, and Og DeSouza. Social context modulates scale-free movements in a social insect. *Journal of Theoretical Biology*, 542(??):??, June 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322001047`.

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[CCSF21] Kim Christensen, Luca Cocconi, and Ana B. Sendova-Franks. Animal intermittent locomotion: a null model for the probability of moving forward in bounded space. *Journal of Theoretical Biology*, 510(??):??, February 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S002251932030388X`.

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[CD22] Justin M. Calabrese and Jeffery Demers. How optimal allocation of limited testing capacity changes epidemic dynamics. *Journal of Theoretical Biology*, 538(??):??, April 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322000157`.

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[CDC20] Loren Z. F. Chiu, Torstein E. Dæhlin, and Jason P. Carey. A multiple fascicle muscle force model of the human triceps surae. *Journal of Theoretical Biology*, 495(??):??, June 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320301065`.

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[CDdV23] Charlotte Coton, Christine Dillmann, and Dominique de Vienne. Evolution of enzyme levels in metabolic pathways: a theoretical approach. Part 2. *Journal of Theoretical Biology*, 558(??):??, February 7, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322003459`.

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[CF20] Colin G. Cess and Stacey D. Finley. Data-driven analysis of a mechanistic model of CAR T cell signaling predicts effects of cell-to-cell heterogeneity. *Journal of Theoretical Biology*, 489(??):??, March 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319304941`.

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[CFH+25] Jun Chen, Adrian Fisher, Jon F. Harrison, Gloria DeGrandi-Hoffman, Jennifer H. Fewell, and Yun Kang. Modeling pesticide impacts on honey bee dynamics from mathematical and experimental integration. *Journal of Theoretical Biology*, 611(??):??, August 21, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S002251932500133X`.

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[CG21] Yuhua Cai and Stefan A. H. Geritz. The evolution of the irreversible transition from a free-swimming state to an immobile sessile state in aquatic invertebrates modelled in a chemostat. *Journal of Theoretical Biology*, 522(??):??, August 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S002251932100103X`.

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[CGG+25] Giorgia Ciavolella, Julien Granet, Jacky G. Goetz, Naël Osmani, Christèle Etchegaray, and Annabelle Collin. Deciphering circulating tumor cells binding in a microfluidic system thanks to a parameterized mathematical model. *Journal of Theoretical Biology*, 600(??):??, March 7, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S002251932400314X`.

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[CGGG20] Martina Conte, Luca Gerardo-Giorda, and Maria Groppi. Glioma invasion and its interplay with nervous tissue and therapy: a multiscale model. *Journal of Theoretical Biology*, 486(??):??, February 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319304576`.

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[CGK23] Jiaming Cao, Pulkit Grover, and Jana M. Kainerstorfer. A model of neurovascular coupling and its application to cortical spreading depolarization. *Journal of Theoretical Biology*, 572(??):??, September 7, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519323001777`.

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[CGP+20] Emily Cheng, Neeha Gambhirrao, Rohani Patel, Aufia Zhowandai, Jan Rychtář, and Dewey Taylor. A game-theoretical analysis of poliomyelitis vaccination. *Journal*

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[CGR22] Fernando Alcalde Cuesta, Gustavo Guerberoff, and Álvaro Lozano Rojo. Bernoulli and binomial proliferation on evolutionary graphs. *Journal of Theoretical Biology*, 534(??):??, February 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321003611`.

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[CGS+25] Márton Csillag, Hamza Giaffar, Eörs Szathmáry, Mauro Santos, and Dániel Czégel. From Bayes to Darwin: Evolutionary search as an exaptation from sampling-based Bayesian inference. *Journal of Theoretical Biology*, 599(??):??, February 21, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519324003175`.

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[CGW22] Lili Chang, Shupeng Gao, and Zhen Wang. Optimal control of pattern formations for an SIR reaction–diffusion epidemic model. *Journal of Theoretical Biology*, 536(??):??, March 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322000017`.

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[CGY+23] Jovic Aaron S. Caasi, Alex Leon Guerrero, Kangsan Yoon, Leslie J. Camacho Aquino, Aubrey Moore, Hyunju Oh, Jan Rychtář, and Dewey Taylor. A mathematical model of invasion and control of coconut rhinoceros beetle *Oryctes rhinoceros* (L.) in Guam. *Journal of Theoretical Biology*, 570(??):??, August 7, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519323001212`.

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[CHMM23] Sophie Chauvet, Florence Hubert, Fanny Mann, and Mathieu Mezache. Tumorigenesis and axons regulation for the pancreatic cancer: a mathematical approach. *Journal of Theoretical Biology*, 556(??):??, January 7, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322002922`.

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[CHSB20] Melinda Choua, Michael R. Heath, Douglas C. Speirs, and Juan A. Bonachela. The effect of viral plasticity on the persistence of host-virus systems. *Journal of Theoretical Biology*, 498(??):??, August 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320301181`.

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[CHT22] Liam Chen, Yousef Hannawi, and David Terman. Modeling the effect of cerebral capillary blood flow on neuronal firing. *Journal of Theoretical Biology*, 537(??):??, March 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322000169`.

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[CK20a] Maria Chaley and Vladimir Kutyrkin. Stochastic models for description of structural-statistical properties in DNA sequences. *Journal of Theoretical Biology*, 496(??):??, July 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319304953`.

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[CK20b] Ross Cressman and Vlastimil Krivan. Reducing courtship time promotes marital bliss: the Battle of the Sexes game revisited with costs measured as time lost. *Journal of Theoretical Biology*, 503(??):??, October 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S002251932030237X`.

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[CKB+21] Sayantan Nag Chowdhury, Srilena Kundu, Jeet Banerjee, Matjaz Perc, and Dibakar Ghosh. Eco-evolutionary dynamics of cooperation in the presence of policing. *Journal of Theoretical Biology*, 518(??):??, June 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S002251932100028X`.

Cheon:2024:NCB

[CKF+24] Hyejeong Lee Cheon, Nataliya Kizilova, Eirik G. Flekkøy, Matthew J. Mason, Lars P. Folkow, and Signe Kjelstrup. The nasal cavity of the bearded seal: an effective and robust organ for retaining body heat and water. *Journal of Theoretical Biology*, 595(??):??, December 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0022519324002182`.

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[CKI20] Mark Chaplain, Denise Kirschner, and Yoh Iwasa. JTB Editorial: Malpractice: a case report. *Journal of Theoretical Biology*, 488(??):??, March 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320300278`.

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[CKM+20] Jay S. Coggan, Daniel Keller, Henry Markram, Felix Schürmann, and Pierre J. Magistretti. Excitation states of metabolic networks predict dose-response fingerprinting and ligand pulse phase signalling. *Journal of Theoretical Biology*, 487(??):??, February 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319304928`.

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[CKM+22] Jay S. Coggan, Daniel Keller, Henry Markram, Felix Schürmann, and Pierre J. Magistretti. Representing stimulus information in an energy metabolism pathway. *Journal of Theoretical Biology*, 540(??):??, May 7, 2022. CO-

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[CKNCG22] Peter Crawford-Kahrl, Robert R. Nerem, Bree Cummins, and Tomas Gedeon. Genetic networks encode secrets of their past. *Journal of Theoretical Biology*, 541(??):??, May 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S002251932200090X.

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[CKTW24] Kwok Pui Choi, Gursharn Kaur, Ariadne Thompson, and Taoyang Wu. Distributions of 4-subtree patterns for uniform random unrooted phylogenetic trees. *Journal of Theoretical Biology*, 584(??):??, May 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519324000754.

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[CLD21] Jeevanjyoti Chakraborty, Jingxi Luo, and Rosemary J. Dyson. Lockhart with a twist: Modelling cellulose microfibril deposition and reorientation reveals twisting plant cell growth mechanisms. *Journal of Theoretical Biology*, 525(??):??, September 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519321001582.

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[CLF+22] Jake Carson, Alice Ledda, Luca Ferretti, Matt Keeling, and Xavier Didelot. The bounded coalescent model: Conditioning a genealogy on a minimum root date. *Journal of Theoretical Biology*, 548(??):??, September 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519322001849.

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[CLG20] Kristina Crona, Mengming Luo, and Devin Greene. An uncertainty law for microbial evolution. *Journal of The-*

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[CLJ+23] Ziqiang Cheng, Yinglei Lai, Kui Jin, Mengping Zhang, and Jin Wang. Modeling the XBB strain of SARS-CoV-2: Competition between variants and impact of reinfection. *Journal of Theoretical Biology*, 574(??):??, October 7, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519323002084`.

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[CLLL20] Zhimin Chen, Kaihui Liu, Xiuxiang Liu, and Yijun Lou. Modelling epidemics with fractional-dose vaccination in response to limited vaccine supply. *Journal of Theoretical Biology*, 486(??):??, February 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319304540`.

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[CLM+25] Junghun Chae, Roktaek Lim, Thomas L. P. Martin, Cheol-Min Ghim, and Pan-Jun Kim. Enlightening the blind spot of the Michaelis–Menten rate law: the role of relaxation dynamics in molecular complex formation. *Journal of Theoretical Biology*, 597(??):??, January 21, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519324002741`.

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[CLSB23] Heyrim Cho, Allison L. Lewis, Kathleen M. Storey, and Helen M. Byrne. Designing experimental conditions to use the Lotka–Volterra model to infer tumor cell line interaction types. *Journal of Theoretical Biology*, 559(??):??, February 21, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S002251932200368X`.

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[CNK24] Kelly Campbell, Shailesh Naire, and Jan Herman Kuiper. A mathematical model of signalling molecule-mediated processes during regeneration of osteochondral defects after chondrocyte implantation. *Journal of Theoretical Biology*, 592(??):??, September 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519324001589`.

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[COB23] Heather L. Collis, Markus R. Owen, and Leah R. Band. Long-distance hormone transport via the phloem. *Journal of Theoretical Biology*, 562(??):??, April 7, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519323000115`.

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[Coh20] Noy Cohen. Force distribution and multi-scale mechanics in smooth muscle tissues. *Journal of Theoretical Biology*, 491(??):??, April 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320300448`.

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[Cor21] Michael H. Cortez. Using sensitivity analysis to identify factors promoting higher versus lower infection prevalence in multi-host communities. *Journal of Theoretical Biology*, 526(??):??, October 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321001880`. See corrigendum [Cor22].

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[Cor22] Michael H. Cortez. Corrigendum to "Using sensitivity analysis to identify factors promoting higher versus lower infection prevalence in multi-host communities" [J. Theor. Biol. **526** (2021) 110766]. *Journal of Theoretical Biology*, 534(??):??, February 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321003799`. See [Cor21].

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[CPHL+20] Daniel Carrera-Pineyro, Harley Hanes, Adam Litzler, Andrea McCormack, Josean Velazquez-Molina, Anuj Mubayi, Karen Ríos-Soto, and Christopher Kribs. Cost analysis of vaccination in tick-mouse transmission of Lyme disease. *Journal of Theoretical Biology*, 494(??):??, June 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320301004`.

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[CPM21] Roberta Coletti, Andrea Pugliese, and Luca Marchetti. Modeling the effect of immunotherapies on human castration-resistant prostate cancer. *Journal of Theoretical Biology*, 509(??):??, January 21, 2021. CODEN JTBIAP.

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[CRDD22] Manuela Capello, Jonathan Rault, Jean-Louis Deneubourg, and Laurent Dagorn. Schooling in habitats with aggregative sites: the case of tropical tuna and floating objects. *Journal of Theoretical Biology*, 547(??):??, August 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519322001618.

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[CRG+23] Richard Creswell, Martin Robinson, David Gavaghan, Kris V. Parag, Chon Lok Lei, and Ben Lambert. A Bayesian nonpara-

metric method for detecting rapid changes in disease transmission. *Journal of Theoretical Biology*, 558(??):??, February 7, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322003423`.

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[CRRRP+20] Hugo I. Cruz-Rosas, Francisco Riquelme, Alejandra Ramírez-Padrón, Thomas Buhse, Germinal Cocho, and Pedro Miramontes. Molecular shape as a key source of prebiotic information. *Journal of Theoretical Biology*, 499(??):??, August 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320301715`.

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[CS20] Wongyeong Choi and Eunha Shim. Optimal strategies for vaccination and social distancing in a game-theoretic epidemiologic model. *Journal of Theoretical Biology*, 505(??):??, November 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320302770`.

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[CSHH20] Xiulei Cao, Zilong Song, Tzyy-Leng Horng, and Huaxiong Huang. Electric potential generation of electrocytes: Modelling, analysis, and computation. *Journal of Theoretical Biology*, 487(??):??, February 21, 2020. CO-

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[CSVB25] Marco Colnaghi, Fernando P. Santos, Paul A. M. Van Lange, and Daniel Balliet. Power asymmetry destabilizes reciprocal cooperation in social dilemmas. *Journal of Theoretical Biology*, 606(??):??, June 7, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519325000724`.

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[CSW24] Mark Chaplain, Akira Sasaki, and Joshua Weitz. Professor Denise Kirschner. *Journal of Theoretical Biology*, 595(??):??, December 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0022519324002613`.

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[CWL20] Heyrim Cho, Zuping Wang, and Doron Levy. Study of dose-dependent combination immunotherapy using engineered T cells and IL-2 in cervical cancer. *Journal of Theoretical Biology*, 505(??):??, November 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320302587`.

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[CWR21] Sara M. Clifton, Rachel J. Whitaker, and Zoi Rapti. Temperate and chronic virus competition leads to low lysogen frequency. *Journal of Theoretical Biology*, 523(??):??, August 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321001326`.

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[CWT+23] Marni E. Cueno, Kanta Wada, Arisa Tsuji, Kouta Ishikawa, and Kenichi Imai. Structural patterns of SARS-CoV-2 variants of concern (alpha, beta, gamma, delta) spike protein are influenced by variant-specific amino acid mutations: a computational study with implications on viral evolution. *Journal of Theoretical Biology*, 558(??):??, February 7, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322003678`.

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[CWW22] Fang Chen, Te Wu, and Long Wang. Evolutionary dynamics of zero-determinant strategies in repeated multiplayer

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[CZN+21] Yongli Cai, Shi Zhao, Yun Niu, Zhihang Peng, Kai Wang, Daihai He, and Weiming Wang. Modelling the effects of the contaminated environments on tuberculosis in Jiangsu, China. *Journal of Theoretical Biology*, 508(??):??, January 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320303088`.

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[DAB+23] Ciara E. Dangerfield, I. David Abrahams, Chris Budd, Matt Butchers, Michael E. Cates, Alan R. Champneys, Christine S. M. Currie, Jessica Enright, Julia R. Gog, Alain Goriely, T. Déirdre Hollingsworth, Rebecca B. Hoyle, INI Professional Services, Valerie Isham, Joanna Jordan, Maha H. Kaouri, Kostas Kavoussanakis, Jane Leeks, Philip K. Maini, Christie Marr, Clare Merritt, Denis Mollison, Surajit Ray, Robin N. Thompson, Alexandra Wakefield, and Dawn Wasley. Getting the most out of maths: How to coordinate mathematical modelling research to support a pandemic, lessons learnt from three initiatives that were part of the COVID-19 response

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[Dal22] Dave Dalton. How evolutionary biology can explain why human and a few marine mammal females are the only ones that are menopausal. *Journal of Theoretical Biology*, 543(??):??, June 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322001217`.

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[dAPdBMTS20] Carlos Henrique Britto de Assis Prado, Dilma Maria de Brito Melo Trovão, and João Paulo Souza. A network model for determining decomposition, topology, and properties of the woody crown. *Journal of Theoretical Biology*, 499(??):??, August 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320301739`.

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[DB22a] Soutrick Das and Debashis Barik. Pulsatile signaling of bistable switches reveal the distinct nature of pulse processing by mutual activation and mutual inhibition loop. *Journal of Theoretical Biology*, 540(??):??, May 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S002251932200073X`.

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[DB22b] Casey O. Diekman and Amitabha Bose. Beyond the limits of circadian entrainment: Non-24-h sleep–wake disorder, shift work, and social jet lag. *Journal of Theoretical Biology*, 545(??):??, July 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322001461`.

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[DBS23] Brenda Delamonica, Gábor Balázsi, and Michael Shub. Cusp bifurcation in a metastatic regulatory network. *Journal of Theoretical Biology*, 575(??):??, November 7, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519323002278`.

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[DBTI21] David J. Daegling, Henna D. Bhramdat, and Viviana Toro-Ibacache. Efficacy of shear strain gradients as an osteogenic stimulus. *Journal of Theoretical Biology*, 524(??):??, September 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321001521`.

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[dCC+23] Lisette dePillis, Rebecca Caffrey, Ge Chen, Mark D. Dela, Leif Eldevik, Joseph McConnell, Shahrokh Shabahang, and Stephen A. Varvel. A mathematical model of the within-host kinetics of SARS-CoV-2 neutralizing antibodies following COVID-19 vaccination. *Journal of Theoretical Biology*, 556(??):??, January 7, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322002715`.

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[DCL23] Steffen S. Docken, Colleen E. Clancy, and Timothy J. Lewis. Rate-dependent effects of state-specific sodium channel blockers in cardiac tissue: Insights from idealized models. *Journal of Theoretical Biology*, 573(??):??, September 21, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519323001923`.

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[DCS20] Modibo Diabaté, Loren Coquille, and Adeline Samson. Parameter estimation and treatment optimization in a stochastic model for immunotherapy of cancer. *Journal of Theoretical Biology*, 502(??):??, October 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320302149`.

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[DDDMT22] Ramsès Djidjou-Demasse, Arnaud Ducrot, Nicole Mideo, and Gaëtan Texier. Understanding dynamics of *Plasmodium falciparum* gametocytes production: Insightsl from an age-structured model. *Journal of Theoretical Biology*, 539(??):??, April 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print),

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[DEM+23] Isabelle Dupin, Edmée Eyraud, Élise Maurat, Jean-Marc Sac-Épée, and Pierre Vallois. Probabilistic cellular automata modelling of intercellular interactions in airways: complex pattern formation in patients with chronic obstructive pulmonary disease. *Journal of Theoretical Biology*, 564(??):??, May 7, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519323000449`.

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[DH22] Stephen Doro and Matthew A. Herman. On the Fourier transform of a quantitative trait: Implications for compressive sensing. *Journal of Theoretical Biology*, 540(??):??, May 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321004057`.

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[DHC25] Renee Dale, Hongyu He, and Yingqing Chen. Absorbing Markov chain model of PrEP drug adherence to estimate

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[ELM25] Maxime Estavoyer, Thomas Lepoutre, and Marie Manceau. Mathematical modeling of the feather follicle morphogenetic wave in birds. *Journal of Theoretical Biology*, 612(??):??, September 7, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519325001663`.

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[FLR+21] Anna S. Frank, Kamila Larripa, Hwayeon Ryu, Ryan G. Snodgrass, and Susanna Röblitz. Bifurcation and sensitivity analysis reveal key drivers of multistability in a model of macrophage polarization. *Journal of Theoretical Biology*, 509(??):??, January 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320303660`.

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[FPGOCP+25] Anahí Flores-Pérez, Marcos A. González-Olvera, Gustavo Chávez-Peña, Ana G. Gallardo-Hernández, and Lizeth Torres. Time-delay enhanced SIR model for COVID-19 waves in Mexico: Parameter estimation using evolutionary algorithms. *Journal of Theoretical Biology*, 613(??):??, October 7, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S002251932500195X`.

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[FSK21] Farinaz Forouzannia, Vahid Shahrezaei, and Mohammad Kohandel. The impact of random microenvironmental fluctuations on tumor control probability. *Journal of Theoretical Biology*, 509(??):??, January 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (elec-

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[FSKG20] Sveva Fornari, Amelie Schäfer, Ellen Kuhl, and Alain Goriely. Spatially-extended nucleation–aggregation–fragmentation models for the dynamics of prion-like neurodegenerative protein-spreading in the brain and its connectome. *Journal of Theoretical Biology*, 486(??):??, February 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319304710`. See comment [GMMR22].

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[GADDVG+24] Diego A. Garzón-Alvarado, Carlos A. Duque-Daza, Juan Jairo Vaca-González, Abdelkader Boucetta, Dorian L. Linero, Gregory de Boer, Raj Das, and Salah Ramtani. Part II: a new perspective for modeling the bone remodeling process: Biology, mechanics, and pathologies. *Journal of Theoretical Biology*, 593(??):??, October 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519324001784`.

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[Gav25] Nir Gavish. Revisiting the exclusion principle in epidemiology at the limit of a large competitive advantage. *Journal of Theoretical Biology*, 600(??):??, March 7, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic).

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[GBF20] Victor Garcia, Sebastian Bonhoeffer, and Feng Fu. Cancer-induced immunosuppression can enable effectiveness of immunotherapy through bistability generation: a mathematical and computational examination. *Journal of Theoretical Biology*, 492(??):??, May 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519320300412.

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[GCM23] József Garay, Villő Csiszár, and Tamás F. Móri. Subsistence of sib altruism in different mating systems and Haldane's arithmetic. *Journal of Theoretical Biology*, 557(??):??, January 21, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322003216`.

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[GCNZ+21] Doménica N. Garzón, Yair Castillo, M. Gabriela Navas-Zuloaga, Leah Darwin, Abigail Hardin, Nora Culik, Anji Yang, Carlos Castillo-Garsow, Karen Ríos-Soto, Leon Arriola, and Aditi Ghosh. Dynamics of prion proliferation under combined treatment of pharmacological chaperones and

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[GFL23] Einar Bjarki Gunnarsson, Jasmine Foo, and Kevin Leder. Statistical inference of the rates of cell proliferation and phenotypic switching in cancer. *Journal of Theoretical Biology*, 568(??):??, July 7, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519323000930`.

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[GFN23] Mahdieh Ghasemi, Ali Foroutannia, and Fatemeh Nikdelfaz. A PID controller for synchronization between master-slave neurons in fractional-order of neocortical network model. *Journal of Theoretical Biology*, 556(??):??, January 7, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322003022`.

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[GFV+23] John W. Glasser, Zhilan Feng, MyVan Vo, Jefferson N. Jones, and Kristie E. N. Clarke. Analysis of serological surveys of antibodies to SARS-CoV-2 in the United States to estimate parameters needed for transmission modeling and to evaluate and improve the accuracy of predictions. *Journal of Theoretical Biology*, 556(??):??, January 7, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (elec-

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[GGG21] Natascha Goy, Simone M. Glaser, and Christoph Grüter. The adaptive value of tandem communication in ants: Insights from an agent-based model. *Journal of Theoretical Biology*, 526(??):??, October 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519321001843.

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[GGS+24] A. R. Gantseva, E. R. Gantseva, A. N. Sveshnikova, M. A. Panteleev, and T. A. Kovalenko. Kinetic analysis of prothrombinase assembly and substrate delivery mechanisms. *Journal of Theoretical Biology*, 594(??):??, November 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519324002108.

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[GHA+20] Susan Ghaderi, Hulda S. Haraldsdóttir, Masoud Ahookhosh, Sylvain Arreckx, and Ronan M. T. Fleming. Structural con-

served moiety splitting of a stoichiometric matrix. *Journal of Theoretical Biology*, 499(??):??, August 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320301314`.

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[GHB22] Kelsey Gasior, Marlene Hauck, and Sudin Bhattacharya. Modeling the influence of cell-cell contact and TGF-β signaling on the epithelial mesenchymal transition in MCF7 breast carcinoma cells. *Journal of Theoretical Biology*, 546(??):??, August 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322001588`.

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[GHF22] Martin Grunnill, Ian Hall, and Thomas Finnie. Check your assumptions: Further scrutiny of basic model frameworks of antimicrobial resistance. *Journal of Theoretical Biology*, 554(??):??, December 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322002685`.

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[GHS18] Michael Günther, Daniel F. B. Haeufle, and Syn Schmitt. The basic mechanical structure of the skeletal muscle machinery: One model for linking microscopic and macroscopic scales. *Journal of Theoretical Biology*, 456(??):137–167, November 7, 2018. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519318303473`. See [GHS20].

Gunther:2020:CBM

[GHS20] Michael Günther, Daniel F. B. Haeufle, and Syn Schmitt. Corrigendum to "The basic mechanical structure of the skeletal muscle machinery: One model for linking microscopic and macroscopic scales" [Journal of Theoretical Biology **456** (2018) 137–167]. *Journal of Theoretical Biology*, 488(??):??, March 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319305132`. See [GHS18].

Gutierrez-Jara:2020:SOP

[GJCLMQC20] J. P. Gutiérrez-Jara, F. D. Córdova-Lepe, M. T. Muñoz-Quezada, and G. Chowell. Susceptibility to organophosphates pesticides and the development of infectious-contagious respiratory diseases. *Journal of Theoretical Biology*, 488(??):??, March 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319305028`.

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[GK20] Shingo Gibo and Gen Kurosawa. Theoretical study on the regulation of circadian rhythms by RNA methylation. *Journal of Theoretical Biology*, 490(??):??, April 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319305090`.

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[GLLP23] Chiara Giverso, Nadia Loy, Giulio Lucci, and Luigi Preziosi. Cell orientation under stretch: a review of experimental findings and mathematical modelling. *Journal of Theoretical Biology*, 572(??):??, September 7, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519323001613`.

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[GMMR22] Shasha Gao, Maia Martcheva, Hongyu Miao, and Libin Rong. A two-sex model of human papillomavirus infection: Vaccination strategies and a case study. *Journal of Theoretical Biology*, 536(??):??, March 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322000042`.

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[GMR+24] Anne-Sophie Giacobbi, Leo Meyer, Magali Ribot, Romain Yvinec, Hedi Soula, and Chloe Audebert. Mathematical modeling of adipocyte size distributions: Identifiability and parameter estimation from rat data. *Journal of Theoretical Biology*, 581(??):??, March 21, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519324000286`.

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[GMS20] José G. Guerrero-Morín and Moisés Santillán. Crosstalk dynamics between the circadian clock and the mTORC1 pathway. *Journal of Theoretical Biology*, 501(??):??, September 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320302150`.

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[GMV+20] Ankit Gupta, Marc Manceau, Timothy Vaughan, Mustafa Khammash, and Tanja Stadler. The probability distribution of the reconstructed phylogenetic tree with occurrence data. *Journal of Theoretical Biology*, 488(??):??, March 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319304849`.

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[GO21] Domenic P. J. Germano and James M. Osborne. A mathematical model of cell fate selection on a dynamic tissue. *Journal of Theoretical Biology*, 514(??):??, April 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320303908`.

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[GPDW20] Chris D. Greenman, Luca Penso-Dolfin, and Taoyang Wu. The complexity of genome rearrangement combinatorics under the infinite sites model. *Journal of Theoretical Biology*, 501(??):??, September 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320301909`.

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[GQK+21] Ting Guo, Zhipeng Qiu, Kosaku Kitagawa, Shingo Iwami, and Libin Rong. Modeling HIV multiple infection. *Journal of Theoretical Biology*, 509(??):??, January 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S002251932030357X`.

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[Gre25] Philip Greulich. Cooperative SIR dynamics as a model for spontaneous blood clot initiation. *Journal of Theoretical Biology*, 598(??):??, February 7, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519324002765`.

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[GRPG24] Subrata Ghosh, Sourav Roy, Matjaz Perc, and Dibakar Ghosh. The eco-evolutionary dynamics of two strategic species: From the predator-prey to the innocent-spreader rumor model. *Journal of Theoretical Biology*, 595(??):??, December 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0022519324002406`.

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[GRW+21] Michael Günther, Robert Rockenfeller, Tom Weihmann, Daniel F. B. Haeufle, Thomas Götz, and Syn Schmitt. Rules of nature's *Formula Run*: Muscle mechanics during late stance is the key to explaining maximum running speed. *Journal of Theoretical Biology*, 523(??):??, August 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321001363`.

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[GSC23] Jerome Goddard, Ratnasingham Shivaji, and James T. Cronin. Ecological release and patch geometry can cause nonlinear density-area relationships. *Journal of Theoretical Biology*, 557(??):??, January 21, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322003162`.

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[GSMG22] Maryam Gholampour, Ali Khaki Sedigh, Mohammad Ghassem Mahjani, and Abdorasoul Ghasemi. Eigenvalue sensitivity-based analysis for evaluation of biological network stability versus disturbances. *Journal of Theoretical Biology*, 533(??):??, January 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S002251932100360X`.

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[GSR23] Salil Ghosh, Shubhankar Saha, and Priti Kumar Roy. Critical observation of WHO recommended multidrug therapy

on the disease leprosy through mathematical study. *Journal of Theoretical Biology*, 567(??):??, June 21, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519323000929`.

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[GSW+23] Shasha Gao, Mingwang Shen, Xueying Wang, Jin Wang, Maia Martcheva, and Libin Rong. A multi-strain model with asymptomatic transmission: Application to COVID-19 in the US. *Journal of Theoretical Biology*, 565(??):??, May 21, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519323000644`.

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[GT20] Krishnendu Ganguly and Surendra Kumar Trigun. Mapping connectome in mammalian brain: a novel approach by bioengineering neuro-glia specific vectors. *Journal of Theoretical Biology*, 496(??):??, July 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320300990`.

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[GTE20] Alberto Giaretta, Gianna Maria Toffolo, and Timothy C. Elston. Stochastic modeling of *human papillomavirus* early promoter gene regulation. *Journal of Theoretical Biology*, 486(??):??, February 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319304266`.

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[GTGB21] Anthony J. Gallo, Hayden Tronnolone, J. Edward F. Green, and Benjamin J. Binder. Modelling uniaxial non-uniform yeast colony growth: Comparing an agent-based model and continuum approximations. *Journal of Theoretical Biology*, 523(??):??, August 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321001375`.

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[GW20] Andrew Glover and Andrew White. A vector–host model to assess the impact of superinfection exclusion on vaccination strategies using dengue and yellow fever as case studies. *Journal of Theoretical Biology*, 484(??):??, January 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319303844`.

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[GW21] M. Gumbel and P. Wiedemann. Motif lengths of circular codes in coding sequences. *Journal of Theoretical Biology*, 523(??):??, August 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321001302`.

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[GWZ+22] Jia-Xing Gao, Zhen-Yi Wang, Michael Q. Zhang, Min-Ping Qian, and Da-Quan Jiang. A data-driven method to learn a jump diffusion process from aggregate biological gene expression data. *Journal of Theoretical Biology*, 532(??):??, January 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print),

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Guo:2023:ACD

[GYY+23] Yuchen Guo, Ling Yong, Qingyu Yao, Mengyi Han, Junsheng Xue, Weizhe Jian, and Tianyan Zhou. Application of a count data model to evaluate the anti-metastatic efficacy of QAP14 in 4T1 breast cancer allografts. *Journal of Theoretical Biology*, 557(??):??, January 21, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322003149`.

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[GZ24] Paul Georgescu and Hong Zhang. Global stability of coexistence equilibria for n-species models of facultative mutualism. *Journal of Theoretical Biology*, 595(??):??, December 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0022519324002467`.

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[GZGH22] Claudiu V. Giuraniuc, Shabana Zain, Shahmama Ghafoor, and Stefan Hoppler. A mathematical modelling portrait of Wnt signalling in early vertebrate embryogenesis. *Journal of Theoretical Biology*, 551–552(??):??, ???? 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S002251932200234X`.

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[GZM+20] Vladimir Grubelnik, Jan Zmazek, Rene Markovic, Marko Gosak, and Marko Marhl. Modelling of energy-driven switch for glucagon and insulin secretion. *Journal of Theoretical Biology*, 493(??):??, May 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320300680`.

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[HAGADDM24] David Hernandez-Aristizabal, Diego-Alexander Garzon-Alvarado, Carlos-Alberto Duque-Daza, and Anotida Madzvamuse. A bulk-surface mechanobiochemical modelling ap-

proach for single cell migration in two-space dimensions. *Journal of Theoretical Biology*, 595(??):??, December 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0022519324002510`.

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[Haj20] Amir Hossein Haji. Cells adapt their shapes with their experienced stiffness: a geometrical approach to differentiation. *Journal of Theoretical Biology*, 486(??):??, February 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319304552`.

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[Han23] Leonid Hanin. The circulation stage of the metastatic cascade: a mathematical description and its clinical implications. *Journal of Theoretical Biology*, 572(??):??, September 7, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519323001790`.

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[HAP22] Anni S. Halkola, Tero Aittokallio, and Kalle Parvinen. Tumor microenvironment as a metapopulation model: the effects of angiogenesis, emigration and treatment modalities. *Journal of Theoretical Biology*, 545(??):??, July 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S002251932200145X`.

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[HBG21] Ola Hössjer, Günter Bechly, and Ann Gauger. On the waiting time until coordinated mutations get fixed in regulatory sequences. *Journal of Theoretical Biology*, 524(??):??, September 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321000795`. See cautionary note [TRKB25].

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[HBGW+25] Nora Heitzman-Breen, Jacob Golden, Yuyao Wang, James Weger-Lucarelli, and Stanca M. Ciupe. The role of nutrition in virus dynamics in vector-borne viral infections. *Journal of Theoretical Biology*, 611(??):??, August 21, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S002251932500150X`.

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[HBK+20] Artur Hahn, Julia Bode, Thomas Krüwel, Thomas Kampf, Lukas R. Buschle, Volker J. F. Sturm, Ke Zhang, Björn Tews, Heinz-Peter Schlemmer, Sabine Heiland, Martin Bendszus, Christian H. Ziener, Michael O. Breckwoldt, and Felix T. Kurz. Gibbs point field model quantifies disorder in microvasculature of U87-glioblastoma. *Journal of Theoretical Biology*, 494(??):??, June 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320300850`.

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[HC24] Matheus Hansen and Fabio A. C. C. Chalub. Population dynamics and games of variable size. *Journal of Theoretical Biology*, 589(??):??, July 21, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (elec-

tronic). URL http://www.sciencedirect.com/science/article/pii/S0022519324001231.

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[HCC+21] James B. Hengenius, Erin G. Connor, John P. Crimaldi, Nathaniel N. Urban, and G. Bard Ermentrout. Olfactory navigation in the real world: Simple local search strategies for turbulent environments. *Journal of Theoretical Biology*, 516(??):??, May 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519321000291.

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[HCJT23] Julio A. Hernández, Silvia Chifflet, Cristian Justet, and Alicia Torriglia. A mathematical model of wound healing in bovine corneal endothelium. *Journal of Theoretical Biology*, 559(??):??, February 21, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519322003654.

Hillmann:2020:AIH

[HCR20] Andreas Hillmann, Martin Crane, and Heather J. Ruskin. Assessing the impact of HIV treatment interruptions using stochastic cellular Automata. *Journal of Theoretical Biology*, 502(??):??, October 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519320302319.

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[HCSAB21] Solene G. D. Hegarty-Cremer, Matthew J. Simpson, Thomas L. Andersen, and Pascal R. Buenzli. Modelling cell guidance and curvature control in evolving biological tissues. *Journal of Theoretical Biology*, 520(??):??, July 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519321000801.

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[HD22] Alan G. Holt and Adrian M. Davies. A comparison of mtDNA deletion mutant proliferation mechanisms. *Jour-*

nal of Theoretical Biology, 551–552(??):??, ???? 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322002387`.

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[HFD23] Asher Haun, Baylor Fain, and Hana M. Dobrovolny. Effect of cellular regeneration and viral transmission mode on viral spread. *Journal of Theoretical Biology*, 558(??):??, February 7, 2023. CODEN JTBIAP. ISSN 0022-5193 (print),

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[HGCC22] Suvankar Halder, Sumana Ghosh, Joydev Chattopadhyay, and Samrat Chatterjee. Understanding noise in cell signalling in the prospect of drug-targets. *Journal of Theoretical Biology*, 555(??):??, December 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322002892`.

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[HGD+25] Jeremy D. Harris, Esther Gallmeier, Jonathan Dushoff, Stephen J. Beckett, and Joshua S. Weitz. Infections are not alike: the effects of covariation between individual susceptibility and transmissibility on epidemic dynamics. *Journal of Theoretical Biology*, 613(??):??, October 7, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519325001778`.

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[HGZM25] Bing Hu, Yaqi Guo, JinDong Zhao, and Xunfu Ma. Possible regulatory mechanisms of typical and atypical absence seizures through an equivalent projection from the subthalamic nucleus to the cortex: Evidence in a computational model. *Journal of Theoretical Biology*, 602–603(??):??, April 7, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519325000256`.

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[HH20] Linus Hedh and Anders Hedenström. The migration pattern of a monogamous shorebird challenges existing hypotheses explaining the evolution of differential migration. *Journal of Theoretical Biology*, 487(??):??, February 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319304801`.

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[HHI24] Rena Hayashi, Akane Hara, and Yoh Iwasa. Viral rebound occurrence immediately after drug discontinuation involving neither drug resistance nor latent reservoir. *Journal of Theoretical Biology*, 582(??):??, April 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519324000481`.

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[HHT25] Sha He, Mengqi He, and Sanyi Tang. Statistical inference and neural network training based on stochastic difference model for air pollution and associated disease transmission. *Journal of Theoretical Biology*, 596(??):??, January 7, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519324002728`.

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[HI21] Shintaro Hishida and Yoh Iwasa. Spatial distribution of gut microbes along the intestinal duct. *Journal of Theoretical Biology*, 523(??):??, August 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321001478`.

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[HIA+22] Myrianthi Hadjicharalambous, Eleftherios Ioannou, Nicolas Aristokleous, Kristaq Gazeli, Charalambos Anastassiou, and Vasileios Vavourakis. Combined anti-angiogenic and cytotoxic treatment of a solid tumour: *in silico* investigation of a xenograft animal model's digital twin. *Journal of Theoretical Biology*, 553(??):??, November 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322002399`.

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[HII22] Rena Hayashi, Shingo Iwami, and Yoh Iwasa. Escaping stochastic extinction of mutant virus: Temporal pattern of emergence of drug resistance within a host. *Journal of Theoretical Biology*, 537(??):??, March 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322000273`.

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[Hil23] Edward M. Hill. Modelling the epidemiological implications for SARS-CoV-2 of Christmas household bubbles in England. *Journal of Theoretical Biology*, 557(??):??, January 21, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322003228`.

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[HJKS20] Mustafa Hajij, Natasa Jonoska, Denys Kukushkin, and Masahico Saito. Graph based analysis for gene segment organization in a scrambled genome. *Journal of Theoretical Biology*, 494(??):??, June 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic).

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[HK21] Jonathan I. D. Hamley and Jacob C. Koella. Parasite evolution in an age-structured population. *Journal of Theoretical Biology*, 527(??):??, October 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321001545`.

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[HKBK25] Miranda Harkess, Sudha Kumari, Trilochan Bagarti, and Niraj Kumar. HIV transactivation: Stochastic modeling for studying the effects of BET inhibitors on the modulation of P-TEFb levels. *Journal of Theoretical Biology*, 599(??):??, February 21, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519324002960`.

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[HKL25] Georgio Hawi, Peter S. Kim, and Peter P. Lee. Optimisation of neoadjuvant pembrolizumab therapy for locally advanced MSI-H/dMMR colorectal cancer using data-driven delay integro-differential equations. *Journal of Theoretical Biology*, 613(??):??, October 7, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519325001973`.

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[HL24] Iain Hunter and Raz Leib. A framework for relating natural movement to length and quality of life in human and non-human animals. *Journal of Theoretical Biology*, 576(??):??, January 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519323002461`.

Huang:2025:NIE

[HLS+25] Ting Huang, Hengmin Lv, Yiting Shu, Jian Luo, Linxuan Yu, Bing Chen, Xin Sun, Xilin Hou, Xiong You, and Tonghua Zhang. Noise-induced entrainment of the circadian clock by thermoperiods in tomato: a computational approach. *Journal of Theoretical Biology*, 598(??):??, February 7, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519324002844`.

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[HLW24] Qing Hu, Min Luo, and Ruiqi Wang. Identifying critical regulatory interactions in cell fate decision and transition by systematic perturbation analysis. *Journal of Theoretical Biology*, 577(??):??, January 21, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519323002709`.

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[Hon20] Ze Hong. Modelling the on-going natural selection of educational attainment in contemporary societies. *Journal of Theoretical Biology*, 493(??):??, May 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320300655`.

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[HPD20] Cameron L. Hall, Mason A. Porter, and Marian S. Dawkins. Dominance, sharing, and assessment in an iterated Hawk–Dove game. *Journal of Theoretical Biology*, 493(??):??, May 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319304709`.

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[HPG+24] Quintessa Hay, Eunice Pak, Luke Gardner, Anna Shaw, Liza M. Roger, Nastassja A. Lewinski, Rebecca A. Segal, and Angela M. Reynolds. A mathematical model for wound healing in the reef-building coral *Pocillopora damicornis*. *Journal of Theoretical Biology*, 593(??):??, October 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519324001814`.

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[HPGF25] Robert Hinch, Jasmina Panovska-Griffiths, and Christophe Fraser. Estimating the contribution of age-structure to the COVID-19 epidemic in England. *Journal of Theoretical Biology*, 611(??):??, August 21, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519325001432`.

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[HPK+20] Anni S. Halkola, Kalle Parvinen, Henna Kasanen, Satu Mustjoki, and Tero Aittokallio. Modelling of killer T-cell and cancer cell subpopulation dynamics under immuno- and chemotherapies. *Journal of Theoretical Biology*, 488(??):??, March 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319305053`.

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[HPSA21] Naerhulan Halimubieke, Alistair Pirrie, Tamás Székely, and Ben Ashby. How do biases in sex ratio and disease characteristics affect the spread of sexually transmitted infections? *Journal of Theoretical Biology*, 527(??):??, October 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321002514`. See corrigendum [HPSA23].

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[HPSA23] Naerhulan Halimubieke, Alistair Pirrie, Tamás Székely, and Ben Ashby. Corrigendum to "How do biases in sex ratio and disease characteristics affect the spread of sexually transmitted infections?" [J. Theor. Biol. **527** (2021) 110832]. *Journal of Theoretical Biology*, 571(??):??, August 21, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S002251932300142X`. See [HPSA21].

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[HPWvdB20] Joseph Christopher Helps, Neil D. Paveley, Sacha White, and Frank van den Bosch. Determinants of optimal insecticide resistance management strategies. *Journal of*

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[HRD+24] Maj Beldring Henningsen, Mossa Merhi Reimert, Matt Denwood, Maya Katrin Gussmann, Carsten Thure Kirkeby, and Søren Saxmose Nielsen. Using registry data to identify individual dairy cows with abnormal patterns in routinely recorded somatic cell counts. *Journal of Theoretical Biology*, 579(??):??, February 21, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519323003156`.

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[HS20] Hossein Hassanpoor and Maryam Saidi. An investigation into the effective role of astrocyte in the hippocampus pattern separation process: a computational modeling study. *Journal of Theoretical Biology*, 487(??):??, February 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319304837`.

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[HS24] Constantinos Harkos and Triantafyllos Stylianopoulos. Investigating the synergistic effects of immunotherapy and normalization treatment in modulating tumor microenvironment and enhancing treatment efficacy. *Journal of Theoretical Biology*, 583(??):??, April 21, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519324000493`.

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[HSL24] Rongsheng Huang, Qiaojun Situ, and Jinzhi Lei. Dynamics of cell-type transition mediated by epigenetic modifications. *Journal of Theoretical Biology*, 577(??):??, January 21, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519323002618`.

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[HTD22] Alex Holmes, Mike Tildesley, and Louise Dyson. Approximating steady state distributions for household structured epidemic models. *Journal of Theoretical Biology*, 534(??):??, February 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321003945`.

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[HVC+21] Robert J. Hardwick, Carolin Vegvari, Benjamin Collyer, James E. Truscott, and Roy M. Anderson. Spatial scales in human movement between reservoirs of infection. *Journal of Theoretical Biology*, 524(??):??, September 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S002251932100148X`.

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[HVTA20] Robert J. Hardwick, Carolin Vegvari, James E. Truscott, and Roy M. Anderson. The 'breakpoint' of soil-transmitted helminths with infected human migration. *Journal of Theoretical Biology*, 486(??):??, February 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S002251931930445X`.

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[HXS21] Di Hu, Cai-Hua Xiong, and Ronglei Sun. Working out the bipedal walking expenditure of energy based on foot morphology of different hominid genera: Implications for foot evolution. *Journal of Theoretical Biology*, 519(??):??, June 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321000680`.

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[HXZ+22] Bing Hu, Minbo Xu, Luyao Zhu, Jiahui Lin, Zhizhi Wang, Dingjiang Wang, and Dongmei Zhang. A bidirectional Hopf bifurcation analysis of Parkinson's oscillation in a simplified basal ganglia model. *Journal of Theoretical Biology*, 536(??): ??, March 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321003994`.

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[HYM+22] Tatsuya Hayashi, Fumitaka Yura, Jun Mada, Hiroki Kurihara, and Tetsuji Tokihiro. Pattern formation of elliptic particles by two-body interactions: a model for dynamics of endothelial cells in angiogenesis. *Journal of Theoretical Biology*, 555(??):??, December 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322002910`.

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[HZM+21] Qiao-Qiao He, Xiu-Deng Zheng, Ruth Mace, Yi Tao, and Ting Ji. Hamilton's rule and kin competition in a finite kin population. *Journal of Theoretical Biology*, 529(??):??, November 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321002812`.

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[HZS+21] Zike He, Wei Zhang, Yu Sun, Chuchu Li, Jianing Wu, and Zhigang Wu. How honey bees dip nectar: Dynamic spacing of tongue hairs facilitates to collect nectar of various viscosities. *Journal of Theoretical Biology*, 512(??):??, March

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[IB21] Mark Itsko and Yuval Ben Abu. Novel type of coagulation equation and its application to DNA repeat expansion process. *Journal of Theoretical Biology*, 511(??):??, February 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320304100`.

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[IDD23] Yaroslav Ispolatov, Carlos Doebeli, and Michael Doebeli. On the evolutionary emergence of predation. *Journal of Theoretical Biology*, 572(??):??, September 7, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519323001753`.

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[IDMG24] J. Innerarity Imizcoz, W. Djema, F. Mairet, and J.-L. Gouzé. Optimal resource allocation in micro-organisms under periodic nutrient fluctuations. *Journal of Theoretical Biology*, 595(??):??, December 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0022519324002388`.

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[IH21] Natalie Imirzian and David P. Hughes. An agent-based model shows zombie ants exhibit search behavior. *Journal of Theoretical Biology*, 526(??):??, October 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321002083`.

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tronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322003575`.

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[IIH25] Segismundo S. Izquierdo, Luis R. Izquierdo, and Christoph Hauert. Positive and negative selective assortment. *Jour-*

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[Lei20] Jinzhi Lei. A general mathematical framework for understanding the behavior of heterogeneous stem cell regeneration. *Journal of Theoretical Biology*, 492(??):??, May 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320300515`. See corrigendum [Lei24].

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[MBM+25] Christian T. Michael, Maral Budak, Pauline Maiello, Kara Kracinovsky, Mark Rodgers, Jaime Tomko, Philana Ling Lin, JoAnne Flynn, Jennifer J. Linderman, and Denise Kirschner. Rankings of tuberculosis antibiotic treatment regimens are sensitive to spatial scale, detection limit, and initial host bacterial burden. *Journal of Theoretical Biology*, 611(??):??, August 21, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519325001420`.

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[MBT22] Sarah A. MacQueen, W. John Braun, and Rebecca C. Tyson. Memory-guided foraging and landscape design interact to determine ecosystem services. *Journal of Theoretical Biology*, 534(??):??, February 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321003775`.

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[MDF21] I. R. Moyles, J. G. Donohue, and A. C. Fowler. Quasi-steady uptake and bacterial community assembly in a math-

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[MDG24] Esteban Meca, Concepción M. Díez, and Brandon S. Gaut. Modeling transposable elements dynamics during polyploidization in plants. *Journal of Theoretical Biology*, 579(??):??, February 21, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519323002989`.

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[MEBNZ24] Nuverah Mohsin, Heiko Enderling, Renee Brady-Nicholls, and Mohammad U. Zahid. Simulating tumor volume dynamics in response to radiotherapy: Implications of model selection. *Journal of Theoretical Biology*, 576(??):??, January 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519323002539`.

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[MFGACST23] K. Márquez-Flórez, D. A. Garzón-Alvarado, C. Carda, and M. Sancho-Tello. Computational model of articular cartilage regeneration induced by scaffold implantation *in vivo*. *Journal of Theoretical Biology*, 561(??):??, March 21, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322003848`.

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[MHI23] Kosei Matsuo, Rena Hayashi, and Yoh Iwasa. Multiple colonies of cancer involved in mutual suppression with the immune system. *Journal of Theoretical Biology*, 572(??):??, September 7, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519323001741`.

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[MI20] A. V. Melkikh and K. D. Izmozherova. Active ion transport as the basis for water movement in plants. *Journal of Theoretical Biology*, 500(??):??, September 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320301879`.

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[MI23] Tomohiro Mimura and Yasuhiro Inoue. Cell-center-based model for simulating three-dimensional monolayer tissue deformation. *Journal of Theoretical Biology*, 571(??):??, August 21, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519323001571`.

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[MIP+21] Pezhman Mardanpour, Ehsan Izadpanahi, Shanae Powell, Siavash Rastkar, and Adrian Bejan. Inflected wings in flight: Uniform flow of stresses makes strong and light wings for stable flight. *Journal of Theoretical Biology*, 508(??):??, January 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320303076`.

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[MK21] Crystal Mackey and Christopher Kribs. Modeling anthrax–rabies interactions in zebra–jackal cycles. *Journal of Theoretical Biology*, 511(??):??, February 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (elec-

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[ML21] Patricia Morris and Frithjof Lutscher. A seasonal hybrid model for the evolution of flowering onset. *Journal of Theoretical Biology*, 523(??):??, August 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519321000904.

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[ML24] Éloi Martin and Sabin Lessard. Evolution of cooperation in social dilemmas with assortment in finite populations. *Journal of Theoretical Biology*, 592(??):??, September 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519324001759.

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[MLK21] Laurent MacKay, Etienne Lehman, and Anmar Khadra. Deciphering the dynamics of lamellipodium in a fish keratocytes model. *Journal of Theoretical Biology*, 512(??):??, March 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519320303891.

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[MMG21] Gabriel Andreguetto Maciel and Ricardo Martinez-Garcia. Enhanced species coexistence in Lotka–Volterra competition models due to nonlocal interactions. *Journal of Theoretical Biology*, 530(??):??, December 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321002915`.

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[MMI21] Azumi Mamiya, Daiki Miyagawa, and Genki Ichinose. Conditions for the existence of zero-determinant strategies under observation errors in repeated games. *Journal of Theoretical Biology*, 526(??):??, October 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321002290`.

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[MMI22] Daiki Miyagawa, Azumi Mamiya, and Genki Ichinose. Adapting paths against zero-determinant strategies in repeated prisoner's dilemma games. *Journal of Theoretical Biology*, 549(??):??, September 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322002090`.

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[MMS+23] Kentaro Morikawa, Shinichi Morita, Kazuki Sakura, Akiteru Maeno, Hiroki Gotoh, Teruyuki Niimi, and Yasuhiro Inoue. Unveiling the role of differential growth in 3D morphogenesis: an inference method to analyze area expansion rate distribution in biological systems. *Journal of Theoretical Biology*, 575(??):??, November 7, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519323002473`.

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[MN23] Satoru Morita and Kuninori Nakagawa. Evaluating the impact of human flow on the spread of infectious diseases. *Journal of Theoretical Biology*, 558(??):??, February 7, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322003587`.

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[MP22] Linda Ma and Mainak Patel. Mechanism of carbachol-induced 40 Hz gamma oscillations and the effects of NMDA activation on oscillatory dynamics in a model of the CA3 subfield of the hippocampus. *Journal of Theoretical Biology*, 548(??):??, September 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322001989`.

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[MPA23] Mohammad Mahmoodi, Ahmadreza Pishevar, and Farzaneh Azargoshasbi. Numerical investigation of the pharmacokinetics and pharmacodynamics of the chemotherapeutic drug in avascular and vascular stages of a brain tumor. *Journal of Theoretical Biology*, 575(??):??, November 7, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519323002308`.

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[MPA24] Bryce Morsky, Joshua B. Plotkin, and Erol Akçay. Convergence of reputations under indirect reciprocity. *Journal of Theoretical Biology*, 595(??):??, December 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0022519324002327`.

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[MPC+24] A. J. Mitchinson, M. Pogson, G. Czanner, D. Conway, R. R. Wilkinson, M. F. Murphy, I. Siekmann, and S. D. Webb. A stochastic model for topographically influenced cell migration. *Journal of Theoretical Biology*, 581(??):??, March 21, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519324000262`.

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[MPH+22] Franck Malige, Julie Patris, Maxime Hauray, Pascale Giraudet, and Hervé Glotin. Mathematical models of long term evolution of blue whale song types' frequencies. *Journal of Theoretical Biology*, 548(??):??, September 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322001825`.

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[MPTCT+20] Yovani Marrero-Ponce, Julio E. Teran, Ernesto Contreras-Torres, César R. García-Jacas, Yunierkis Perez-Castillo, Nestor Cubillan, Facundo Peréz-Giménez, and José R. Valdés-Martini. LEGO-based generalized set of two linear algebraic 3D bio-macro-molecular descriptors: Theory and validation by QSARs. *Journal of Theoretical Biology*, 485(??):??, January 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319304084`.

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[MRK24] Thomas Marcou, Tomás A. Revilla, and Vlastimil Krivan. Evolutionary emergence of plant and pollinator polymorphisms in consumer-resource mutualisms. *Journal of*

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[MS20] Pedram Mirchi and M. Soltani. Estimation of drug and tumor properties using novel hybrid meta-heuristic methods. *Journal of Theoretical Biology*, 488(??):??, March 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319304904`.

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[PAM22] Daniel Plaugher, Boris Aguilar, and David Murrugarra. Uncovering potential interventions for pancreatic cancer patients via mathematical modeling. *Journal of Theoretical Biology*, 548(??):??, September 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322001953`.

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[Par22] Peter S. Park. The evolution of cognitive biases in human learning. *Journal of Theoretical Biology*, 541(??):??, May

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[PASO21] Rasmus Kristoffer Pedersen, Morten Andersen, Thomas Stiehl, and Johnny T. Ottesen. Mathematical modelling of the hematopoietic stem cell-niche system: Clonal dominance based on stem cell fitness. *Journal of Theoretical Biology*, 518(??):??, June 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321000424`.

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[Pat22] Dimitrios G. Patsatzis. Algorithmic asymptotic analysis: Extending the arsenal of cancer immunology modeling. *Journal of Theoretical Biology*, 534(??):??, February 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321003957`.

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[PAV21] Jérôme Pinti, Ken H. Andersen, and André W. Visser. Coadaptive behavior of interacting populations in a habitat selection game significantly impacts ecosystem functions. *Journal of Theoretical Biology*, 523(??):??, August 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321000850`.

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[PB21] Brendon Phillips and Chris T. Bauch. Network structural metrics as early warning signals of widespread vaccine refusal in social-epidemiological networks. *Journal of Theoretical Biology*, 531(??):??, December 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321003003`.

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[PBP23] Federico Papa, Alessandro Borri, and Pasquale Palumbo. Tumour growth control: analysis of alternative approaches. *Journal of Theoretical Biology*, 562(??):??, April 7, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519323000164`.

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[PCLL21] Jichao Pan, Yan Cai, Mengchen Liu, and Zhiyong Li. Role of vascular smooth muscle cell phenotypic switching in plaque progression: a hybrid modeling study. *Journal of Theoretical Biology*, 526(??):??, October 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321002137`.

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[PCR21] Ryan A. Palmer, Isaac V. Chenchiah, and Daniel Robert. Analysis of aerodynamic and electrostatic sensing in mechanore-

ceptor arthropod hairs. *Journal of Theoretical Biology*, 530(??):??, December 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321002903`.

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[PCR23] Ryan A. Palmer, Isaac V. Chenchiah, and Daniel Robert. Passive electrolocation in terrestrial arthropods: Theoretical modelling of location detection. *Journal of Theoretical Biology*, 558(??):??, February 7, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322003484`.

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[PD23] Pranesh Padmanabhan and Narendra M. Dixit. Modelling how increased Cathepsin B/L and decreased TMPRSS2 usage for cell entry by the SARS-CoV-2 Omicron variant may affect the efficacy and synergy of TMPRSS2 and Cathepsin B/L inhibitors. *Journal of Theoretical Biology*, 572(??):??, September 7, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519323001650`.

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[PDD24] Nishnath Polavarapu, Madison Doty, and Hana M. Dobrovolny. Exploring the treatment of SARS-CoV-2 with modified vesicular stomatitis virus. *Journal of Theoretical Biology*, 595(??):??, December 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0022519324002443`.

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[PEMLD22] Stéphanie Portet, Sandrine Etienne-Manneville, Cécile Leduc, and J. C. Dallon. Impact of noise on the regulation of intracellular transport of intermediate filaments. *Journal of Theoretical Biology*, 547(??):??, August 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322001813`.

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[Pfe22] Benjamin Pfeuty. Multistability and transitions between spatiotemporal patterns through versatile Notch–Hes signaling. *Journal of Theoretical Biology*, 539(??):??, April 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322000583`.

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[PGC+22] G. Pozzi, B. Grammatica, L. Chaabane, M. Catucci, A. Mondino, P. Zunino, and P. Ciarletta. T cell therapy against cancer: a predictive diffuse-interface mathematical model informed by pre-clinical studies. *Journal of Theoretical Biology*, 547(??):??, August 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322001709`.

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[PGML20] Luis F. Ponce, Karina García-Martínez, and Kalet León. Quantitative assessment of extracellular IL-1 regulation. *Journal of Theoretical Biology*, 487(??):??, February 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319304825`.

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[PGP23] Dustin G. Padilla, Xiaoqian Gong, and Charles Perrings. Modeling the role of land conversion on the spread of an epizootic disease. *Journal of Theoretical Biology*, 557(??):??, January 21, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322003150`.

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[PHL+23] Yongzhen Pei, Siqi Han, Changguo Li, Jinzhi Lei, and Fengxi Wen. Data-based modeling of breast cancer and optimal therapy. *Journal of Theoretical Biology*, 573(??):??, September 21, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S002251932300190X`.

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[PHN+23] Hye Jin Park, Christian Hilbe, Martin A. Nowak, Beom Jun Kim, and Hyeong-Chai Jeong. Vacancies in growing habitats promote the evolution of cooperation. *Journal of Theoretical Biology*, 575(??):??, November 7, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519323002266`.

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[Pie21] Kawika Pierson. Using geometry to rank evenness measures: Towards a deeper understanding of divergence. *Journal of Theoretical Biology*, 531(??):??, December 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321003210`.

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[PJB21] D. Pramanik, M. K. Jolly, and R. Bhat. Matrix adhesion and remodeling diversifies modes of cancer invasion across spatial scales. *Journal of Theoretical Biology*, 524(??):??, September 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321001557`.

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[PJPH25] Kira Pugh, Rhys D. O. Jones, Gibin Powathil, and Sara Hamis. Simulations probe the role of space in the interplay between drug-sensitive and drug-resistant cancer cells. *Journal of Theoretical Biology*, 602–603(??):??, April 7, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519325000141`.

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[PL20] Russell Posner and Reinhard Laubenbacher. The contribution of microRNA-mediated regulation to short- and long-term gene expression predictability. *Journal of Theoretical Biology*, 486(??):??, February 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319304242`.

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[PLAC22] Nicolas Parisey, Melen Leclerc, and Katarzyna Adamczyk-Chauvat. Optimal spatial monitoring of populations described by reaction–diffusion models. *Journal of Theoretical Biology*, 534(??):??, February 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321003969`.

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[PLM24] Jean Peyhardi, Fabien Laroche, and Frédéric Mortier. Pólya-splitting distributions as stationary solutions of multivariate birth-death processes under extended neutral theory. *Journal of Theoretical Biology*, 582(??):??, April 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (elec-

tronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519324000365`.

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[PLR24] Mikael Pontarp, Per Lundberg, and Jörgen Ripa. The succession of ecological divergence and reproductive isolation in adaptive radiations. *Journal of Theoretical Biology*, 587(??): ??, June 21, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519324001000`.

Pattanaik:2024:ELE

[PLSS24a] Deepak K. Pattanaik, Vasudevan Lakshminarayanan, Nachieketa K. Sharma, and Amir Prasad Sahu. Erratum to "Leading edge of the a-wave of the electroretinogram and sodium iodate-induced age-related macular degeneration: a Model" [J. Theor. Biol. **592** (2024) 01-17/111879]. *Journal of Theoretical Biology*, 593(??):??, October 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519324001978`. See [PLSS24b].

Pattanaik:2024:LEW

[PLSS24b] Deepak K. Pattanaik, Vasudevan Lakshminarayanan, Nachieketa K. Sharma, and Amir Prasad Sahu. Leading edge of the a-wave of the electroretinogram and sodium iodate-induced age-related macular degeneration: a model. *Journal of Theoretical Biology*, 592(??):??, September 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519324001632`. See erratum [PLSS24a].

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[PLXD+20] Frédéric Paquin-Lefebvre, Bin Xu, Kelsey L. DiPietro, Alan E. Lindsay, and Alexandra Jilkine. Pattern formation in a coupled membrane-bulk reaction–diffusion model for intracellular polarization and oscillations. *Journal of Theoretical Biology*, 497(??):??, July 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320300977`.

Paredes:2023:LEA

[PMCLC+23] Omar Paredes, Elsa Magaña-Cuevas, Sorpresa Lora-Castro, Juan D. Serna-Grilló, D. Y. De la Mora, Diana Ríos Patiño, Rebeca Romo-Vázquez, and J. Alejandro Morales. A letter to the editor about the article "The modularity codes". *Journal of Theoretical Biology*, 559(??):??, February 21, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322003605`.

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[PMD21] Kalle Parvinen, Johan A. J. Metz, and Ulf Dieckmann. WITHDRAWN: Environmental dimensionality determines species coexistence. *Journal of Theoretical Biology*, 526 (??):??, October 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320301351`.

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[PO20] Gonzalo Pizarro and J. Fernando Olivera. The dynamics of Ca $^{2+}$ within the sarcoplasmic reticulum of frog skeletal muscle. A simulation study. *Journal of Theoretical Biology*, 504(??):??, November 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320302265`.

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[POS21] Karan Pattni, Christopher E. Overton, and Kieran J. Sharkey. Evolutionary graph theory derived from eco-evolutionary dynamics. *Journal of Theoretical Biology*, 519 (??):??, June 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321000709`.

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[POW23] Kalle Parvinen, Hisashi Ohtsuki, and Joe Yuichiro Wakano. Evolution of dispersal under spatio-temporal heterogeneity. *Journal of Theoretical Biology*, 574(??):??, October 7, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519323002096`.

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[PP20] Victor Pozzobon and Patrick Perré. Multiscale numerical workflow describing microalgae motion and light pattern incidence towards population growth in a photobioreactor. *Journal of Theoretical Biology*, 498(??):??, August 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S002251932030148X`. See correction [PP24].

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[PP22] Cedric Perret and Simon T. Powers. An investigation of the role of leadership in consensus decision-making. *Journal of Theoretical Biology*, 543(??):??, June 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322000923`.

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[PP24] Victor Pozzobon and Patrick Perré. Corrigendum to "Multiscale numerical workflow describing microalgae motion and light pattern incidence towards population growth in a photobioreactor" [J. Theoret. Biol. **498** (2020) 110293]. *Journal of Theoretical Biology*, 581(??):??, March 21, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519324000237`. See [PP20].

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[PPFB24] Thomas F. Pak, Joe Pitt-Francis, and Ruth E. Baker. A mathematical framework for the emergence of winners and losers in cell competition. *Journal of Theoretical Biology*, 577(??):??, January 21, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519323002631`.

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[PPGB20] Zhen Peng, Alex M. Plum, Praful Gagrani, and David A. Baum. An ecological framework for the analysis of prebiotic chemical reaction networks. *Journal of Theoretical Biology*, 507(??):??, December 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic).

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[PPS+21] Pijush Panday, Nikhil Pal, Sudip Samanta, Piotr Tryjanowski, and Joydev Chattopadhyay. Dynamics of a stage-structured predator–prey model: cost and benefit of fear-induced group defense. *Journal of Theoretical Biology*, 528(??):??, November 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519321002654.

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[PR21] Mainak Patel and Aaditya Rangan. Olfactory encoding within the insect antennal lobe: the emergence and role of higher order temporal correlations in the dynamics of antennal lobe spiking activity. *Journal of Theoretical Biology*, 522(??):??, August 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519321001223.

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[PRFSHV20] César Parra-Rojas, Boris Fürtig, Harald Schwalbe, and Esteban A. Hernandez-Vargas. Quantitative modeling of the function of kinetically driven transcriptional riboswitches. *Journal of Theoretical Biology*, 506(??):??, December 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519320302617.

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[PRHS20] Pablo Pérez, Alfonso Ruiz-Herrera, and Ana María San Luis. Management guidelines in disturbance-prone populations: the importance of the intervention time. *Journal of Theoretical Biology*, 486(??):??, February 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519319304448.

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[PRJ+20] Zahra Payandeh, Mohammad Reza Rahbar, Abolfazl Jahangiri, Zahra Sadat Hashemi, Alireza Zakeri, Moslem Jafarisani, Mohammad Javad Rasaee, and Saeed Khalili. Design of an engineered ACE2 as a novel therapeutics against COVID-19. *Journal of Theoretical Biology*, 505(??):??, November 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320302800`.

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[Pro24] Daniele Proverbio. Chemotaxis in heterogeneous environments: a multi-agent model of decentralized gathering past obstacles. *Journal of Theoretical Biology*, 586(??):??, June 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519324001012`.

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[PRP+20] Ensor Rafael Palacios, Adeel Razi, Thomas Parr, Michael Kirchhoff, and Karl Friston. On Markov blankets and hierarchical self-organisation. *Journal of Theoretical Biology*, 486(??):??, February 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319304588`.

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[Pru25] Przemyslaw Prusinkiewicz. Pillars of theoretical biology: 'Mathematical models for cellular interaction in development, I and II'. *Journal of Theoretical Biology*, 609(??):??, July 21, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519325001080`.

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[PS22a] Jayant Pande and Nadav M. Shnerb. How temporal environmental stochasticity affects species richness: Destabilization, neutralization and the storage effect. *Journal of Theoretical Biology*, 539(??):??, April 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (elec-

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[PS22b] Fatemeh Pouryahya and David Sankoff. Peripheral structures in unlabelled trees and the accumulation of subgenomes in the evolution of polyploids. *Journal of Theoretical Biology*, 532(??):??, January 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S002251932100343X.

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[PTK+24] Faye Piephoff, Brian K. Taylor, Catherine E. Kehl, Bruno Mota, and Cynthia M. Harley. Biomechanics of transduction by mechanosensory cilia for prey detection in aquatic organisms. *Journal of Theoretical Biology*, 583(??):??, April 21, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519324000638.

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[PTZ21] Luigi Preziosi, Giuseppe Toscani, and Mattia Zanella. Control of tumor growth distributions through kinetic methods. *Journal of Theoretical Biology*, 514(??):??, April 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519321000011.

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[PV24] Federica Padovano and Chiara Villa. The development of drug resistance in metastatic tumours under chemotherapy: an evolutionary perspective. *Journal of Theoretical Biology*, 595(??):??, December 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL https://www.sciencedirect.com/science/article/pii/S002251932400242X.

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[PWC+23] Jason Pearson, Timothy Wessler, Alex Chen, Richard C. Boucher, Ronit Freeman, Samuel K. Lai, Raymond Pickles, and M. Gregory Forest. Modeling identifies variability in SARS-CoV-2 uptake and eclipse phase by in-

fected cells as principal drivers of extreme variability in nasal viral load in the 48 h post infection. *Journal of Theoretical Biology*, 565(??):??, May 21, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519323000668`.

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[PZ20] Natalia Petrovskaya and Wenxin Zhang. When seeing is not believing: Comparative study of various spatial distributions of invasive species. *Journal of Theoretical Biology*, 488(??):??, March 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319305107`.

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[Roy21] Katherine Royce. Application of a novel mathematical model to identify intermediate hosts of SARS-CoV-2. *Journal of Theoretical Biology*, 526(??):??, October 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321001831`.

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[SBW+22b] Derrick T. Sund, Andrew F. Brouwer, Heather M. Walline, Thomas E. Carey, Rafael Meza, Trachette Jackson, and Marisa C. Eisenberg. Understanding the mechanisms of HPV-related carcinogenesis: Implications for cell cycle dynamics. *Journal of Theoretical Biology*, 551–552(??):??, ???? 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322002326`.

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[SJNRS20] Telma Silva, Willi Jäger, Maria Neuss-Radu, and Adélia Sequeira. Modeling of the early stage of atherosclerosis with emphasis on the regulation of the endothelial permeability. *Journal of Theoretical Biology*, 496(??):??, July 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320300849`.

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[SKNvRL22] Saskia Schirmer, Fränzi Korner-Nievergelt, Jan A. C. von Rönn, and Volkmar Liebscher. Estimation in the multinomial reencounter model — where do migrating animals go and how do they survive in their destination area? *Journal of Theoretical Biology*, 543(??):??, June 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322001060`.

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[SKS21] Hadiseh Safdari, Ata Kalirad, and Mehdi Sadeghi. Population-level heterogeneity as a reflection of mixed strategy: a com-

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[SL24] Thiru Siddharth and Nathan E. Lewis. Predicting pathways for old and new metabolites through clustering. *Journal of Theoretical Biology*, 578(??):??, February 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519323002813`.

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[SLML20] João Sequeira, Jorge Louçã, António M. Mendes, and Pedro G. Lind. Transition from endemic behavior to eradication of malaria due to combined drug therapies: an agent-model approach. *Journal of Theoretical Biology*, 484(??):??, January 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S002251931930400X`.

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[SLTD22] Filippo Schiavo, Emely Kjellsson Lindblom, and Iuliana Toma-Dasu. Towards the virtual tumor for optimizing radiotherapy treatments of hypoxic tumors: a novel model of heterogeneous tissue vasculature and oxygenation. *Journal of Theoretical Biology*, 547(??):??, August 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322001734`.

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[Sme21] Matteo Smerlak. Quasi-species evolution maximizes genotypic reproductive value (not fitness or flatness). *Journal of Theoretical Biology*, 522(??):??, August 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321001211`.

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[SMJ20] Simran Kaur Sandhu, Andrew Morozov, and Lourdes Juan. Exploring the role of spatial and stoichiometric heterogeneity in the top-down control in eutrophic planktonic ecosystems. *Journal of Theoretical Biology*, 499(??):??, August 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320301661`.

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[SMM+23] Sridevi Sriram, Simin Mirzaei, Mahtab Mehrabbeik, Karthikeyan Rajagopal, Mehdi Rostami, and Sajad Jafari. The influence of synaptic pathways on the synchronization patterns of regularly structured mChialvo map network. *Journal of Theoretical Biology*, 572(??):??, September 7, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519323001881`.

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[SP20] Harrison Steel and Antonis Papachristodoulou. The effect of spatiotemporal antibiotic inhomogeneities on the evolution of resistance. *Journal of Theoretical Biology*, 486(??):??, February 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319304461`.

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[SPLS+23] Rahil Sachak-Patwa, Erin I. Lafferty, Claude J. Schmit, Robin N. Thompson, and Helen M. Byrne. A target-cell limited model can reproduce influenza infection dynamics in hosts with differing immune responses. *Journal of Theoretical Biology*, 567(??):??, June 21, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519323000875`.

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[SR24] Yann Sakref and Olivier Rivoire. On the exclusion of exponential autocatalysts by sub-exponential autocatalysts. *Journal of Theoretical Biology*, 579(??):??, February 21, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519323003119`.

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[SRB+24] Juan Felipe Sánchez, Salah Ramtani, Abdelkader Boucetta, Marco Antonio Velasco, Juan Jairo Vaca-González, Carlos A. Duque-Daza, and Diego A. Garzón-Alvarado. Tumor growth for remodeling process: a 2D approach. *Journal of Theoretical Biology*, 585(??):??, May 21, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519324000626`.

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[TP24] Erik Tamre and Chris Parsons. Selection by differential survival among marine animals in the Phanerozoic. *Journal of Theoretical Biology*, 590(??):??, August 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519324001309`.

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