A Complete Bibliography of Publications in the *Journal of Theoretical Biology*: 2020–2029

Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA

Tel: +1 801 581 5254

E-mail: beebe@math.utah.edu, beebe@acm.org, beebe@computer.org (Internet)
WWW URL: https://www.math.utah.edu/~beebe/

16 October 2025
Version 1.74

Title word cross-reference

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]. **0D** [GKMN25].

1 [BS21, CTL+22, KKK+20, LBF24, NTTI22, PGML20, SF23]. **16S** [IHF26]. **17/111879** [PLSS24a]. **19**

[AGP+21, AGP+23, ATM25, 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]. **1D** [GKMN25].

2 [ACF22, BLRV21, BHR+25, 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, ZABL26, 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, Ano25k, Ano25b, Ano25l, Ano25c, Ano25n, Ano25e, Ano25m, Ano25d, Ano25o, Ano25f, Ano25p, Ano25g, Ano25q, Ano25r, Ano25s]. **2026** [Ano26a]. **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, Ano25l, Ano25n, Ano25m, Ano25o, Ano25p, Ano25q, Ano25r, Ano25s, Ano26a].

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, NGTEB25, 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** [PBW25, RKCvB25]. **adaptations** [SL23]. **adapted** [SC23b]. **Adapting** [MMI22]. **Adaptive** [CC22, KY26, LZZ+23, RID23, AJR+20, BP23, Bau20, BBDB22, GF23, GGG21, JKSD23, MH22b, NVS20, Osb24, PAV21, PLR24, Täu20]. **adaptively** [For24]. **addresses** [TLF26]. **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, PJT25, 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** [DPP+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, WMB+26]. **Agent-based** [YTG24, Ala20, GTGB21, GGG21, IH21, SSK+25, WMB+26]. **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, Sch25, YM23, ZM20]. **Allele** [SC23b, Sak22b]. **allergy** [KHHI25]. **allocation** [BCBP25, CD22, FHTK20, IDMG24, KHST21, KY26, 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, NGTEB25, PBP23]. **altruism** [GCM23, Gar24]. **altruistic** [FFAV21, Pag25]. **alveolar** [ACF22]. **Alzheimer** [IMM24, LLZ+22]. **Alzheimer's** [KK26]. **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, GKMN25, HJKS20, HXZ+22, HLW24,

HGF23, Ish23, KT20a, KG22, KvLBD25, KPR20, KRG24, DPP+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, APB+25, 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** [BHR+25, 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, HYB25, 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** [HHbC26, LZW23, SD20, SF24a, SBB+22]. **Approximating** [HTD22, JJ26]. **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, ZABL26, 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** [CMWB25, 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, HYB25, HXS21, IH21, IHF26, JMD20, JFCK20, JCC20, KR22, KCW+25, KK22a, KIO+25, DPP+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, WMB+26, 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, HHbC26, HGF23, LG23, LZW23, YOIS24]. **be** [BC20, Fra25, 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]. **binary** [HHbC26]. **binding** [CGG+25, Sch21b, TML20, WDT+20]. **binomial** [CGR22, LMS21]. **bio** [MPTCT+20]. **bio-macro-molecular** [MPTCT+20]. **Biochemical** [Sal24]. **biocontrol** [AY22, BL25]. **biodiversity** [HW26]. **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, NGTEB25, 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, Ano25t, Ano25u, Ano25v, Ano25w, Ano25x, Ano25y, Ano25z, Ano25-27, Ano25-28, Ano25-29, Ano25-30, Ano25-31, Ano25-32, Ano25-33, Ano25-34, Ano25-35, Ano25-36, Ano25-37, Ano25-38, Ano25-39, Ano26b]. **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** [Sch25, 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]. **breathing** [GKMN25]. **bribery** [FPX20]. **Bridging** [APB+25, 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, XL26]. **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, KY26, 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, HRVZCM25, 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, WMB+26, 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, XL26]. **CAR-macrophage** [XL26]. **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, ZABL26, 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, KY26]. **caused** [ABvH+20, BCS+22, HW26, 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, BF25, 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, MPHK+25, 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, HW26, 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]. **city** [BKP+25]. **class** [Fra25, 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, ZABL26, Ost23]. **Co-adaptive** [PAV21]. **Co-evolution** [BW25, KHBS20]. **co-evolutionary** [KT20b]. **co-infections** [ZABL26]. **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, KY26]. **communication** [GGG21, XSH+24]. **communities** [ATM25, 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, KY26, 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, JJ26, RR24]. **compliance** [ABOR20, For24]. **component** [KHBS20]. **components** [DPP+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, HHbC26, 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, DPP+25]. **Connectivity** [NNNHA24, RNP+25]. **Connectome** [GT20, FSKG20, RB22]. **connexins** [XSH+24]. **consciousness** [RBW20, RSPB+22, Ste21a]. **consensus** [PP22]. **consequence** [HYB25]. **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, KK26]. **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** [BKP+25, 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, BL25, CGY+23, CGW22, CS21, CR20, FPGC21, FSK21, HCSAB21, HRVZCM25, 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** [JJ26, 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, BHR+25, 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, ZABL26, dCC+23].
covariation [HGD+25]. **COVID**
[AGP+21, AGP+23, ATM25, 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, ATM25, 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, XL26].
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]. **Dalbulus** [CRO25]. **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, DPP+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** [IHF26, 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, Ano25j]. **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]. **decoupling** [HW26]. **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, BL25, CRO25, EP20, GJDS20, GSC23]. **density-area** [GSC23]. **density-dependent** [CRO25, EP20]. **dependence** [BKP23, BL25, GB23, IKYW21, KHHI25, RWHK21, vBW20]. **dependency** [Kuz24b]. **dependent** [ABK24, BH24, CWL20, CRO25, 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, NGTEB25]. **determine** [BV26, 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, MPHK+25, 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, MPHK+25, 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, GKMN25, 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, GSS26, 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, APB+25, 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** [APB+25, 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]. **dosage** [XL26]. **dose** [BCBP25, CLLL20, CWL20, CKM+20, Wal20, XCFH23]. **dose-dependent** [CWL20]. **dose-response** [CKM+20, Wal20, XCFH23]. **dosing** [HRVZCM25]. **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, CRO25, 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** [HRVZCM25, WMB+26, Ala23, BKZ+22, BCGG21, BV24, DHC25, DMR21, GDLF20, HGCC22, HII22, HHI24, MPA23, MS20, PV24, PJPH25, SLML20, SF24b, YHT24]. **Drug-loaded** [WMB+26]. **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, KY26, 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, ATM25, 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, CRO25, 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]. **dynamics** [MM22, MG21, MEBNZ24, 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, ATM25, APF+24, ASL+24, CMWB25, 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]. **early-stage** [ATM25]. **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, Ano25t, Ano25u, Ano25v, Ano25w, Ano25x, Ano25y, Ano25z, Ano25-27, Ano25-28, Ano25-29, Ano25-30, Ano25-31, Ano25-32, Ano25-33, Ano25-34, Ano25-35, Ano25-36, Ano25-37, Ano25-38, Ano25-39, Ano26b, 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, HW26, 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, XL26, 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, NMRC26]. **emerging** [Fra25, IH23, KHB+22]. **emigration** [HAP22]. **emphasis** [SJNRS20]. **empirical** [FSKG21, ZQHN24]. **emptying** [Avv21]. **enable** [GBF20]. **enables** [ES20]. **encode** [CKNCG22]. **encoding** [PR21, TLF26, 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** [KK26, 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, HW26, KRG24, PS22a, PBD+20, Sch25, SUA+20, TG22, PMD21]. **environments** [CZN+21, HCC+21, Kau23, KHB+22, KL21a, MLG21, MSLW23, NKE23, PBW25, Pro24, WW24]. **enzymatic** [TH21]. **enzyme** [CTL+22, CDdV23, LB20]. **enzyme-cost** [LB20]. **Epidemic** [BDB25, LWM23, MM22, ATM25, 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, BHR+25, 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** [CRO25, 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, JJ26, 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, Ano25k, 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]. **filament** [NMRC26]. **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** [PJT25, 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]. **folios** [TLF26]. **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, KK26, KHST21, KC22, Kur23, LYYN20, MH22b, MTLZ22, NO25, NGKB21, ORT24, PAV21, QHS23, SSBG20, YI21, YTG24, YG25, Whi21]. **game-theoretic** [CS20, KK26]. **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, GKMN25]. **gastric** [Avv21, SXL+20, YXW21]. **gastrointestinal** [ATP22]. **gated** [RLL25]. **gathering** [Pro24]. **Gaussian** [GSS26]. **GC** [BRBF20]. **geese** [YdKdJ+20]. **Gene** [ON24, AFTF22, ACG24, BS25, DMAC21, FLRR23, GT22, GWZ+22, GTE20, HJKS20, IHF26, JJ26, 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]. **generates** [Sch25]. **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, BL25, CPMF+22, Di 21, IY22, JTB25, Kau23, LLJ25, MWO21, PJT25, 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]. **GPUs** [GSS26]. **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]. **Greta** [GSS26]. **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** [BF25, 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, BKP+25, 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, PBW25, Pro24, dVRA20, RBZP24, SLTD22, SS21, Ter23, WGRE21, WFT23, dKCA22]. **heterologous** [RY22]. **heterotypic** [ST20]. **heterozygote** [PJT25]. **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, WMB+26, WDA+23, XL26]. **high-avidity** [KKL20]. **high-throughput** [WMB+26]. **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, DPP+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** [DPP+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, CMWB25, 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, ZABL26]. **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]. **improves** [JJ26]. **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, APB+25, 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, BV26, 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, BKP+25, CPEK23, HPSA21, HPSA23, HBGW+25, JD21, JAW25, KPH+24, XDT+20, ZABL26]. **infectious** [AN22a, AH25, DHR25, GBHNHVL23, GSS26, 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, ZABL26].

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]. **infusion** [XL26]. **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, MPHK+25, 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** [BKP+25, FMO23]. **Inter-city** [BKP+25]. **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, BV26, BW25, BS22b, DEM+23, FBJR20, FGA+24, FBD23, GF23, GCA+20, HYM+22, HLW24, LTB25, LLZS25, MMG21, MK21, MCMdAM24, MK24, MWO21, OGD+20, PJT25, 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** [BV26, SD25, CAARG21, PLXD+20, PEMLD22]. **intracranial** [DRO23]. **intraguild** [SYH20]. **intranasal** [BHR+25]. **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]. **ISG** [BV26]. **ISG-virus** [BV26]. **Ising** [LLJ25]. **isokinetic** [BSV+24]. **Isola** [GK21]. **isolate** [NGKB21]. **isolation** [GGSTS21, PLR24]. **Isotropic** [KF20]. **Italy** [LMW21, ZABL26]. **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, Ano25l, Ano25c, Ano26a]. **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, Ano25m, Ano25d]. **jump** [GWZ+22]. **junction** [WS22, YMR24]. **junction-coupled** [YMR24]. **June** [Ano20s, Ano20g, Ano21s, Ano21g, Ano22r, Ano22g, Ano23o, Ano23f, Ano24o, Ano24f, Ano25n, Ano25e]. **juvenile** [MGCH21].

keratocytes [MLK21]. **kernels** [EIK+21, IHF26]. **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, dPPC26]. **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, PJT25, RID23, dKCA22]. **lane** [FLO25]. **languages** [NO25]. **Laplacian** [LLZ+22]. **lapse** [LG23]. **Large** [LSW20, DPP+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, Fra25]. **leads** [CWR21, Nak25, ZM20]. **leaf** [LKP+20, TLF26]. **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, CMWB25]. **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** [CMWB25, Swe20]. **lipid-structured** [CMWB25]. **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]. **loaded** [WMB+26]. **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, APB+25, BW24, BBH+20, HD24, MPH+22, MGFS+20, MWO21, PL20, SAK21, SXL+20, SWK+20, TS23, WCD21, ZF21]. **Long-distance** [COB23, APB+25]. **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, HW26]. **lost** [CK20b, KC22]. **Lotka** [CLSB23, MMG21]. **Low** [ABOR20, ASS+23, CWR21, KHAK21, Mur25, XL26]. **low-** [ASS+23]. **lower** [Cor21, Cor22]. **lowers** [GFC+22]. **LRBmat** [TMC+23]. **lumen** [NNOBS23]. **luminal** [Avv23]. **lung** [ACF22, BE22, BGGM23, Don23, EB21, GKMN25, 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, CMWB25, FLR+21, LMC21, XL26]. **macrophages** [BJB+20, EB21]. **Macroscale** [MK24]. **macroscopic** [GHS18, GHS20]. **macular** [PLSS24a, PLSS24b]. **magnetic** [ASP23]. **maidis** [CRO25]. **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]. **malignancy** [MPHK+25]. **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, Ano25o, 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, HHbC26, 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, BF25, 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, XL26, 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]. **mathematical** [WWR+24, WRB22, WCWL21, WSC+22, WSEK23, XYK+20, XZZ+23, YS25, YTH+21, dCC+23, LS25a, Pru25]. **maths** [DAB+23]. **Mating** [NGTEB25, 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, Ano25p, Ano25g, FVB20, For24, Fra25, 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, NMRC26, 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, BF25, 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, CMWB25, CGW22, CDC20, CLSB23, CS20, CCSF21, CGG+25, CBKS21, CSP21, CGGG20, CRO25, 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]. **model** [FET+24, FPS24, FLR+21, 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, HRVZCM25, HCJT23, HBWLLPA21, Hoe24, HXZ+22, HGZM25, ISC23, IH21, IY22, JS23, JME24, JFCK20, JA23, JWKA21, JCLS+11, JCLS+21, JLK22, JKH+23, KT20b, KG22, KK26, KR22, KCW+25, KKS23, KK22a, KHW+22, KSSM20, KJM20, KHAK21, Kro25, KRG24, KKK+20, LSWVB24, LR25, LS21, DPP+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]. **model** [MPC+24, MEBNZ24, MF21, MF22, ML21, MDF21, MB24, NCL20, NNOBS23, NMRC26, 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, XL26, YWQX23, YHT24, YTH+21, YDS24, YL25, YM23, ZSN22, ZG21, ZWC+22, ZWT24, ZYF25, ZABL26, ZLZ+25, dLFO21, dCC+23]. **Model** [EHA+21]. **Model-based** [BMB+21, FHR22, ECH+23, DPP+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, MPHK+25, 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, JJ26, 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, WMB+26]. **modeling** [WSC+22, XWS24, XZZ+23, YSP+23, 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, IHF26, KPA+21, LMC21, LFY+24, NNG20, PD23, PJVR23, PBD+20, STCSC+21, SMM24, SCHH20, Ste21a, TML20, TGC22, TS23, dJHP20, ASK20, ABBP21, AMA20, ATM25, AY22, APR+22b, BLRV21, BEBA20, BEO+22, BDdG22, BCBP25, CBK23, CMRMC+21, CN21, DAB+23, DOF25, DLN20, DEM+23, GCC20, GZGH22, GLLP23, GtHH20, GSS26, 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, GKMN25, HTD22, JJ26, 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]. **modulated** [BL25]. **modulates** [CCPD22, CBZK21, WCD21]. **modulating** [HS24]. **modulation**

[GK21, HKBK25, HYB25]. **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, NGTEB25, 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, APB+25, 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, dPPC26]. **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-substrate** [dPPC26]. **Multi-timescale** [ZSL23]. **multi-trophic** [LPA25]. **multi-type** [CSDH+25, SS23]. **multi-year** [HSAH20]. **multicellular** [KIO+25, MCO21, NSMH25, SMEG22, WMB+26, 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, HW26, 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]. **nanoparticles** [WMB+26]. **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, JJ26, 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, Fra25, GT22, IKYW21, KG23, DPP+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, KK26, LL20, MB24, WDT+20]. **Neuro** [GT20]. **Neuro-Glia** [GT20]. **neurobiology** [Bar21]. **neuroblastoma** [MPHK+25]. **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, CRO25, FNGJ21, GSC23, LPA25, SVHM+21, vBBB+25]. **nonlocal** [EIK+21, MMG21, VGC22]. **nonparametric** [CRG+23]. **nor** [HHI24]. **Normal** [Fra25]. **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, Ano25q]. **nuclear** [BF25, LHG+22]. **nuclear-to-cell** [BF25]. **nucleation** [FSKG20, IMM24, NMRC26, RB22]. **nucleocytoplasmic** [BF25]. **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, KY26, 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, Ano25r]. **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, GKMN25, 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]. **package** [GSS26]. **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, BV26, CHSB20, CRO25, JAB22]. **Persistent** [Ste21b, SCH24, AABG20]. **Personalized** [NDB20, YTH+21]. **perspective** [BCK24, BL25, GADDVG+24, HRVZCM25, MS25, NO25, PV24, RSPB+22, SKS21, Ste21a]. **perspectives** [ZZB+21]. **perturbation** [HLW24]. **perturbations** [QPL21]. **pervasive** [PJT25]. **pest** [BB21b, BPS25, SJS+25]. **pesticide** [CFH+25]. **pesticides** [GJCLMQC20]. **pests** [BL25, 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, JJ26, 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, Fra25, GMV+20, Ish23, LT23, MGVS21, PZG20, SSR21, TLF26]. **phylogenetics** [HHbC26]. **phylogeny** [BPM+22, IHF26]. **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, KY26, 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, PJT25, ZF21]. **polymorphism-aware** [BK20a]. **polymorphisms** [MRK24]. **polyploidization** [MDG24]. **polyploids** [PS22b]. **pool** [FBA21, SdAM24]. **pools** [RBD+20]. **Poor** [ZM20, SdB23]. **poorly** [BC20]. **PopART** [DPP+25]. **popular** [Mar24]. **Population** [FSKG21, HC24, SKS21, APR+22a, AR20, AWC25, AKUN20, Bai21, BKPT25, BS22a, BL25, 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, NGTEB25, 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, CMWB25, 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, XL26]. **Pre-atherosclerotic** [JJR20]. **pre-clinical** [PGC+22]. **pre-exposure** [FPGC21]. **pre-infusion** [XL26]. **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, JJ26, Sim25, KYI21]. **predictions** [CCA20, GFV+23]. **Predictive** [YRMWT20, AHW21, EPF20, HRVZCM25, 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]. **Preventing** [BHR+25]. **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, GSS26, 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, NMRC26, 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, PBW25, 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, BF25, 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]. **reduces** [JJ26]. **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]. **refractory** [XL26]. **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, CRO25, 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, JJ26, KV23, PJT25, RW20, Tha24, WW22]. **reinfection** [BRAHV25, CLJ+23, Kee23, NVS20]. **relapse** [MPHK+25]. **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]. **resilience** [NGTEB25]. **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]. **resolved** [CMWB25]. **Resolving** [CT22]. **Resource** [KHST21, MUMS24, FHTK20, IDMG24, KY26, MB21, MRK24, MC20a, OKT+21, RK22a, SdAM24, SLCC22, VVD24, WK25, Wor20, YTG24, EHA+21]. **resource-based** [VVD24]. **resources** [BP23, FBA21]. **respiratory** [CWF23, GJCLMQC20, ZABL26]. **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** [HW26, 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, BKP+25, BFSA23, CRGGSC20, CLM+25, EB21, FOY21, GDd+21, GBRM21, Goy21, GDLF20, HS20, HBGW+25, ISC23, JD21, KT20b, Kro25, DPP+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]. **rRNA** [IHF26]. **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]. **rural** [ATM25]. **ruthless** [Bar21].

Saccharomyces [San21]. **sacoglossan** [YYI21]. **saddles** [WA22]. **Saharan** [DPP+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, BHR+25, 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, ZABL26, dCC+23]. **SARS-CoV-** [KRSSH21, PD23, Yin21]. **SARS-CoV-2** [ACF22, BLRV21, BHR+25, 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, ZABL26, 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]. **scenarios** [GKMN25]. **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, Sch25]. **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** [GKMN25, 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, Ano25s]. **sequence** [NCL20, YG25]. **sequence-dependent** [NCL20]. **sequences** [CK20a, GW21, HBG21, LDaH22]. **sequencing** [AN24, IHF26, 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]. **severity** [BV26]. **sex** [ASSL22, GMMR22, Gar23, HPSA21, HPSA23, JTB25, SW22, SL23]. **sex-ratio** [JTB25]. **Sexes** [CK20b]. **sexual** [DPP+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** [APB+25, For25, PL20, SWK+20]. **short-** [APB+25, PL20]. **shortening** [AW22]. **show** [PJT25]. **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, PJT25, HCC+21]. **Simplified** [XCFH23, DNK+24, GCC20, HXZ+22, Sco24]. **Simulating** [MEBNZ24, Wu24, YZB20, MI23]. **Simulation** [GEHL+22, WS24, BTS24, ELRG21, HYB25, dGSNK22, PO20, SCHH20, YFF25, ZG21]. **simulation-based** [HYB25]. **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, BKP+25, 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]. **software** [GSS26]. **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]. **sources** [NGTEB25]. **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, CMWB25, 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]. **sprays** [BHR+25]. **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, PBW25, SF24a]. **stabilizes** [Sin21]. **stabilizing** [Bau20, BYHH20]. **stabilizing/destabilizing** [BYHH20]. **stable** [GK21, MIP+21, MC20b, MS25, PJT25]. **Stably** [TLF26]. **staff** [WUH23]. **stage** [ATM25, CRO25, EBK21, Han23, LWM23, PPS+21, Sak20, SGJ+24, SJNRS20, YDS24]. **stage-dependent** [LWM23]. **stage-structured** [CRO25, 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, ATM25, 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** [ATM25, CK20a, GTE20, HKBK25, KGP+22, RKP20, ZG21, BKPT25, BRBF20, CRO25, DCS20, EE25, FLRR23, HII22, HHT25, HRVZCM25, 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, Sch25]. **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, BKP+25, BSL24, CWW22, CS20, CS21, GMMR22, GW20, GQG23, HPWvdB20, HCC+21, HYB25, 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, KK26, 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]. **string** [IHF26]. **string-based** [IHF26]. **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, CMWB25, CRO25, 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, WMB+26, WDH+20, WSC+22, XZZ+23, YSP+23, ZZGG21, ZQHN24, ZBT22, dPPC26]. **Studying** [ILGI20, KV23, HKBK25, OKT+21]. **sub** [SR24, SHY21, DPP+25]. **sub-exponential** [SR24]. **sub-harmonic** [SHY21]. **Sub-Saharan** [DPP+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, dPPC26]. **subthalamic** [HGZM25]. **subtree** [CKTW24]. **Success** [BB25, BKPT25, MSM23, RP21a]. **successful** [AS21]. **succession** [PLR24]. **suction** [NNG20]. **suggests** [ELRG21, LSZ21, SAK21, XL26]. **SUMOylation** [ZZGG21]. **sunfish** [Ios21]. **Super** [AVP+25, BB25]. **super-predator** [BB25]. **Super-resolution** [AVP+25]. **superinfection** [GW20, Hen20]. **superoxide** [TH25]. **superspreading** [BHR+25, BFSA23, DHR25]. **supplementary** [SSX+22]. **supply** [CLLL20, KHHI25, RK22a]. **support** [BCLJ24, DAB+23, HXK+20, PJT25, 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, CRO25, EBK21, FGES24, KCW+25]. **temperature-driven** [BGC+20, CRO25]. **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, DPP+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, KK26, 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, HRVZCM25, HD24, LR21, PHL+23, PGC+22, RMS+25, SC23a, SF23, SAG21, WSL25, WMB+26, YS25]. **thereby** [Wad22]. **Thermal** [FGES24]. **thermally** [PBW25]. **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, Sch25]. **thrombus** [LFY+24, WFL+24]. **throughout** [OSAR21]. **throughput** [OTI+20, WMB+26]. **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, KY26]. **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, JJ26, NCL20]. **Transcription-based** [ACD20]. **transcription-dependent** [BH24]. **transcriptional** [LMA21, OV25, PRFSHV20]. **Transduction** [Koc20, PTK+24, Tsu21, Wal20]. **transfer** [CBBD22, DMR21, NM23, NR20, YSP+23]. **transform** [DH22]. **transformation** [WP21, BRS24]. **transgenic** [BB21b]. **Transient** [KM20, BNPL20, SOKZ22]. **transit** [KG23]. **Transition** [SLML20, ANGJ25, CG21, GHB22, HLW24, HSL24, RLL25]. **Transitions** [YFZ+20, FLRR23, KK26, NO24, Pfe22]. **transitory** [HYB25]. **translation** [BJG21, San21]. **transmissibility** [HGD+25, TK25, YAN21]. **Transmission** [AGP+21, ZXLH23, APF+24, AH25, BRAHV25, BW25, CPHL+20, CRG+23, GSW+23, GFV+23, HFD23, HHT25, KRSG24, KP21, KRG24, DPP+25, LX21, LZZ+23, LWM23, SSX+22, SY24, SCH24, TWT23, WXS25, WUH23, YLZ+21, ZZT+21, ZWC+22]. **transmitted** [HPSA21, HPSA23, HVTA20]. **Transplantation** [CMLM23, WZKM21]. **transport** [AG22, ASP23, Avv23, BF25, COB23, EHP+21, GCC20, HBWLLPA21, JJR20, KBS+19, KBS+20, KB22, KK22b, MI20, PEMLD22, RKP20, YSK23]. **transported** [BFG21]. **transporting** [KK22b]. **transposable** [MDG24]. **transverse** [HH21]. **trap** [ABBP21, FS24, MGCH21]. **travel** [KC24]. **travelers** [LPLM25]. **travelling** [ES24]. **treated** [Ngo22, ORT24, PZJPZ23]. **Treatment** [XZZ+23, BBDB22, CBK23, DTS21, DCS20, FB23, FB24, FRMK22, GCNZ+21, HIA+22, HAP22, HS24, Hen20, HCR20, LF25, LPSMCP23, MPHK+25, MCL21, MBM+25, MF22, NMC+21, PZXC22, PDD24, RNP+21, SC23a, WCZL25, YTH+21]. **treatments** [SLTD22]. **tree** [GMV+20, HD25, IHS25, MGVS21, NM23, QVE25, TS23, TIS25, ZYLW21]. **trees** [BBR+21, CKTW24, HHbC26, Ish23, PS22b, SSKS18, SSKS20, SSR21, TLF26, Tay23, WWR+24]. **trial** [BCLJ24]. **trials** [DHC25, ILGI20, TAP+23]. **triceps** [CDC20]. **trilobite** [ELRG21]. **triple** [KT20b]. **triple-dilemma** [KT20b]. **triplets** [PZG20]. **tristeza** [ILGI20]. **tritrophic** [ACP20, BACS24]. **tRNA** [RBD+20]. **tRNA-like** [RBD+20]. **trophic** [CN20, LPA25, LLZS25, QPL21, Rob22, RH23]. **tropical** [CRDD22]. **True** [KPR20]. **trust** [JCC20]. **trust-based** [JCC20]. **TSTDP** [KR22]. **tuberculosis** [BJJM25, CZN+21, FPGC21, MBM+25, NVS20, PBD+20, AKUN20, JLK22]. **tubulin** [Xie25]. **Tumor** [HAP22, SRB+24, AABG20, BCLJ24, BT22, BAG+24, CLSB23, CGG+25, FBSD22, FSK21, FGA+24, GDd+21, GF23, HS24, HXK+20, JS23, LPSMCP23, MPA23, MF24, MS20, MEBNZ24, PTZ21, SLTD22, YS25]. **tumor-immune** [BT22, FGA+24]. **tumor-on-a-chip** [BAG+24].

Tumorigenesis [CHMM23, AABG20, CCH+24]. **tumors** [FBC23, SLTD22, WvdDL+21]. **Tumour** [PBP23, CBK23, HIA+22, LLS+22, OGD+20, dMQHRGA+22, XL26]. **tumour-immune** [OGD+20]. **tumoural** [FB23, FB24]. **tumours** [ASP23, CBZK21, MDCK23, PV24]. **tuna** [CRDD22]. **tunable** [LMLP20]. **tuned** [LSW20]. **tuning** [TH20]. **turbulent** [HCC+21]. **Turing** [HL20, KH20, LTS+21, Pis25]. **turnover** [NMRC26]. **turtle** [OKT+21, WSY21]. **twin** [HIA+22]. **twist** [CLD21]. **twisting** [CLD21]. **Two** [BK20b, FLO25, KNK21, OY21, AG22, BKZ+22, CCVB+21, Di 20, EP20, FPS24, GMMR22, GRPG24, HYM+22, HAGADDM24, KL21b, MPTCT+20, Mit20, NNNHA24, Sak22b, SdAM24, SGJ+24, TATT21, UV23, YL25, ZZB+21, ZYF25, AZdV+22, Sak20]. **two-allele** [Sak22b]. **two-body** [HYM+22]. **Two-compartment** [AZdV+22]. **two-dimensional** [EP20, YL25]. **Two-lane** [FLO25]. **two-layer** [AG22]. **two-locus** [Sak22b]. **two-patch** [FPS24, ZZB+21, ZYF25]. **two-player** [KL21b]. **two-sex** [GMMR22]. **two-space** [HAGADDM24]. **two-species** [SdAM24]. **two-stage** [SGJ+24, Sak20]. **Two-step** [OY21]. **Two-strategy** [BK20b]. **type** [CSDH+25, HSL24, IB21, KSSM20, MPH+22, SS23, SF24b, Swe20, Wad22, XYK+20, DNK+24]. **type-1** [Wad22]. **type-I** [XYK+20]. **types** [BKZ+22, CLSB23, IYY22]. **typical** [HGZM25].

U [Wal20]. **U/U** [Wal20]. **U87** [HBK+20]. **U87-glioblastoma** [HBK+20]. **UK** [CPEK23, DAB+23, KvLBD25]. **ultrasensitive** [FZE22]. **Ultrasensitivity** [Koc20]. **ultrasound** [AVP+25]. **uncertainties** [Ala23]. **Uncertainty** [OGM+25, WHRH+23, YHT24, YRMWT20, CLG20, DLN20, RT24a]. **uncoating** [NTTI22]. **unconditional** [Qui20]. **uncoupling** [HD24]. **uncover** [YTG24]. **Uncovering** [PAM22, AGP+21, SY24]. **uncovers** [JKSD23]. **underlie** [FVB20]. **underlying** [BW24, Jac25]. **Understanding** [BEBA20, DOF25, DDDMT22, GDLF20, HGCC22, LGSR21, SBW+22b, Lei20, Lei24, MBF21, Pie21, WvdDL+21]. **undesired** [SSS21]. **uneven** [HYB25]. **unexpected** [GGSTS21]. **uniaxial** [GTGB21, LGBG23]. **unidirectional** [KK22b]. **Unification** [RE25]. **unified** [YTH+21]. **uniform** [CKTW24, GTGB21, MTLZ22, ZL20, MIP+21]. **unifying** [BSV+24, LB20]. **unimolecular** [CP23]. **uniporters** [dPPC26]. **unique** [SS23]. **uniquely** [CP23]. **United** [ATM25, GFV+23, KRSSH21, LMW21, WSC+22]. **universal** [Akh22, Akh23]. **universe** [KJV20]. **unknown** [SSS21]. **unlabelled** [PS22b]. **unlike** [KK22b]. **unlikely** [RR24]. **unnatural** [MGCH21]. **Unraveling** [SK21]. **unreasonable** [ESW24]. **unreported** [LMW21]. **unrooted** [CKTW24]. **until** [HBG21]. **Unveiling** [MMS+23]. **upon** [BCK24]. **uptake** [MDF21, PWC+23, SAK21, SGJ+24]. **Urey** [KJV20]. **USA** [JAW25]. **usage** [PD23]. **Use** [YG25, CLSB23, ORT24, TBNS23]. **used** [SSR21]. **Using** [Cor21, Cor22, HRD+24, Pie21, TH20, AKHM23, AGTJ23, BAU+22,

BEBA20, CWL20, CN21, DTLS24, FPGOCP+25, GJDS20, GW20, GEHL+22, GSS26, HKL25, HCR20, IHF26, IHG21, KT20a, LPSMCP23, LG23, LZW23, MSL23, MS20, NDB20, RW20, SS23, SSLMGC25, SBM+20, SBB+22, SWVW25, VCS24, WBKR22, WDA+23, Wu24, YAN21, ZABL26]. **Usutu** [HBGV+21]. **utilization** [BP23]. **utilizing** [Ish23]. **Utkin** [BAU+22].

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[Ano24j] Anonymous. 7 August 2024. *Journal of Theoretical Biology*, 590(??):??, August 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic).

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[Ano24k] Anonymous. 7 December 2024. *Journal of Theoretical Biology*, 595(??):??, December 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic).

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[Ano24l] Anonymous. 7 February 2024. *Journal of Theoretical Biology*, 578(??):??, February 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic).

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[Ano24m] Anonymous. 7 January 2024. *Journal of Theoretical Biology*, 576(??):??, January 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic).

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[Ano24n] Anonymous. 7 July 2024. *Journal of Theoretical Biology*, 588(??):??, July 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic).

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[Ano25k] Anonymous. 7 February 2025. *Journal of Theoretical Biology*, 598(??):??, February 7, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic).

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Anonymous:2026:Ja

[Ano26a] Anonymous. 7 January 2026. *Journal of Theoretical Biology*, 616(??):??, January 7, 2026. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic).

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[Ano26b] Anonymous. Editorial Board. *Journal of Theoretical Biology*, 616(??):??, January 7, 2026. CODEN JT-

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[APR+22b] Nurbek Azimaqin, Zhihang Peng, Xinzhi Ren, Yangjiang Wei, and Xianning Liu. Vaccine failure, seasonality and demographic changes associate with mumps outbreaks in Jiangsu Province, China: Age-structured mathematical modelling study. *Journal of Theoretical Biology*, 544(??):??, July 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322001230`.

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Athanasouli:2024:DDM

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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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[ASSL22] Stéphanie Abo, Delaney Smith, Melissa Stadt, and Anita Layton. Modelling female physiology from head to toe: Impact of sex hormones, menstrual cycle, and pregnancy. *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/S0022519322000728`.

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[ATAJS20] Salma M. Al-Tuwairqi, Najwa O. Al-Johani, and Eman A. Simbawa. Modeling dynamics of cancer radiovirotherapy. *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/S0022519320302605`.

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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

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[ATM25] Punya Alahakoon, Peter G. Taylor, and James M. McCaw. Stochastic modelling of early-stage COVID-19 epidemic dynamics in rural communities in the United States. *Journal of Theoretical Biology*, 615(??):??, December 7, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519325002140.

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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), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519324003035.

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[AVSTS23] Roba Abukwaik, Elias Vera-Siguenza, Daniel A. Tennant, and Fabian Spill. Interplay of p53 and XIAP protein dynamics orchestrates cell fate in response to chemotherapy. *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/S0022519323001595.

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[Avv21] Ravi Kant Avvari. Theoretical modeling of the resistance to gastric emptying and duodenogastric reflux due to py-

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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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[AZdV+22] Jesse B. Alderliesten, Mark P. Zwart, J. Arjan G. M. de Visser, Arjan Stegeman, and Egil A. J. Fischer. Second compartment widens plasmid invasion conditions: Two-compartment pair-formation model of conjugation in the gut. *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/S0022519321003568`.

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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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[BA24] Lydia J. Buckingham and Ben Ashby. Separation of evolutionary timescales in coevolving species. *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/S0022519323002850`.

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[BACS24] Dweepabiswa Bagchi, Ramesh Arumugam, V. K. Chandrasekar, and D. V. Senthilkumar. Generalized synchronization in a tritrophic food web metacommunity. *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/S0022519324000407`.

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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

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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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[Bar21] Ann-Sophie Barwich. Imaging the living brain: an argument for ruthless reductionism from olfactory neurobiology. *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/S002251932030415X`.

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[Bau20] Matheus T. Baumgartner. Connectance and nestedness as stabilizing factors in response to pulse disturbances in adaptive antagonistic networks. *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/S0022519319304424`.

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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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[BB21a] Lewis J. Bartlett and Mike Boots. The central role of host reproduction in determining the evolution of virulence in spatially structured populations. *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/S0022519321001399`.

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[BB21b] Tom R. Brewer and Michael B. Bonsall. Combining refuges with transgenic insect releases for the management of an insect pest with non-recessive resistance to Bt crops in agricultural landscapes. *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/S0022519320303696`.

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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. CO-

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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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[BBDB22] Péter Bayer, Joel S. Brown, Johan Dubbeldam, and Mark Broom. A Markovian decision model of adaptive cancer treatment and quality of life. *Journal of Theoretical Biology*, 551–552(??):??, ???? 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519322002338.

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[BBH+20] Selenne Bañuelos, Janet Best, Gemma Huguet, Alicia Prieto-Langarica, Pamela B. Pyzza, and Shelby Wilson. Modeling the long term effects of thermoregulation on human sleep. *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/S0022519320300631.

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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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[BBR+21] Robert M. Beyer, David Basler, Pasi Raumonen, Mikko Kaasalainen, and Hans Pretzsch. Do trees have con-

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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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[BC21] Jeff M. Barrett and Jack P. Callaghan. A one-dimensional collagen-based biomechanical model of passive soft tissue with viscoelasticity and failure. *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/S002251932030343X`.

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[BCBP25] Eleanor Burch, Hannah Christensen, and Ellen Brooks-Pollock. The effect of outcome choice on vaccine dose allocation: a modelling study. *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/S0022519325001225`.

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[BCC+21] Steven M. Baer, Shaojie Chang, Sharon M. Crook, Carl L. Gardner, Jeremiah R. Jones, Christian Ringhofer, and Ralph F. Nelson. A multiscale continuum model of the vertebrate outer retina: the temporal dynamics of background-induced flicker enhancement. *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/S0022519321001855`.

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[BCGG21] Ernesto Berríos-Caro, Danna R. Gifford, and Tobias Galla. Competition delays multi-drug resistance evolution during combination therapy. *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/S0022519320303799`.

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[BCK24] Nasri Balit, Nicolas Cermakian, and Anmar Khadra. The influence of circadian rhythms on $CD8^+$ T cell activation upon vaccination: a mathematical modeling perspective. *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/S0022519324001334`.

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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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[BD21] Pierre-Alexandre Bliman and Michel Duprez. How best can finite-time social distancing reduce epidemic final size? *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/S0022519320304124`.

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[BD22] Matheus Tenório Baumgartner and Lucas Del Bianco Faria. The sensitivity of complex dynamic food webs to the loss of top omnivores. *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/S002251932200025X`.

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[BDB25] Kathryn H. Bowers, Daniela De Angelis, and Paul J. Birrell. Modelling with SPEED: a Stochastic Predictor of Early Epidemic Detection. *Journal of Theoretical Biology*, 607(??):??, June 21, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519325000864`.

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[BDdG22] Bruno Buonomo, Rossella Della Marca, Alberto d'Onofrio, and Maria Groppi. A behavioural modelling approach to assess the impact of COVID-19 vaccine hesitancy. *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/S0022519321003933`.

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[BE22] Liza Bartha and Raluca Eftimie. Mathematical investigation into the role of macrophage heterogeneity on the temporal and spatio-temporal dynamics of non-small cell lung cancers. *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/S0022519322002053`.

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Breitenbach:2022:MSB

[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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[BERR20] Mark Broom, Igor V. Erovenko, Jonathan T. Rowell, and Jan Rychtár. Models and measures of animal aggregation and dispersal. *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/S0022519319303716`.

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[BF20] Natasha Blitvić and Vicente I. Fernandez. Aging a little: On the optimality of limited senescence in *Escherichia coli*. *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/S0022519320301867`.

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[BF25] Xuesong Bai and Thomas G. Fai. Mathematical model of nucleocytoplasmic transport and nuclear-to-cell ratio in a growing cell. *Journal of Theoretical Biology*, 615(??):??, December 7, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519325002164`.

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[BFD25] Alexandre Benatti, Henrique Ferraz De Arruda, and Luciano Da Fontoura Costa. Interrelating neuronal morphology by coincidence similarity networks. *Journal of Theoretical Biology*, 606(??):??, June 7, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic).

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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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[BGA21] Kewani Welay Brhane, Michael Gidey Gebru, and Abdulaziz Garba Ahmad. Mathematical model for the dynamics of Savanna ecosystem considering fire disturbances. *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/S0022519320303702.

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[BGC+20] Suman Bhowmick, Jörn Gethmann, Franz J. Conraths, Igor M. Sokolov, and Hartmut H. K. Lentz. Locally temperature-driven mathematical model of West Nile virus spread in Germany. *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/S0022519319304862`.

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[BGM22] Cameron J. Browne, Hayriye Gulbudak, and Joshua C. Macdonald. Differential impacts of contact tracing and lockdowns on outbreak size in COVID-19 model applied to China. *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/S0022519321003386`.

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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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[BH24] Boris P. Belotserkovskii and Philip C. Hanawalt. A model for transcription-dependent R-loop formation at double-stranded DNA breaks: Implications for their detection and biological effects. *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/S0022519324002479`.

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[BHR+25] George Booth, Christoforos Hadjichrysanthou, Keira L. Rice, Jacopo Frallicciardi, Zoltán Magyarics, Frank de Wolf, Jaap Goudsmit, Anna L. Beukenhorst, and Roy Anderson. Preventing SARS-CoV-2 superspreading events with antiviral intranasal sprays. *Journal of Theoretical Biology*, 615(??):??, December 7, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519325002036`.

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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*

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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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[BJR+22] Madhumitha Balasekaran, Michal Johanis, Jan Rychtár, Dewey Taylor, and Jackie Zhu. Quasi-neutral evolution in populations under small demographic fluctuations. *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/S0022519322000388`.

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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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[BK20b] Mark Broom and Vlastimil Krivan. Two-strategy games with time constraints on regular graphs. *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/S0022519320302812`.

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[BK21] K. B. Blyuss and Y. N. Kyrychko. Effects of latency and age structure on the dynamics and containment of COVID-19. *Journal of Theoretical Biology*, 513(??):??, March 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321000096`.

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[BKP23] Prajakta Bedekar, Anthony J. Kearsley, and Paul N. Patrone. Prevalence estimation and optimal classification methods to account for time dependence in antibody levels. *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/S0022519322003666`.

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[BKP+25] Viktor Bezborodov, Tyll Krueger, Cornelia Pokalyuk, Piotr Szymański, and Aurélien Velleret. Inter-city infections and the role of size heterogeneity in containment strategies. *Journal of Theoretical Biology*, 615(??):??, December 7, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519325002139`.

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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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[BL25] Cole D. Butler and Alun L. Lloyd. How population control of pests is modulated by density dependence: the perspective of genetic biocontrol. *Journal of Theoretical Biology*, 614(??):??, November 7, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S002251932500181X`.

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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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[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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[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

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[BP21] Quenisha Baldwin and Eleni Panagiotou. The local topological free energy of proteins. *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/S0022519321002733`.

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[BPM+22] Oksana Butuzova, Nikolay Pakudin, Andrey Minarsky, Nikolay Bessonov, and Nadya Morozova. Developmental graphs comparison strategy for analysis of pattern formation and phylogeny. *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/S0022519321003441`.

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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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[BPS25] Giuseppe Buffoni, Sara Pasquali, and Cinzia Soresina. Revisiting a demographic model of pest infestation in farm-

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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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[BRBF20] Jon Bohlin, Brittany Rose, Ola Brynildsrud, and Birgitte Freiesleben De Blasio. A simple stochastic model describing genomic evolution over time of GC content in microbial symbionts. *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/S0022519320302447`.

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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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[BS21] Hojjat Bazzazi and Azar Shahraz. A mechanistic systems pharmacology modeling platform to investigate the effect of PD-L1 expression heterogeneity and dynamics on the efficacy of PD-1 and PD-L1 blocking antibodies in cancer. *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/S0022519321001193`.

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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(??):??, May 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322000509`.

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[BS25] Pavol Bokes and Abhyudai Singh. Optimisation of gene expression noise for cellular persistence against lethal events. *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/S0022519324002819`.

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[BSC20a] Anirban Bandyopadhyay, Gaurav Sharma, and Shubhajit Roy Chowdhury. Computational analysis of NIRS and BOLD signal from neurovascular coupling with three neuron-system feedforward inhibition network. *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/S0022519320301521`.

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[BSC20b] Swarnendu Banerjee, Amar Sha, and Joydev Chattopadhyay. Cooperative predation on mutualistic prey communities. *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/S0022519320300126`.

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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. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0022519324002340`.

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[BSS+20] Vijay Bhardwaj, Rahul Singh, Pooja Singh, Rituraj Purohit, and Sanjay Kumar. Elimination of bitter-off taste of stevioside through structure modification and computational interventions. *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/S0022519319304631`.

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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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[BT22] Vasiliki Bitsouni and Vasilis Tsilidis. Mathematical modeling of tumor-immune system interactions: the effect of rituximab on breast cancer immune response. *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/S0022519321004215`.

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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 multiple myeloma. *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/S0022519323002497`.

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[BV26] Anass Bouchnita and Vitaly Volpert. Intracellular ISG-virus interactions determine viral infection severity and persistence. *Journal of Theoretical Biology*, 616(??):??, January 7, 2026. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519325002176`.

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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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[BW24] Jie Bai and Jin Wang. Modeling long COVID dynamics: Impact of underlying health conditions. *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/S0022519323002667`.

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[BW25] Samantha Brotman and Geoff Wild. Co-evolution of pathogen-host interactions with vertical transmission can produce bistable outcomes. *Journal of Theoretical Biology*, 604(??):??, May 7, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519325000396`.

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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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[CA21] Kingsley J. A. Cox and Paul R. Adams. A minimal model of the interaction of social and individual learning. *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/S002251932100134X`.

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[CAARG21] Mauricio Castaño-Arcila, Luis U. Aguilera, and Jesús Rodríguez-González. Modeling the intracellular dynamics of the dengue viral infection and the innate immune response. *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/S0022519320303842`.

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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.

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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(??):??,

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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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[CCVB+21] Ielyaas Cloete, Juliana C. Corrêa-Velloso, Paula J. Bartlett, Vivien Kirk, Andrew P. Thomas, and James Sneyd. A tale of two receptors. *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/S0022519321000515.

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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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[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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[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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[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`.

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[CKF+24] Hyejeong Lee Cheon, Nataliya Kizilova, Eirik G. Flekkøy, Matthew J. Mason, Lars P. Folkow, and Signe Kjelstrup.

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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+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. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322000881`.

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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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[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 (elec-

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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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[CLW+24] Wangmin Cai, Peiqiang Liu, Zunfang Wang, Hong Jiang, Chang Liu, Zhaojie Fei, and Zhuang Yang. Link prediction in protein–protein interaction network: a similarity multiplied similarity algorithm with paths of length three. *Journal of Theoretical Biology*, 589(??):??, July 21, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519324001310.

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[CMLM23] Javier Cervera, José A. Manzanares, Michael Levin, and Salvador Mafe. Transplantation of fragments from different planaria: a bioelectrical model for head regeneration. *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/S0022519322003472`.

Chulian:2021:DPF

[CMRMC+21] Salvador Chulián, Álvaro Martínez-Rubio, Anna Marciniak-Czochra, Thomas Stiehl, Cristina Blázquez Goñi, Juan Francisco Rodríguez Gutiérrez, Manuel Ramírez Orellana, Ana Castillo Robleda, Víctor M. Pérez-García, and María Rosa. Dynamical properties of feedback signalling in B lymphopoiesis: a mathematical modelling approach. *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/S0022519321001077`.

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[CN20] Roger Cropp and John Norbury. The emergence of new trophic levels in eco-evolutionary models with naturally-bounded traits. *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/S0022519320301193`.

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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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[CP23] Justin G. Chitpin and Theodore J. Perkins. A Markov constraint to uniquely identify elementary flux mode weights in unimolecular metabolic networks. *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/S0022519323002291`.

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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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[CPMF+22] Abdennasser Chekroun, Laurent Pujo-Menjouet, Steve Falcoz, Kamyine Tsuen, Kevin Yueh-Hsun Yang, and Jean-Philippe Berteau. Theoretical evidence of osteoblast self-inhibition after activation of the genetic regulatory network controlling mineralization. *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/S0022519322000030.

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[CPS20] Marta C. Couto, Jorge M. Pacheco, and Francisco C. Santos. Governance of risky public goods under graduated punishment. *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/S0022519320302782.

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[CR20] Robert C. Cope and Joshua V. Ross. Identification of the relative timing of infectiousness and symptom onset for outbreak control. *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/S0022519319304485.

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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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[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 in the UK. *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/S002251932200323X`.

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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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[DBW22] Cecilia Duran, Manuel Barcenas, and Qixuan Wang. Modeling of ionizing radiation induced hair follicle regenerative dynamics. *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/S0022519322002740`.

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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

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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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[dDA21] María del Valle Rafo, Juan Pablo Di Mauro, and Juan Pablo Aparicio. Disease dynamics and mean field models for clustered networks. *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/S0022519320304094`.

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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), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322000546`.

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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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[DF22] Marie-Hélène Descary and Sorana Froda. Estimating the basic reproduction number from noisy daily data. *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/S0022519322002089`.

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[dGSNK22] Antonio Ladrón de Guevara, Jessica K. Shang, Maiken Nedergaard, and Douglas H. Kelley. Perivascular pumping in the mouse brain: Improved boundary conditions reconcile theory, simulation, and experiment. *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/S0022519322001011`.

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[Di 20] Massimo Di Giulio. Common ancestry of eukaryotes and *Asgardarchaeota*: Three, two or more cellular domains of life? *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/S0022519319304527`.

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[dIMM24] Alberto d'Onofrio, Mimmo Iannelli, Gabriela Marinoschi, and Piero Manfredi. Multiple pandemic waves vs multi-period/multi-phasic epidemics: Global shape of the COVID-19 pandemic. *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/S0022519324001656`.

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[DJ22] Moran Duan and Zhen Jin. The heterogeneous mixing model of COVID-19 with interventions. *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/S0022519322002508`.

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[dKCA22] Jean-François de Kemmeter, Timoteo Carletti, and Malbor Asllani. Self-segregation in heterogeneous metapopulation landscapes. *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/S0022519322002624`.

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[DKSP24] Grant Dufek, Guy Katriel, Sagi Snir, and Matteo Pellegrini. Exponential dynamics of DNA methylation with age. *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/S0022519323002941`.

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[DLSA24] Graham M. Donovan, Congping Lin, Imogen Sparkes, and Peter Ashwin. Emergence and stability of endoplasmic reticulum network streaming in plant cells. *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/S002251932400239X`.

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[DMAC21] Abdoulaye Diouf, Houda Mokrani, Evans Afenya, and Baba Issa Camara. Computation of the conditions for anti-angiogenesis and gene therapy synergistic effects: Sensitivity analysis and robustness of target solutions. *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/S0022519321002691`.

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[DMPIG24] Philippe Dague, Laurent Muller, Loïc Paulevé, and Marc Irigoin-Guichandut. Towards a qualitative theory of the interruption of eating behavior change. *Journal of Theoretical Biology*, 581(??):??, March 21, 2024. CODEN

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[DMR21] Attila Dénes, Sadegh Marzban, and Gergely Röst. Global analysis of a cancer model with drug resistance due to Lamarckian induction and microvesicle transfer. *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/S0022519321002319`.

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[DN22] Olga Denysova and Johannes M. Nitsche. Conclusions about osmotically inactive volume and osmotic fragility from a detailed erythrocyte model. *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/S0022519321004021`.

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[FK21] Cody E. FitzGerald and James P. Keener. The PafBC-mediated response sensitizes a bistable DNA damage response

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[FLO25] Alistair D. Falconer, Zhiyong Li, and Dietmar B. Oelz. Two-lane track geometry facilitates coordination of collective cell migration. *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/S0022519325000712`.

Frank:2021:BSA

[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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[FLR23] Franco Flandoli, Marta Leocata, and Cristiano Ricci. The mathematical modeling of cancer growth and angiogenesis by an individual based interacting system. *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/S0022519323000280`.

Frank:2023:MPT

[FLRR23] Anna-Simone Josefine Frank, Kamila Larripa, Hwayeon Ryu, and Susanna Röblitz. Macrophage phenotype transitions in a stochastic gene-regulatory network model. *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/S002251932300231X`.

Fahimi:2023:SMP

[FMO23] Peyman Fahimi, Chérif F. Matta, and Jordan G. Okie. Are size and mitochondrial power of cells inter-determined? *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/S0022519323001625`.

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[FNGJ21] Ali Foroutannia, Fahimeh Nazarimehr, Mahdieh Ghasemi, and Sajad Jafari. Chaos in memory function of sleep: a nonlinear dynamical analysis in thalamocortical study. *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/S0022519321002563`.

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[For24] Donald R. Forsdyke. Genomic compliance with Chargaff's second parity rule may have originated non-adaptively, but stem-loops now function adaptively. *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/S0022519324002285`.

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[For25] Krzysztof Wojciech Fornalski. The short comment on the individual response to ionizing radiation. *Journal of Theoretical Biology*, 604(??):??, May 7, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S002251932500058X`.

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[FOY21] Tadeu M. Fagundes, Juan C. Ordonez, and Neda Yaghoobian. The role of mound functions and local environment in the diversity of termite mound structures. *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/S0022519321002423`.

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[FPGC21] R. Fernández-Peralta and A. Gómez-Corral. A structured Markov chain model to investigate the effects of pre-exposure vaccines in tuberculosis control. *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/S0022519320303453`.

Flores-Perez:2025:TDE

[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`.

Franco:2024:NIC

[FPS24] Daniel Franco, Juan Perán, and Juan Segura. New insights into the combined effect of dispersal and local dynamics in a two-patch population 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/S0022519324002273`.

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[FPX20] Yinhai Fang, Matjaz Perc, and Haiyan Xu. The Singaporean model in public goods dilemmas with benevolent leaders and bribery. *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/S0022519320302009`.

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[Fra25] Andrew Francis. "Normal" phylogenetic networks may be emerging as the leading class. *Journal of Theoretical Biology*, 614(??):??, November 7, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519325002024`.

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[FRMK22] Federico Frascoli, Izanne Roos, Charles B. Malpas, and Tomas Kalincik. The dynamics of relapses during treatment switch in relapsing-remitting multiple sclerosis. *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/S0022519322000893`.

Filar:2022:SRI

[FS22] Jerzy Filar and Sabrina Streipert. Square root identities for harvested Beverton–Holt models. *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/S0022519322001977`.

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[FS24] José F. Fontanari and Mauro Santos. Solving the prisoner's dilemma trap in Hamilton's model of temporarily formed random groups. *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/S0022519324002315`.

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[FSC21] Linnea C. Franssen, Nikolaos Sfakianakis, and Mark A. J. Chaplain. A novel 3D atomistic-continuum cancer invasion model: In silico simulations of an *in vitro* organotypic invasion assay. *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/S0022519321000990`.

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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 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320303490`.

Fornari:2020:SEN

[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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[FSKG21] A. Frank, S. Subbey, M. Kobras, and H. Gjøsæter. Population dynamic regulators in an empirical predator–prey system. *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/S0022519321002332`.

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[FSNS20] Arezoo Farzanfar, Farzaneh Shayegh, Behzad Nazari, and Saeid Sadri. Physiological constraints of visual pathway lead to more efficient coding of information in retina. *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/S0022519320302733`.

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[FVB20] Mehran Fazli, Theodore Vo, and Richard Bertram. Phantom bursting may underlie electrical bursting in single pancreatic β-cells. *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/S0022519320302010`.

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[FVC20] Tak Fung, Sonali Verma, and Ryan A. Chisholm. Probability distributions of extinction times, species richness, and immigration and extinction rates in neutral ecological models. *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/S0022519319304205`.

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[FZE22] Alvaro Fletcher, Ruonan Zhao, and German Enciso. Non-cooperative mechanism for bounded and ultrasensitive chromatin remodeling. *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/S0022519321003659`.

Garzon-Alvarado:2024:PIN

[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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[Gar23] Andy Gardner. W. D. Hamilton and the golden sex ratio. *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/S0022519323001960`.

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[Gar24] Andy Gardner. A geometric approach to the evolution of altruism. *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/S0022519323002503`.

Gavish:2025:REP

[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). URL `https://www.sciencedirect.com/science/article/pii/S0022519325000116`.

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[GB23] Jean-Pierre Gabriel and Louis-Félix Bersier. Theoretical investigation of the dependence of population parameters on initial population size. *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/S0022519323000887`.

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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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[GBHNHVL23] José Giral-Barajas, Carlos Ignacio Herrera-Nolasco, Marco Arieli Herrera-Valdez, and Sergio I. López. A probabilistic approach for the study of epidemiological dynamics of infectious diseases: Basic model and properties. *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/S002251932300173X`.

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[GBRM21] Aditi Ghosh, Isaac Berger, Christopher H. Remien, and Anuj Mubayi. The role of alcohol consumption on acetaminophen induced liver injury: Implications from a mathematical model. *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/S0022519320304148`.

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[GC20] Catheryn W. Gray and Adelle C. F. Coster. From insulin to Akt: Time delays and dominant processes. *Journal of*

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[GCA+20] Xiaohui Guo, Jun Chen, Asma Azizi, Jennifer Fewell, and Yun Kang. Dynamics of social interactions, in the flow of information and disease spreading in social insects colonies: Effects of environmental events and spatial heterogeneity. *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/S0022519320300461`.

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[GCC20] Peter J. Gawthrop, Peter Cudmore, and Edmund J. Crampin. Physically-plausible modelling of biomolecular systems: a simplified, energy-based model of the mitochondrial electron transport chain. *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/S0022519320300783`.

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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`.

Garzon:2021:DPP

[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 interferons. *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/S0022519321002162`.

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[GCX+20] József Garay, Ross Cressman, Fei Xu, Mark Broom, Villő Csiszár, and Tamás F. Móri. When optimal foragers meet in a game theoretical conflict: a model of kleptoparasitism. *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/S0022519320301612`.

Ghosh:2025:DCO

[GDC+25] Adrita Ghosh, Parthasakha Das, Tanujit Chakraborty, Pritha Das, and Dibakar Ghosh. Developing cholera outbreak forecasting through qualitative dynamics: Insights into Malawi case study. *Journal of Theoretical Biology*, 605(??):??, May 21, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519325000633`.

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[GDd+21] A. Gandolfi, S. De Franciscis, A. d'Onofrio, A. Fasano, and C. Sinisgalli. Angiogenesis and vessel co-option in a mathematical model of diffusive tumor growth: the role of chemotaxis. *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/S0022519320303817`.

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[GDLF20] Einar Bjarki Gunnarsson, Subhajyoti De, Kevin Leder, and Jasmine Foo. Understanding the role of phenotypic switching in cancer drug resistance. *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/S0022519320300187`.

Guo:2023:HID

[GDQR23] Ting Guo, Qi Deng, Zhipeng Qiu, and Libin Rong. HIV infection dynamics and viral rebound: Modeling results from humanized mice. *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/S0022519323000863`.

Gomez:2022:SES

[GEHL+22] Angela Maria Gomez, J. F. Escobar-Huertas, D. L. Linero, F. P. Cardenas, and D. A. Garzón-Alvarado. Simulation of the electrical stimulation of the rat brain using sleep frequencies: a finite element modeling approach. *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/S0022519322000911`.

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[GF23] Dylan A. Goodin and Hermann B. Frieboes. Evaluation of innate and adaptive immune system interactions in the tumor microenvironment via a 3D continuum model. *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/S0022519322003745`.

Garakani:2025:EHR

[GFAP+25] Spalding Garakani, Luis Flores, Guillermo Alvarez-Pardo, Jan Rychtár, and Dewey Taylor. The effect of heterogeneity of relative vaccine costs on the mean population vaccination rate with mpox as an example. *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/S0022519325000281`.

Gomes:2022:IVS

[GFC+22] M. Gabriela M. Gomes, Marcelo U. Ferreira, Rodrigo M. Corder, Jessica G. King, Caetano Souto-Maior, Carlos Penha-Gonçalves, Guilherme Gonçalves, Maria Chikina, Wesley Pegden, and Ricardo Aguas. Individual variation in susceptibility or exposure to SARS-CoV-2 lowers the herd immunity threshold. *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/S0022519322000613`.

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[GFH20] Tapiwa Ganyani, Christel Faes, and Niel Hens. Inference of the generalized-growth model via maximum likelihood esti-

mation: a reflection on the impact of overdispersion. *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/S0022519319303996`.

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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`.

Glasser:2023:ASS

[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 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322002879`.

Gutierrez:2023:IVI

[GG23] Maria A. Gutierrez and Julia R. Gog. The importance of vaccinated individuals to population-level evolution of pathogens. *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/S0022519323000899`.

Goy:2021:AVT

[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`.

Gantseva:2024:KAP

[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`.

Gevertz:2021:NCE

[GGSTS21] Jana L. Gevertz, James M. Greene, Cynthia H. Sanchez-Tapia, and Eduardo D. Sontag. A novel COVID-19 epidemiological model with explicit susceptible and asymptomatic isolation compartments reveals unexpected consequences of timing social distancing. *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/S0022519320303945`.

Ghaderi:2020:SCM

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

Gasior:2022:MIC

[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`.

Grunnill:2022:CYA

[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`.

Gunther:2018:BMS

[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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[GJDS20] Maryam Ghasemi, Benjamin Jenkins, Andrew C. Doxey, and Sivabal Sivaloganathan. A study of nitric oxide dynamics in a growing biofilm using a density dependent reaction–diffusion model. *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/S0022519319304229`.

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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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[GK21] Amitava Giri and Sandip Kar. Incoherent modulation of bistable dynamics orchestrates the Mushroom and Isola bifurcations. *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/S0022519321003015`.

Grandmont:2025:SOA

[GKMN25] Céline Grandmont, Cyril Karamaoun, Sébastien Martin, and Frédérique Noël. Sensitivity and optimality analysis of breathing scenarios for 1D or 0D models of gas diffusion in the lung. *Journal of Theoretical Biology*, 615(??):??, December 7, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519325002012`.

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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`.

Gao:2022:TSM

[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`.

Giacobbi:2024:MMA

[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`.

Goyal:2021:MRN

[Goy21] Ashish Goyal. Modeling reveals no direct role of the extent of HBV DNA integrations on the outcome of infection. *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/S0022519321002125`.

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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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[GQG23] Farnaz Golnaraghi, David A. Quint, and Ajay Gopinathan. Optimal foraging strategies for mutually avoiding competitors. *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/S0022519323001339`.

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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`.

Ghosh:2024:EED

[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`.

Gunther:2021:RNF

[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`.

Goddard:2023:ERP

[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`.

Gholampour:2022:ESB

[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`.

Ghosh:2023:COW

[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`.

Gunn:2026:GPM

[GSS26] Eva Gunn, Nikhil Sengupta, and Ben Swallow. Gaussian process modelling of infectious diseases using the Greta software package and GPUs. *Journal of Theoretical Biology*, 616(??):??, January 7, 2026. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519325002449`.

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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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[GT22] A. V. Galimzyanov and R. N. Tchuraev. Dynamic mechanism of phase variation in bacteria based on multistable gene regulatory networks. *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/S0022519322002107`.

Giaretta:2020:SMH

[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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[GtHH20] Holger R. Goerlitz, Hannah M. ter Hofstede, and Marc W. Holderied. Neural representation of bat predation risk and evasive flight in moths: a modelling approach. *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/S0022519319304515`.

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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.

Gao:2022:DDM

[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), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519321003428.

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.

Giuraniuc:2022:MMP

[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`.

Hernandez-Aristizabal:2024:BSM

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

Haji:2020:CAT

[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`.

Hanin:2023:CSM

[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`.

Halkola:2022:TMM

[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].

Heitzman-Breen:2021:MDU

[HBGV+21] Nora Heitzman-Breen, Jacob Golden, Ana Vazquez, Sarah C. Kuchinsky, Nisha K. Duggal, and Stanca M. Ciupe. Modeling the dynamics of Usutu virus infection in birds. *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/S0022519321003155`.

Heitzman-Breen:2025:RNV

[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`.

Hahn:2020:GPF

[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`.

Herron-Bedoya:2021:PBM

[HBWLLPA21] Alejandro Herron-Bedoya, Manuela Walteros-Leon, Laura Lema-Perez, and Hernan Alvarez. Phenomenological-

based model of glucose transport from liver to abdominal subcutaneous adipose tissue. *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/S0022519321003027`.

Hansen:2024:PDG

[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 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519324001231`.

Hengenius:2021:ONR

[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`.

Hernandez:2023:MMW

[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`.

Holt:2022:CMD

[HD22] Alan G. Holt and Adrian M. Davies. A comparison of mtDNA deletion mutant proliferation mechanisms. *Journal 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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[HD24] Alan G. Holt and Adrian M. Davies. The long term effects of uncoupling interventions as a therapy for dementia in humans. *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/S0022519324001061`.

Hudnall:2025:WDT

[HD25] Kevin Hudnall and Raissa M. D'Souza. What does the tree of life look like as it grows? Evolution and the multifractality of time. *Journal of Theoretical Biology*, 607(??):??, June 21, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519325000876`.

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[HDM20] Tomohiro Hayakawa, Shigeto Dobata, and Fumitoshi Matsuno. Behavioral responses to colony-level properties affect disturbance resistance of red harvester ant colonies. *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/S0022519320300424`.

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[Hen20] John M. Henry. A hybrid model for the effects of treatment and demography on malaria superinfection. *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/S0022519320300497`.

Haun:2023:ECR

[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), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322003617`.

Halder:2022:UNC

[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`.

Harris:2025:IAE

[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`.

Huber:2023:SBP

[HGF23] Holly A. Huber, Senta K. Georgia, and Stacey D. Finley. Systematic Bayesian posterior analysis guided by Kullback–Leibler divergence facilitates hypothesis formation. *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/S0022519322003320`.

Hu:2025:PRM

[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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[HH21] Yan-San Huang and Fu-Lan Hsu. Mechanism of cracking failure in curved stems due to transverse stress under a bending moment. *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/S0022519320303714`.

He:2026:ABC

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[MC20b] Archan Mukhopadhyay and Sagar Chakraborty. Periodic orbit can be evolutionarily stable: Case study of discrete replicator dynamics. *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/S0022519320301430`.

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[MCL20] Alejandra Melfo, Ragan M. Callaway, and Luis D. Llambí. Interactions between nurse plants and parasitic beneficiaries: a theoretical approach to indirect facilitation. *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/S002251932030093X`.

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[MCL21] Emily E. Meyer, Colleen E. Clancy, and Timothy J. Lewis. Dynamics of adrenergic signaling in cardiac myocytes and implications for pharmacological treatment. *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/S0022519321000412`.

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[MCMdAM24] Blake McGrane-Corrigan, Oliver Mason, and Rafael de Andrade Moral. Inferring stochastic group interactions within structured populations via coupled autoregression. *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/S0022519324000742`.

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[MDCK23] Cameron Meaney, Sunit Das, Errol Colak, and Mohammad Kohandel. Deep learning characterization of brain tumours with diffusion weighted imaging. *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/S0022519322003332`.

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[MDF21] I. R. Moyles, J. G. Donohue, and A. C. Fowler. Quasi-steady uptake and bacterial community assembly in a mathematical model of soil-phosphorus mobility. *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/S0022519320303854`.

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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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[MDS25] Gordon R. McNicol, Matthew J. Dalby, and Peter S. Stewart. A theoretical model for focal adhesion and cytoskeleton formation in non-motile cells. *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/S0022519324002509`.

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[MEA21] Leonardo Miele, R. M. L. Evans, and Sandro Azaele. Redundancy-selection trade-off in phenotype-structured populations. *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/S0022519321003039`.

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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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[MEPS22] Mathilde Massard, Raluca Eftimie, Antoine Perasso, and Bruno Saussereau. A multi-strain epidemic model for COVID-19 with infected and asymptomatic cases: Application to French data. *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/S0022519322001151`.

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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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[MG21] Russell Milne and Frederic Guichard. Coupled phase-amplitude dynamics in heterogeneous metacommunities. *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/S0022519321000989`.

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[MGZ+21] Maria M. Martignoni, Jimmy Garnier, Xinlu Zhang, Daniel Rosa, Vasilis Kokkoris, Rebecca C. Tyson, and Miranda M. Hart. Co-inoculation with arbuscular mycorrhizal fungi differing in carbon sink strength induces a synergistic effect in plant growth. *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/S0022519321002782`.

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[MH22b] John S. McAlister and Ian M. Hamilton. An adaptive dynamic model of a vigilance game among group foragers. *Journal of Theoretical Biology*, 538(??):??, April 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (elec-

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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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[MHPB23] Samuel Monter, Veit-Lorenz Heuthe, Emanuele Panizon, and Clemens Bechinger. Dynamics and risk sharing in groups of selfish individuals. *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/S0022519323000292.

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[MHV+21] Sarah Minucci, Rebecca L. Heise, Michael S. Valentine, Franck J. Kamga Gninzeko, and Angela M. Reynolds. Mathematical modeling of ventilator-induced lung inflammation. *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/S0022519321001600.

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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),

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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 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320304082`.

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[MK24] Takeshi Miki and Po-Ju Ke. Macroscale vertical power-law distribution of bacteria in dark oceans can emerge from microscale bacteria-particle interactions. *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/S0022519324002418`.

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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 (elec-

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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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[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`.

McCauley:2024:BMF

[MMK+24] Mark E. McCauley, Peter McCauley, Leonid V. Kalachev, Samantha M. Riedy, Siobhan Banks, Adrian J. Ecker, David F. Dinges, and Hans P. A. Van Dongen. Biomathematical modeling of fatigue due to sleep inertia. *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/S0022519324001322`.

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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. *Jour-*

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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`.

Mitchinson:2024:SMT

[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`.

Malige:2022:MML

[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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[MPHK+25] Simon F. Martina-Perez, Luke A. Heirene, Jennifer C. Kasemeier, Paul M. Kulesa, and Ruth E. Baker. Modeling cell differentiation in neuroblastoma: Insights into development, malignancy, and treatment relapse. *Journal of Theoretical Biology*, 614(??):??, November 7, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519325001961`.

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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 Theoretical Biology*, 594(??):??, November 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519324001954`.

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[MS20] Pedram Mirchi and M. Soltani. Estimation of drug and tumor properties using novel hybrid meta-heuristic methods.

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[MS25] Felipe A. Murgel and Max O. Souza. Evolutionarily stable strategies in population games: an invader's perspective. *Journal of Theoretical Biology*, 607(??):??, June 21, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519325000748`.

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[MSB24] Arindam Mandal, Nazmul Sk, and Saswati Biswas. Nutrient enrichment and phytoplankton toxicity influence a diversity of complex dynamics in a fear-induced plankton-fish model. *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/S0022519323002953`.

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[MSK+22] Somya Mehra, Eva Stadler, David Khoury, James M. McCaw, and Jennifer A. Flegg. Hypnozoite dynamics for *Plasmodium vivax* malaria: the epidemiological effects of radical cure. *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/S0022519322000121`.

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[MSL23] Taiga Matsufuji and Sungrim Seirin-Lee. The optimal strategy of incompatible insect technique (IIT) using *Wolbachia* and the application to malaria control. *Journal of Theoretical Biology*, 569(??):??, July 21, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519323001157`.

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[MSLW23] Andreea Magalie, Daniel A. Schwartz, Jay T. Lennon, and Joshua S. Weitz. Optimal dormancy strategies in fluctuat-

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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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[PB22] Coralie Picoche and Frédéric Barraquand. Seed banks can help to maintain the diversity of interacting phytoplankton species. *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/S0022519322000182`.

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[PBB20] Sofia H. Piltz, Cecilia G. Diniz Behn, and Victoria Booth. Habitual sleep duration affects recovery from acute sleep deprivation: a modeling 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/S0022519320302563`.

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[PBD+20] Michael J. Pitcher, Ruth Bowness, Simon Dobson, Raluca Eftimie, and Stephen H. Gillespie. Modelling the effects of environmental heterogeneity within the lung on the tuberculosis life-cycle. *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/S0022519320302368`.

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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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[PBW25] Tadeas Priklopil, Kirsten Bomblies, and Alex Widmer. Adaptation of protein stability to thermally heterogeneous environments. *Journal of Theoretical Biology*, 615(??):??, December 7, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519325002188`.

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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`.

Palmer:2021:AAE

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

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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.

Park:2023:VGH

[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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[Pis25] Vit Piskovsky. Evolution of predators and prey kills Turing patterns. *Journal of Theoretical Biology*, 607(??):??, June 21, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519325000736.

Pramanik:2021:MAR

[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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[PJT25] Adam H. Porter, Norman A. Johnson, and Alexander Y. Tulchinsky. Fitness landscapes of simple regulatory genetic interactions show pervasive heterozygote advantage and support stable polymorphism. *Journal of Theoretical Biology*, 614(??):??, November 7, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519325001997`.

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[PJVR23] Rakesh Pandey, Amit Jangid, Ramalakshmi Gayathri Vinjamuri, and Ramakrishna Ramaswamy. Modelling of indirect cell-cell interaction networks mediated by IFNγ / IL-4 cytokine involved in atopic dermatitis. *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/S002251932200282X`.

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[PK23] Lucie Plazen and Anmar Khadra. Excitable dynamics in a molecularly-explicit model of cell motility: Mixed-mode oscillations and beyond. *Journal of Theoretical Biology*, 564(??):??, May 7, 2023. CODEN JTBIAP. ISSN 0022-5193 (print),

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

Pontarp:2024:SED

[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`.

Pattni:2021:EGT

[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`.

Parvinen:2023:EDU

[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`.

Pozzobon:2020:MNW

[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].

Perret:2022:IRL

[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). URL `http://www.sciencedirect.com/science/article/pii/S0022519320303064`.

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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`.

Perez:2020:MGD

[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`.

Payandeh:2020:DEA

[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 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322000510`.

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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`.

Piephoff:2024:BTM

[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`.

Pearson:2023:MIV

[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 infected 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`.

Petrovskaya:2020:WSB

[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`.

Poormohammadi:2020:NMC

[PZG20] Hadi Poormohammadi, Mohsen Sardari Zarchi, and Hossein Ghaneai. NCHB: a method for constructing rooted phylogenetic networks from rooted triplets based on height function and binarization. *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/S0022519319305144`.

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[QHS23] Hongchun Qu, Aviad Heifetz, and Merav Seifan. Batesian mimicry or general food deception? An evolutionary game between plants for pollinator services. *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/S0022519323002060`.

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[QPL21] Pierre Quévreux, Rémi Pigeault, and Michel Loreau. Predator avoidance and foraging for food shape synchrony and response to perturbations in trophic metacommunities. *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/S0022519321002551`.

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[Qui20] Tadeg Quillien. Evolution of conditional and unconditional commitment. *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/S002251932030059X`.

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[QVE25] Tianjian Qin, Luis Valente, and Rampal S. Etienne. Impact of evolutionary relatedness on species diversification and tree shape. *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/S0022519324002777`.

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[QWZK24] Guangjing Qian, Dan Wu, Lai Zhang, and Susanne Kortsch. Temperature variability regulates the interactive effects of warming and pharmaceutical on aquatic ecosystem dynamics. *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/S0022519324002339`.

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[QYY+23] Hong Qi, Yu-Song Yin, Zhi-Yong Yin, Xiang Li, and Jian-Wei Shuai. Mitochondrial outer membrane permeabilization and inner membrane permeabilization in regulating apoptosis and inflammation. *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/S0022519323001558`.

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[Rav21] Alessandro Ravoni. Long-term behaviours of Autocatalytic Sets. *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/S0022519321002794`.

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[RBG+23] Minghao W. Rostami, Brittany E. Bannish, Kelsey Gasior, Rebecca L. Pinals, Calina Copos, and Adriana T. Dawes. Inferring local molecular dynamics from the global actin network structure: a case study of 2D synthetic branching actin networks. *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/S0022519323002102`.

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[RBW20] David Rudrauf, Daniel Bennequin, and Kenneth Williford. The Moon illusion explained by the projective consciousness model. *Journal of Theoretical Biology*, 507(??):??, December 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320303106`.

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[RBZP24] L. Roques, N. Boutillon, P. Zamberletti, and J. Papaïx. Polymorphic population expansion velocity in a heterogeneous environment. *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/S0022519324002170`.

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[RCM+25] Buddhadev Ranjit, Arnab Chattopadhyay, Arindam Mandal, Santosh Biswas, and Joydev Chattopadhyay. Beyond predation: Fish–coral interactions can tip the scales of coral disease. *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/S0022519324003163`.

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[RDDSA25] Bastien Reyné, Ramsès Djidjou-Demasse, Mircea T. Sofonea, and Samuel Alizon. Mutant emergence timing and population immunisation status impact epidemiological dynamics. *Journal of Theoretical Biology*, 608(??):??, July 7, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519325001067`.

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[RE25] P. A. Robinson and Rawan Khalil El Zghir. Unification of alpha, mu, and tau rhythms and their beta-band harmonics via eigenmodes: spectral peaks, topography, and reactivity. *Journal of Theoretical Biology*, 608(??):??, July 7, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S002251932500102X`.

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[REK20] Marissa Renardy, Marisa Eisenberg, and Denise Kirschner. Predicting the second wave of COVID-19 in Washtenaw County, MI. *Journal of Theoretical Biology*, 507(??):??, December 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320303167`.

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[Rev25] Tomás A. Revilla. Plant-pollinator interaction model with separate pollen and nectar dynamics. *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/S0022519325000621`.

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[RG21] Sebastián Risau-Gusman. Color discrimination properties arising from optimal decoding in the early stages of visual systems. *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/S0022519321001958`.

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[RGBD25] Mossa Merhi Reimert, Maya Katrin Gussmann, Anette Ella Boklund, and Matt Denwood. Choice of landscape discretisation method affects the inferred rate of spread in wildlife disease spread models. *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/S0022519324002480`.

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[RID23] Ilan N. Rubin, Yaroslav Ispolatov, and Michael Doebeli. Adaptive diversification and niche packing on rugged fitness landscapes. *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/S0022519323000176`.

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[RK22a] Ravi Ranjan and Christopher A. Klausmeier. How the resource supply distribution structures competitive communities. *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/S0022519322000522`.

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[RK22b] A. Richards and L. Kubatko. Site pattern probabilities under the multispecies coalescent and a relaxed molecular clock: Theory and applications. *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/S0022519322000765`.

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[RKCvB25] Vivi Rottschäfer, Willem G. N. Kuppers, Jiao Chen, and Ed van Bavel. Arterial arcades and collaterals regress under hemodynamics-based diameter adaptation: a computational and mathematical analysis. *Journal of Theoretical Biology*, 607(??):??, June 21, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519325000773`.

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[RLB25] Ati Rostami, Brodie A. J. Lawson, and Kevin Burrage. An in-depth study of the dynamics of Thornley's mathematical model in plant biology with a view to an improved model. *Journal of Theoretical Biology*, 604(??):??, May 7, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519325000372`.

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[RLL25] Yu Rui, Shu Liu, and Suyu Liu. Kir4.1 channel and voltage-gated calcium channel of astrocyte account for the transition dynamics of seizures. *Journal of Theoretical Biology*, 604(??):??, May 7, 2025. CODEN JTBIAP. ISSN 0022-5193 (print),

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[RLW+21] Hua-Rong Ren, Ming-Tao Li, You-Ming Wang, Zhen Jin, and Juan Zhang. The risk factor assessment of the spread of foot-and-mouth disease in mainland China. *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/S0022519320304136`.

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[RMG+21] Christopher Rose, Andrew J. Medford, C. Franklin Goldsmith, Tejs Vegge, Joshua S. Weitz, and Andrew A. Peterson. Heterogeneity in susceptibility dictates the order of epidemic models. *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/S0022519321002587`.

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[RMS+25] Samiha Rouf, Casey Moore, Debabrata Saha, Dan Nguyen, MaryLena Bleile, Robert Timmerman, Hao Peng, and Steve Jiang. PULSAR Effect: Revealing potential synergies in combined radiation therapy and immunotherapy via differential equations. *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/S0022519324002595`.

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[RMSS24] Hamid Ravaee, Mohammad Hossein Manshaei, Mehran Safayani, and Javad Salimi Sartakhti. Intelligent phenotype-detection and gene expression profile generation with generative adversarial networks. *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/S0022519323002333`.

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[RNP+21] Trevor Reckell, Kyle Nguyen, Tin Phan, Sharon Crook, Eric J. Kostelich, and Yang Kuang. Modeling the synergistic properties of drugs in hormonal treatment for prostate cancer. *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/S0022519320304252`.

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[RNP+25] Karthikeyan Rajagopal, Nafise Naseri, Fatemeh Parastesh, Farnaz Ghassemi, and Sajad Jafari. Phase synchronization analysis of EEG functional connectivity in Parkinson's disease. *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/S0022519324002820`.

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[Rob22] Paul A. Roberts. Mathematical models of retinitis pigmentosa: the trophic factor hypothesis. *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/S002251932100357X`.

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[Ros22] Eric Rosenberg. Three or four levels of hierarchy minimize hydraulic power in leaves with pinnate dendritic venation. *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/S0022519322000595`.

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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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[RP21a] Jessie Renton and Karen M. Page. Cooperative success in epithelial public goods games. *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/S0022519321002575`.

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[RP21b] Marija Rosandić and Vladimir Paar. The novel Ideal Symmetry Genetic Code table — common purine–pyrimidine symmetry net for all RNA and DNA species. *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/S0022519321001703`.

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[RR24] Christopher W. Rodriguez and Peter W. Reddien. Agelessness is possible under the disposable soma theory but system complexity makes it unlikely. *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/S0022519324002431`.

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[RRAO21] E. Benjamin Randall, Nicholas Z. Randolph, Alen Alexanderian, and Mette S. Olufsen. Global sensitivity analysis informed model reduction and selection applied to a Valsalva maneuver 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/S0022519321001818`.

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[RS24] Ami Radunskaya and Joshua Sack. Kill rates by immune cells: Ratio-dependent, or mass action? *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/S0022519324000298`.

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[RSPB+22] D. Rudrauf, G. Sergeant-Perthuis, O. Belli, Y. Tisserand, and G. Di Marzo Serugendo. Modeling the subjective perspective of consciousness and its role in the control of behaviours. *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/S0022519321003763`.

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[RT24a] Beatrix Rahnsch and Leila Taghizadeh. Network-based uncertainty quantification for mathematical models in epidemiology. *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/S0022519323002680`.

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[RT24b] Kelvin J. Richards and Axel Timmermann. Dispersal and interbreeding as survival strategies for species exposed to environment change. *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/S002251932400078X`.

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[RW20] Clémence Réda and Bartek Wilczyński. Automated inference of gene regulatory networks using explicit regulatory modules. *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/S0022519319304606`.

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[RWHK21] Sviatoslav Rybnikov, Daniel B. Weissman, Sariel Hübner, and Abraham B. Korol. Fitness dependence preserves selection for recombination across diverse mixed mating strategies. *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/S002251932100268X`.

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[RY22] Felipe Alves Rubio and Hyun Mo Yang. A mathematical model to evaluate the role of memory B and T cells in heterologous secondary dengue infection. *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/S0022519321003817`.

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[RZRS+22] Ivan Ramirez-Zuniga, Jonathan. E. Rubin, David Swigon, Heinz Redl, and Gilles Clermont. A data-driven model of the role of energy in sepsis. *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/S0022519321003672`.

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[SA25] Cameron A. Smith and Ben Ashby. Efficient coupling of within-and between-host infectious disease dynamics. *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/S002251932500027X`.

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[Sac22] Gottfried Sachs. Powered-gliding/climbing flight. *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/S0022519322001448`.

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[SAG21] Ricard Solé and Guim Aguadé-Gorgorió. The ecology of cancer differentiation therapy. *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/S0022519320304070`.

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[Sak20] Satoki Sakai. Maintenance of high inbreeding depression in selfing populations: Two-stage effect of early- and late-acting mutations. *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/S0022519320301624`.

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[SAK21] Artur A. Salamatin, Peter H. Adler, and Konstantin G. Kornev. Lepidopteran mouthpart architecture suggests a new mechanism of fluid uptake by insects with long proboscises. *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/S0022519320303805`.

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[Sak22a] Satoki Sakai. Evolution of mixed mating: Effects of among-parent variation in early-acting inbreeding depression coupled with overproduction of ovules. *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/S0022519322002363`.

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[Sak22b] Satoki Sakai. Why are deleterious mutations maintained in selfing populations? An analysis of the effects of early- and late-acting mutations by a two-locus two-allele model. *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/S0022519321003751`.

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[Sal24] Armindo Salvador. Pillars of theoretical biology: "Biochemical systems analysis, I, II and III". *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/S0022519323002527`.

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[Sal25] Fernando Saldaña. Vaccination strategies in a pair formation model for human papillomavirus infection: an optimal control approach. *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/S0022519324002790`.

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[San21] Daniele Santoni. The impact of codon choice on translation process in *Saccharomyces cerevisiae*: folding class, protein function and secondary structure. *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/S0022519321002253`.

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[SBB+22] Matthew J. Simpson, Ruth E. Baker, Pascal R. Buenzli, Ruanui Nicholson, and Oliver J. Maclaren. Reliable and efficient parameter estimation using approximate continuum limit descriptions of stochastic models. *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/S0022519322001990`.

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[SBC+20] Darius Schweinoch, Pia Bachmann, Diana Clausznitzer, Marco Binder, and Lars Kaderali. Mechanistic modeling explains the dsRNA length-dependent activation of the RIG-I mediated immune response. *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/S0022519320301910`.

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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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[TT24] Haruto Tomizuka and Yuuya Tachiki. The eco-evolutionary dynamics of Batesian mimicry. *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/S0022519323002801`.

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[TWT23] Han Tu, Xia Wang, and Sanyi Tang. Exploring COVID-19 transmission patterns and key factors during epidemics caused by three major strains in Asia. *Journal of Theoretical Biology*, 557(??):??, January 21, 2023. CODEN

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[UV23] Peter M. Uhl and Naveen K. Vaidya. Modeling the effects of drugs of abuse on within-host dynamics of two HIV species. *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/S0022519323000310.

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[vBBB+25] Koen J. van Benthem, Rishabh Bagawade, Chantal Blüml, Peter Nabutanyi, Frans M. Thon, and Meike J. Wittmann. Quantifying the effects of intraspecific trait variation and interspecific trait correlations on interacting populations — a nonlinear averaging approach. *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/S0022519325001006.

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[vBW20] Koen J. van Benthem and Meike J. Wittmann. Density dependence on multiple spatial scales maintains spatial variation in both abundance and traits. *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/S0022519319305119.

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[Wad22] Dinkar Wadhwa. The series of a four-node motif and coherent type-1 feed-forward loop can provide sensitive detection over arbitrary range of input signal, thereby explain Weber's law in higher-order sensory processes, and compute logarithm. *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/S0022519322001059`.

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[WCL+25] Yuman Wang, Shuli Chen, Zhaolian Lu, Yu Liu, Jie Hu, and Da Zhou. Inferring absolute cell numbers from relative proportion in stochastic models with cell plasticity. *Journal of Theoretical Biology*, 608(??):??, July 7, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519325000992`.

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[WFL+24] Jian Wang, Zhenmin Fan, Jiashuai Liu, Kailei Liu, Chao-Jun Yan, Xia Ye, and Xiaoyan Deng. Influence of stent strut and its associated injury on thrombus formation: a dissipative particle dynamics study. *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/S0022519324002145`.

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[WH21] Xiaoliang Wang and Andrew Harrison. A general principle for spontaneous genetic symmetry breaking and pattern formation within cell populations. *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/S0022519321002289`.

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[Whi20] Hal Whitehead. Cultural specialization and genetic diversity: Killer whales and beyond. *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/S0022519320300205`.

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[WHRH+23] Dominic G. Whittaker, Alejandra D. Herrera-Reyes, Maurice Hendrix, Markus R. Owen, Leah R. Band, Gary R. Mirams, Kirsty J. Bolton, and Simon P. Preston. Uncertainty and error in SARS-CoV-2 epidemiological parameters inferred from population-level epidemic models. *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/S0022519322003289`.

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[Wil23] Geoff Wild. Pillars of biology: 'the genetical evolution of social behaviour, I and II'. *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/S0022519323000267`.

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[WM20] Robert West and Mauro Mobilia. Fixation properties of rock–paper–scissors games in fluctuating populations. *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/S0022519319305041`.

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[Wor20] Lee Worden. Conservation of community functional structure across changes in composition in consumer-resource models. *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/S0022519320300941`.

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[YdKdJ+20] Shenglai Yin, Henrik J. de Knegt, Mart C. M. de Jong, Yali Si, Herbert H. T. Prins, Zheng Y. X. Huang, and Willem F. de Boer. Effects of migration network configuration and migration synchrony on infection prevalence in geese. *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/S0022519320301703`.

Yang:2024:IEM

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Yin:2023:HTC

[YSP+23] Fulian Yin, Yuwei She, Yanyan Pan, Xinyi Tang, Haotong Hou, and Jianhong Wu. Hot-topics cross-propagation and opinion-transfer dynamics in the Chinese Sina-microblog social media: a modeling study. *Journal of Theoretical Biology*, 566(??):??, June 7, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519323000760`.

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