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

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

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

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

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

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

2 [ACF22, BLRV21, BFSA23, CWF23, CLJ+23, CWL20, CPEK23, CDdV23, CWT+23, CSH+25, DNK+24, GFV+23, GFC+22, Hil23, JMWX23, KvLBD25, Kee23, KBD+23, LRST22, NSZ+25, PWC+23, PDD24, Roy21, TAP+23, WUH23, WHRH+23, XCFH23, YY21, dCC+23]. **2020** [Ano20m, Ano20a, Ano20n, Ano20b, Ano20o, Ano20c, Ano20p, Ano20d, Ano20q, Ano20e, Ano20s, Ano20g, Ano20r, Ano20f, Ano20t, Ano20h, Ano20u, Ano20i, Ano20v, Ano20j, Ano20w, Ano20k, Ano20x, Ano20l, YLT22]. **2021** [Ano21m, Ano21a, Ano21n, Ano21b, Ano21o, Ano21c, Ano21p, Ano21d, Ano21q, Ano21e, Ano21s, Ano21g, Ano21r, Ano21f, Ano21t, Ano21h, Ano21u, Ano21i, Ano21v, Ano21j, Ano21w, Ano21k, Ano21x, Ano21l]. **2022** [Ano22l, Ano22a, Ano22m, Ano22b, Ano22n, Ano22c, Ano22o, Ano22d, Ano22p, Ano22e, Ano22r, Ano22g, Ano22q, Ano22f, Ano22s, Ano22h, Ano22t, Ano22i, Ano22u, Ano22j, Ano22v, Ano22w, Ano22k]. **2023** [Ano23j, Ano23k, Ano23b, Ano23l, Ano23c, Ano23m, Ano23d, Ano23o, Ano23f, Ano23n, Ano23e, Ano23p, Ano23g, Ano23q, Ano23h, Ano23r, Ano23s, Ano23t, Ano23i]. **2024** [Ano24i, Ano24a, Ano24j, Ano24b, Ano24k, Ano24l, Ano24c, Ano24m, Ano24d, Ano24o, Ano24f, Ano24n, Ano24e, Ano24p, Ano24g, Ano24q, Ano24h, Ano24r, Ano24s, Ano24t]. **2025** [Ano25h, Ano25i, Ano25j, Ano25b, Ano25k, Ano25c, Ano25m, Ano25e, Ano25l, Ano25d, Ano25n, Ano25f, Ano25o, Ano25g, Ano25p, Ano25q, Ano25r]. **21** [Ano20a, Ano20b, Ano20c, Ano20d, Ano20e, Ano20g, Ano20f, Ano20h, Ano20i, Ano20j, Ano20k, Ano20l, Ano21a, Ano21b, Ano21c, Ano21d, Ano21e, Ano21g, Ano21f, Ano21h, Ano21i, Ano21j, Ano21k, Ano21l, Ano22a, Ano22b, Ano22c, Ano22d, Ano22e, Ano22g, Ano22f, Ano22h, Ano22i, Ano22j, Ano22k, Ano23b, Ano23c, Ano23d, Ano23f, Ano23e, Ano23g, Ano23h, Ano23i, Ano24a, Ano24b, Ano24c, Ano24d, Ano24f, Ano24e, Ano24g, Ano24h, Ano25b, Ano25c, Ano25e, Ano25d, Ano25f, Ano25g]. **27** [LBF24]. **289** [JCLS+21].

3a [AAL+21].

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

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

605 [LK25a].

7 [Ano20m, Ano20n, Ano20o, Ano20p, Ano20q, Ano20s, Ano20r, Ano20t, Ano20u, Ano20v, Ano20w, Ano20x, Ano21m, Ano21n, Ano21o, Ano21p, Ano21q, Ano21s, Ano21r, Ano21t, Ano21u, Ano21v, Ano21w, Ano21x, Ano22l, Ano22m, Ano22n, Ano22o, Ano22p, Ano22r, Ano22q, Ano22s, Ano22t, Ano22u, Ano22v, Ano22w, Ano23j, Ano23k, Ano23l, Ano23m, Ano23o, Ano23n, Ano23p, Ano23q, Ano23r, Ano23s, Ano23t, Ano24i, Ano24j, Ano24k, Ano24l, Ano24m, Ano24o, Ano24n, Ano24p, Ano24q, Ano24r, Ano24s, Ano24t, Ano25h, Ano25i, Ano25j, Ano25k, Ano25m, Ano25l, Ano25n, Ano25o, Ano25p, Ano25q, Ano25r].

9 [SMS20].

abandoning [LYYN20]. **abdominal** [HBWLLPA21]. **abductive** [PAM24]. **ablation** [FFGR25]. **abnormal** [HRD+24]. **abruptness** [STB20]. **absence** [HGZM25, LYE+24]. **absenteeism** [AMR+23]. **absolute** [WCL+25]. **Absorbing** [DHC25]. **abstraction** [ASK20]. **abundance** [KL21b, SS21, TBNS23, vBW20]. **abundance-dependent** [SS21]. **abundances** [AWC25]. **abuse** [UV23]. **acceleration** [KP21]. **accident** [LLJ25]. **accompanying** [FFGR25]. **according** [LKP+20]. **account** [BKP23, KK23, RLL25]. **Accounting** [MCM20, WHH22]. **accumulation** [JCLS+11, JCLS+21, PS22b, TS23]. **accuracy** [GFV+23]. **Accurate** [YFF25]. **accurately** [LHG+22]. **ACE2** [PRJ+20]. **acetaminophen** [GBRM21]. **acid** [CWT+23, MBF21]. **acids** [IYL+25]. **acquires** [APF+24]. **acquisition** [BSL24]. **across** [AMR+23, BYHH20, JJR20, KPH+24, PJB21, RWHK21, Wor20, XML22, ZZT+21]. **actin** [RBG+23, YL25, dLFO21]. **acting** [Sak20, Sak22a, Sak22b]. **action** [RS24, Vol24]. **activated** [VTDM21]. **activating** [SHY21]. **activation** [AAL+21, BCK24, CPMF+22, DB22a, KB20, MP22, SBC+20, SSKP24]. **Active** [MI20, AJR+20, JJR20]. **activities** [SSX+22, SY25, ZSL23]. **activity** [AKHM23, IYL+25, MCP20, PR21, YLZ+21]. **acute** [BLP20, PBB20]. **adapt** [Haj20]. **adaptation** [RKCvB25]. **adaptations** [SL23]. **adapted** [SC23b]. **Adapting** [MMI22]. **Adaptive** [CC22, LZZ+23, RID23, AJR+20, BP23, Bau20, BBDB22, GF23, GGG21, JKSD23, MH22b, NVS20, Osb24, PAV21, PLR24, Täu20]. **adaptively** [For24]. **adenocarcinoma** [WCZL25]. **ADHD** [AGTJ23]. **adherence** [DHC25, YHT24]. **adhesion** [IHO+20, MDS25, PJB21]. **adhesive** [SK23]. **adipocyte** [GMR+24]. **adiponectin** [SNK20]. **Adipose** [DWNW24, HBWLLPA21]. **adjacent** [KMA+21]. **adjustments** [SW22]. **administration** [BLP20]. **ADRC** [SSLMGC25]. **adrenergic** [MCL21]. **ADT** [LF25]. **adult** [AWC25, LSZ21, WMHV24]. **advanced** [HKL25, KT20b]. **advantage** [Gav25, KPP20, MGCH21, 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]. **Agent-based** [YTG24, Ala20, GTGB21, GGG21, IH21, SSK+25]. **agent-model** [SLML20]. **aggregate** [GWZ+22]. **aggregates** [Kuz24a]. **aggregation** [BERR20, FSKG20, ND22, OYT25, RB22]. **aggregations** [AKHM23]. **aggregative** [CRDD22]. **Aging** [BF20, JSCW21]. **Aging-induced** [JSCW21]. **agricultural** [BB21b]. **AIDS** [ZXLH23]. **aimed** [AHW21]. **air** [HHT25, OTCE24, SHH20, ZZ22]. **airborne** [ABOR20]. **Airway** [Don23, NM23]. **airways** [DWNW24, DEM+23]. **Akt** [GC20, KLLL22]. **alcohol** [GBRM21]. **algae** [OTI+20, TMTK22]. **algae-phosphorus** [TMTK22]. **algal** [SGJ+24]. **algebraic** [MPTCT+20, MZLJ20]. **algorithm** [AFTF22, CLW+24, YFF25]. **Algorithmic** [Pat22]. **algorithms** [FPGOCP+25]. **alignment** [KF20]. **alike** [HGD+25]. **Allee** [AHEB+22, Leh21, LG23, MH22a, SSB20, Sch25, YM23, ZM20]. **Allele** [SC23b, Sak22b]. **allergy** [KHHI25]. **allocation** [BCBP25, CD22, FHTK20, IDMG24, KHST21, MB21]. **allografts** [GYY+23]. **allows** [KK22b]. **alone** [Avv21]. **along** [HI21, LKP+20]. **alpha** [CWT+23, MCP20, RE25]. **alpha-cell** [MCP20]. **alphabet** [MBF21]. **alter** [SCH24]. **alternate** [EHA+21]. **alternative** [KNY25, PBP23]. **altruism** [GCM23, Gar24]. **altruistic** [FFAV21, Pag25]. **alveolar** [ACF22]. **Alzheimer** [IMM24, LLZ+22]. **American** [LZ23]. **amino** [CWT+23, MBF21]. **among** [ADLM24, CBPG23, Kan21, MH22b, Sak22a, TP24, WS24, XSH+24, YJBF20]. **among-parent** [Sak22a]. **amplitude** [MG21]. **amyloid** [Kuz24c]. **amyloid-** [Kuz24c]. **analog** [KK22a]. **Analogy** [YTW21]. **analyse** [TCMA21]. **analyses** [WS24]. **Analysis** [GFV+23, KT21, PCR21, SY25, WBKR22, Ala23, APF+24, BJJM25, BCLJ24, BSC20a, BMB+21, BPM+22, CSHH20, CPHL+20, CF20, CGP+20, Cor21, Cor22, DSdP22, DMR21, DMAC21, ES24, FNGJ21, FLR+21, GGS+24, GSMG22, HJKS20, HXZ+22, HLW24, HGF23, Ish23, KT20a, KG22, KvLBD25, KPR20, KRG24, 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** [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** [LZW23, SD20, SF24a, SBB+22]. **Approximating** [HTD22]. **approximation** [ESW24, dJHP20]. **approximations** [ACMT24, BS22a, GTGB21, LK20]. **April** [Ano20m, Ano20a, Ano21m, Ano21a, Ano22l, Ano22a, Ano23j, Ano24i, Ano24a, Ano25h, Ano23a]. **aptamers** [EPF20]. **aquatic** [ACP20, CG21, PTK+24, QWZK24]. **Arabidopsis** [ADP21]. **arbitrary** [Wad22]. **arboviral** [SUA+20]. **arbuscular** [MGZ+21]. **arcades** [RKCvB25]. **architecture** [SAK21, TS23, TIS25]. **area** [GSC23, MMS+23, SKNvRL22]. **argument** [Bar21]. **arising** [RG21]. **arithmetic** [GCM23]. **arsenal** [Pat22]. **Arterial** [RKCvB25, SVHM+21, JJR20, TDRC23, YTW21]. **arteries** [ZL20]. **arterioles** [FFR22]. **arthropod** [PCR21]. **arthropods** [PCR23]. **article** [PMCLC+23, RB22]. **articular** [MFGACST23]. **Artificial** [FBD23, KT21]. **Artiodactyl** [SCD+23]. **Ascertainment** [CPEK23]. **Asgardarchaeota** [Di 20]. **Asia** [TWT23]. **aspect** [KT20b]. **aspects** [Ste21a]. **aspirin**

[AAL+21]. **assay** [FSC21]. **assembly**
[GGS+24, MDF21, SCH24, YRMWT20]. **assess** [AY22, BDdG22, GW20].
Assessing
[HCR20, IHG21, Ngo22, VCS24, VGTY21, JKH+23, KT20b, KHB+22].
assessment [HPD20, KRG24, PGML20, RLW+21, TEWN21, ZXLH23].
assist [MAHMH20, ZMKF22]. **associate** [APR+22b]. **associated**
[BNPL20, HHT25, Nah20, SHH20, WFL+24, YFZ+20]. **Association**
[NR20, MZLJ20]. **associations** [WBKR22]. **assortment** [IIH25, ML24].
assuming [WS24]. **assumptions** [GHF22]. **asthma** [DLN20]. **astrocyte**
[HS20, KK22a, RLL25]. **astrocytes** [SS22]. **asymmetric**
[KC22, YWQX23, ZYF25]. **asymmetry** [CSVB25, SCD+23]. **asymptomatic**
[GSW+23, GGSTS21, MEPS22, WUH23]. **asymptotic** [Pat22].
atherogenesis [YE21]. **Atheroprotective** [YE21]. **atherosclerosis**
[SJNRS20, EE23]. **atherosclerotic** [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, 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, YTG24, YCKK24, ZPP23, dLFO21]. **basic**
[DF22, GHF22, GHS18, GHS20, GBHNHVL23]. **BASiCS** [OV25]. **basis** [MI20]. **bat** [GtHH20]. **Batesian** [QHS23, TT24]. **Battle** [CK20b]. **Bayes** [CGS+25]. **Bayesian** [CRG+23, CGS+25, HGF23, LG23, LZW23, YOIS24]. **be** [BC20, 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]. **binding**
[CGG+25, Sch21b, TML20, WDT+20]. **binomial** [CGR22, LMS21]. **bio** [MPTCT+20]. **bio-macro-molecular** [MPTCT+20]. **Biochemical** [Sal24]. **biocontrol** [AY22, BL25]. **bioelectric** [Car23]. **bioelectrical** [CMLM23]. **Bioengineering** [GT20]. **biofilm** [GJDS20, WWR+24]. **Biofilms** [WPEP22]. **biogenic** [IHS25]. **Biol**
[Akh23, CBH+23, Cor22, HPSA23, JCLS+21, Lei24, Lio24, LK25a, PLSS24a, PP24, Sch21a, Sch23, SSKS20, Xie22]. **biological**
[BH24, BEO+22, CBBD22, FFNG+21, GWZ+22, GSMG22, HCSAB21, IKYW21, LSW20, LMC+20, MMS+23, SJS+25, SCH24, Tsu21, vdBMB+23]. **Biology** [D'A20a, Don23, GADDVG+24, GHS20, WLW20, Wil23, Dal22, KTP+20, Pru25, RLB25, Sal24, SMM24, Tha24, WBS20]. **biomarkers** [LPSMCP23, LLZ+22]. **Biomathematical** [MMK+24]. **biomechanical**

[BC21]. **Biomechanics** [PTK+24]. **biomedical** [NR20]. **Biomimetic** [LMLP20]. **biomolecular** [GCC20, Xie20]. **bioprocess** [SSLMGC25]. **bipedal** [HXS21]. **biphasic** [SGM+25]. **birds** [ELM25, HBGV+21]. **birth** [LT23, PLM24, SHK20]. **birth-death** [LT23, PLM24, SHK20]. **Bistability** [JCLS+11, JCLS+21, Koc20, SOKZ22, GBF20]. **bistable** [BW25, DB22a, FK21, LS25a]. **bitter** [BSS+20]. **bitter-off** [BSS+20]. **blankets** [PRP+20]. **bleaching** [DCP+22]. **blebbing** [NNOBS23]. **blind** [CLM+25]. **bliss** [CK20b, SW22]. **blobs** [Ost23]. **blockade** [SF23, TKRA20]. **blockers** [DCL23]. **blocking** [BS21]. **blood** [AG22, CHT22, Gre25, NM23, SVHM+21, TCH21, TH25]. **blue** [MPH+22]. **Board** [Ano20y, Ano20z, Ano20-27, Ano20-28, Ano20-29, Ano20-30, Ano20-31, Ano20-32, Ano20-33, Ano20-34, Ano20-35, Ano20-36, Ano20-37, Ano20-38, Ano20-39, Ano20-40, Ano20-41, Ano20-42, Ano20-43, Ano20-44, Ano20-45, Ano20-46, Ano20-47, Ano20-48, Ano21y, Ano21z, Ano21-27, Ano21-28, Ano21-29, Ano21-30, Ano21-31, Ano21-32, Ano21-33, Ano21-34, Ano21-35, Ano21-36, Ano21-37, Ano21-38, Ano21-39, Ano21-40, Ano21-41, Ano21-42, Ano21-43, Ano21-44, Ano21-45, Ano21-46, Ano21-47, Ano21-48, Ano22x, Ano22y, Ano22z, Ano22-27, Ano22-28, Ano22-29, Ano22-30, Ano22-31, Ano22-32, Ano22-33, Ano22-34, Ano22-35, Ano22-36, Ano22-37, Ano22-38, Ano22-39, Ano22-40, Ano22-41, Ano22-42, Ano22-43, Ano22-44, Ano22-45, Ano22-46, Ano23u, Ano23v, Ano23w, Ano23x, Ano23y, Ano23z, Ano23-27, Ano23-28, Ano23-29, Ano23-30, Ano23-31, Ano23-32, Ano23-33, Ano23-34, Ano23-35, Ano23-36, Ano23-37]. **Board** [Ano23-38, Ano23-39, Ano23-40, Ano24u, Ano24v, Ano24w, Ano24x, Ano24y, Ano24z, Ano24-27, Ano24-28, Ano24-29, Ano24-30, Ano24-31, Ano24-32, Ano24-33, Ano24-34, Ano24-35, Ano24-36, Ano24-37, Ano24-38, Ano24-39, Ano24-40, Ano25s, 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]. **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]. **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]. **burdens** [SXL+20]. **bursting** [FVB20]. **butterfly** [LCMW21]. **buzzards** [ABC+21]. **bystander** [ND24].

Ca [CBK+20, KK22a, LYE+24, PO20]. **CA3** [MP22]. **cabbage** [KCW+25]. **caffeine** [BLP20]. **Calcaneus** [SCD+23]. **calcification** [WDA+23]. **Calcium** [DYS+21, RLL25, SL21, SL23]. **Calcium-dependent** [DYS+21]. **calculate** [KHAK21]. **calibration** [LH20, SSK+25]. **Can** [SSK+25, BNP+21, BD21, BW25, Dal22, DCP+22, GBF20, GSC23, HSAH20, IIHH21, LS21, LBF24, MK24, MC20b, NNNHA24, PB22, RCM+25, SPLS+23, SMS20, SSR21, TK25, Wad22, ZMKF22, MGCH21]. **Canada** [AMR+23]. **Cancer** [GBF20, SF23, AMSC20, ATAJS20, Ala23, AABG20, BBDB22, BS21, BT22, BKPT25, BAG+24, BH20, CCH+24, CHMM23, CWL20, CPM21, DMR21, DCS20, EWK20, EB21, FLR23, FBC23, FSC21, GDLF20, GFL23, GYY+23, HPK+20, HKL25, KV23, KKL20, LF25, LBF24, LG23, LS25b, MHI23, Pat22, PHL+23, PAM22, PGC+22, PJB21, PJPH25, RNP+21, SK21, SOKZ22, SXL+20, SC23a, ST20, SAG21, TMC+23, VVD24, WvdDL+21, YJZ+24, YXW21]. **Cancer-induced** [GBF20]. **cancer-stem-cell-driven** [FBC23]. **cancers** [BE22, WSL25]. **Candida** [KRG24]. **capacitive** [YMR24]. **capacity** [BJB+20, CD22]. **capillary** [AG22, CHT22, TCH21, Ter23]. **capture** [KKS23]. **captures** [KHW+22]. **Capturing** [ACMT24]. **CAR** [CF20]. **carbachol** [MP22]. **carbachol-induced** [MP22]. **carbon** [MGZ+21]. **carcinogenesis** [SBW+22b]. **carcinoma** [GHB22]. **cardiac** [DCL23, MCL21]. **care** [KRG24]. **Cargo** [YSK23]. **cargos** [KK22b]. **Carlo** [LGT21]. **cartilage** [MFGACST23]. **Cas** [SSS21]. **cascade** [Han23]. **Case** [CKI20, MC20b, WWR+24, CRDD22, FHM20, GMMR22, GDC+25, GW20, LRST22, NAR+20, RBG+23, TRKB25, AGP+23]. **cases** [KBW+23, LMW21, MEPS22]. **caspase** [MF24]. **caspase-mediated** [MF24]. **castration** [CPM21, VVD24]. **castration-resistant** [CPM21, VVD24]. **catastrophes** [Sch18, Sch21a]. **catastrophic** [Leh21]. **catenin** [CSF20]. **Cathepsin** [PD23]. **Causal** [KP21]. **cause** [GSC23]. **caused** [ABvH+20, BCS+22, TWT23, Xie25]. **causing** [ATP22]. **cautionary** [TRKB25]. **cavity** [CKF+24]. **CD8** [BCK24, LLS+22, WMHV24]. **Cell** [GLLP23, KTU22, KIO+25, MI23, New20, WZP+23, ASK20, AVSTS23, AMSC20, ABB+22, BCK24, BE22, BKZ+22, BKPT25, BC20, BM20, Car23, CBH+22, CBH+23, CF20, CLD21, CLSB23, FLO25, FH23, FBC23, GHB22, GO21, GFL23, HGCC22, HPK+20, HCSAB21, HRD+24, HAGADDM24, HLW24, HSL24, IJROTE22, IHO+20, IYL+25, JS23, JFCK20, JHFMP+21, KPH+24, KJM20, KF20, LGT21, LSWVB24, LSZ21, Lei20, Lei24, LLS+22, LGSR21, LG23, LH20, 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, MGFS+20, RT24b]. **changes** [APR+22b, CD22, CRG+23, DWNW24, Ter23, Wor20]. **changing** [AWC25, Kau23, MY20]. **Channel** [EE25, DCL23, JHFMP+21, RLL25]. **channels** [LYE+24]. **Chaos** [FNGJ21, Kan21, YG25]. **chaperones** [GCNZ+21]. **characterises** [KGP+22]. **characterising** [OGD+20]. **characteristics** [HPSA21, HPSA23]. **characterization** [MDCK23, SVVPPR+24]. **Chargaff** [For24]. **chattering** [BAU+22]. **cheap** [CS22]. **Check** [GHF22, ZMKF22]. **checkpoint** [SF23, TKRA20, XZZ+23, vdVPW+22]. **chemical** [KJV20, PPGB20]. **chemicals** [OYT25]. **chemo** [WCZL25]. **chemo-switch** [WCZL25]. **chemoimmunotherapy** [KV23]. **chemoinformatic** [OSAR21]. **chemomechanical** [Xie20]. **chemoresistance** [WvdDL+21]. **chemostat** [CG21]. **chemotactic** [VKS+20]. **Chemotaxis** [Pro24, FH23, GDd+21, TML20]. **chemotherapeutic** [MPA23]. **chemotherapies** [HPK+20]. **chemotherapy** [AVSTS23, LF25, PV24, WCZL25]. **chickens** [XYK+20]. **childhood** [ASL+24]. **children** [AGTJ23, Pag25]. **China** [APR+22b, BGM22, CZN+21, LMW21, RLW+21, SXL+20, XDT+20, ZZ22, ZXLH23, ZWW22]. **Chinese** [YSP+23]. **chip** [BAG+24]. **Chlamydia** [AMA20]. **chloride** [UIY22]. **chlorophyll** [SC21]. **Choice** [RGBD25, WMO23, AZYF+23, BCBP25, EBA21, EWS23, NGKB21, San21]. **cholera** [GDC+25, TTBL21]. **chondrocyte** [CNK24]. **choose** [ZMKF22]. **chorus** [AKHM23]. **Christmas** [Hil23]. **chromatin** [FZE22, MB22]. **chromatin-mediated** [MB22]. **chronic** [CWR21, DOF25, DEM+23, XML22]. **cicada** [KMA+21]. **cilia** [PTK+24]. **circadian** [ACD20, ADP21, BCK24, DB22b, GK20, GMS20, HLS+25, KMI23, KTU22, ZG21]. **circle** [TH21]. **circuit** [KK22a]. **circular** [ACMT24, GW21]. **Circulating** [TDRC23, CGG+25]. **circulation**

[BAJ+21, Han23]. **citrus** [ILGI20]. **class** [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, Ost23]. **Co-adaptive** [PAV21]. **Co-evolution** [BW25, KHBS20]. **co-evolutionary** [KT20b]. **Co-inoculation** [MGZ+21]. **co-option** [GDd+21]. **coagulation** [IB21, SSKP24]. **coalescent** [CLF+22, KLC24, RK22b]. **coconut** [CGY+23]. **code** [Di 21, LLJ25, RP21b]. **codes** [GW21, PMCLC+23]. **coding** [FSNS20, GW21]. **codon** [San21]. **coefficients** [SC23b]. **Coevolution** [BG21, AL23]. **Coevolutionary** [ABvH+20, KRSG24, MWO21]. **coevolving** [BA24]. **Coexistence** [YST21, BP20, Cai22, DTLS24, ES20, GZ24, MMG21, PMD21]. **cognitive** [Par22, VA22, Wal20]. **cognitive-evolutionary** [VA22]. **coherent** [Wad22]. **cohort** [ATH+24, KBD+23]. **coincidence** [BFD25]. **coinfection** [LMG22, ND24]. **coli** [BF20, VKS+20, YRMWT20]. **collagen** [BC21]. **collagen-based** [BC21]. **collapse** [BB25, ZM20]. **collaterals** [RKCvB25]. **collect** [HZS+21]. **collective** [BEBA20, FLO25, KF20, RKP20, Vol24]. **Colombia** [VMRSL23]. **colonies** [GCA+20, HDM20, MHI23]. **Colonization** [WPEP22, Cai22, LNT23]. **colony** [GTGB21, HDM20, KGP+22, LSWVB24, ZM20]. **colony-level** [HDM20]. **Color** [RG21]. **colorectal** [HKL25, TMC+23]. **colored** [YFZ+20, YM23]. **columns** [Ost23]. **combination** [ATH+24, BCGG21, CWL20, LBF24, SBM+20]. **combinatorial** [SHK20]. **combinatorics** [GPDW20]. **Combined** [HIA+22, BFG21, FPS24, GCNZ+21, RMS+25, SLML20, ZZGG21]. **Combining** [BB21b, LF25]. **commensal** [ATP22]. **commensalisms** [SLCC22]. **Comment** [RB22, For25]. **commitment** [LPD23, Qui20]. **Common** [Di 20, RP21b, FBA21, SdAM24, Sin21]. **common-pool** [FBA21]. **commons** [KHST21]. **communication** [GGG21, XSH+24]. **communities** [BSC20b, CCA20, Cor21, Cor22, FGES24, FBD23, LW20, NV22, RK22a, Sin21]. **community** [CPEK23, MDF21, SYH20, SCH24, Wor20]. **Comparative** [LML24, PZ20]. **compared** [FBA21, SWK+20]. **Comparing** [GTGB21]. **Comparison** [Mit20, SH21, AJR+20, BPM+22, HD22, Jac25, KHB+22, LDaH22, ZBT22]. **Compartment** [FBMG25, AZdV+22]. **compartmentalization** [BNPL20]. **compartments** [GGSTS21]. **compensate** [MGCH21]. **compensatory** [KHW+22]. **Competition** [BCGG21, KM22, SS21, BHW+20, CWR21, HZM+21, JME24, KHST21,

Kuz24a, MMG21, MY20, NNG20, PPFB24, WDH+20, WK25, Cai22, CLJ+23]. **Competitive** [CCA20, ECBR20, WSC+22, ASF22, Gav25, RK22a]. **competitors** [GQG23]. **completing** [ZYLW21]. **complex** [ASF22, BD22, CLM+25, DEM+23, MLG21, MSB24, TMTK22, YDS24, ZF21]. **complexities** [BRN+22]. **complexity** [GPDW20, RR24]. **compliance** [ABOR20, For24]. **component** [KHBS20]. **components** [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, 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]. **constricted** [Don23]. **constructing** [PZG20]. **construction** [KPR20]. **consumer** [MRK24, Wor20]. **consumer-resource** [MRK24, Wor20]. **consumption** [GBRM21]. **Contact** [AHEB+22, KvLBD25, AH25, BGM22, GHB22, YSK23]. **contact-network** [AH25]. **contacts** [ZWT24]. **contagious** [GJCLMQC20]. **containment** [BK21]. **contaminated** [CZN+21]. **contamination** [KHAK21]. **contemporary** [Hon20]. **content** [ACP20, BRBF20]. **contest** [MGCH21]. **context** [CCPD22, MBF21]. **continuous** [CCH+24, DSB+21, JCC20, LMB22, OTI+20, SKNvRL23]. **continuously** [AG22]. **continuum** [ACF22, BCC+21, FSC21, GTGB21, GF23, MY20, SBB+22]. **contraction** [Avv23, SdB23, SL21]. **contrastive** [WSL25]. **contributes** [PZJPZ23]. **contribution** [HPGF25, PL20]. **Control** [PTZ21, YZSS20, AHW21, ATH+24, AJR+20, APL21, BAU+22, BGB+21, BCS+22, BL25, CGY+23,

CGW22, CS21, CR20, FPGC21, FSK21, HCSAB21, IMM24, JTB25, KHW+22, KYI21, KRG24, Leh22, LZL+25, LTB25, MB21, MSL23, MCM20, MB22, NVS20, Ngo22, NDB20, PBP23, RSPB+22, Sal25, SMJ20, SJS+25, SCD+23, SUA+20, TTBL21, TNW21, VMRSL23, ZRL+21, ZBT22]. **controlled** [TAP+23]. **controller** [GFN23]. **controlling** [CPMF+22, ZZB+21]. **controls** [AGP+21, ACD20, ASMN23, SBM+20, TDRC23, YCKK24]. **Convergence** [MPA24]. **conversion** [PGP23]. **convolutional** [WDT+20]. **Cooperation** [SSBG20, BRS24, CKB+21, CSVB25, CS22, EBA21, KL21a, KCO25, Kro25, Kur21, LL21, ML24, PHN+23, SdAM24, YTG24]. **Cooperative** [BSC20b, Gre25, NCL20, RP21a, FZE22]. **cooperativity** [NWVN20]. **coordinate** [DAB+23]. **coordinated** [HBG21, KCO25]. **Coordination** [WCD21, FLO25]. **coral** [DCP+22, HPG+24, KGP+22, RCM+25, ZYF25]. **coral-dwelling** [DCP+22]. **Corallium** [KGP+22]. **corals** [WDA+23]. **cord** [LSZ21]. **core** [BAG+24, KBS+19, KBS+20, KB22, YST21]. **core-shell** [KBS+19, KBS+20, KB22]. **corneal** [HCJT23]. **coronavirus** [YY21, Yin21, OIK+24]. **correction** [DPR21]. **correlated** [BS22b, YM23]. **correlation** [LCYD23, TK25]. **correlations** [PR21, vBBB+25]. **Corrigendum** [CBH+23, Cor22, D'A20a, GHS20, HPSA23, JCLS+21, KBS+20, Lei24, Lio24, LK25a, PP24, Sch21a, Sch23, WLW20, Xie22]. **cortex** [HGZM25, Ost23]. **Cortical** [LRAP22, CGK23, CRGGSC20, SCD+23]. **Cost** [CPHL+20, FHM20, KT20a, ASF22, KRG24, LB20, OGM+25, PPS+21, WM21b]. **cost-effectiveness** [KRG24, OGM+25]. **Cost-efficiency** [KT20a]. **Costly** [Mur25]. **costs** [CK20b, GFAP+25, KC22, KC24]. **could** [BC20]. **count** [GYY+23, SMM24]. **Counterintuitive** [NKE23]. **countermeasure** [SSS21]. **Counting** [SS23]. **countries** [KRSSH21, LZZ+23]. **counts** [ABBP21, HRD+24]. **County** [REK20]. **Coupled** [KB22, MG21, SZR+25, ABB+22, BGGM23, IH23, JAB22, MCMdAM24, MB24, PZXC22, PLXD+20, Sak22a, YMR24]. **Coupling** [TTBL21, BSC20a, CGK23, PZXC22, SL21, SHY21, SA25, DO21, YI21]. **couplings** [Xie20]. **courtship** [CK20b]. **CoV** [ACF22, BLRV21, BFSA23, CWF23, CLJ+23, CPEK23, CWT+23, CSH+25, GFV+23, GFC+22, Hil23, JMWX23, KvLBD25, KRSSH21, Kee23, KBD+23, LRST22, NSZ+25, PD23, PWC+23, PDD24, Roy21, TAP+23, WUH23, WHRH+23, XCFH23, YY21, Yin21, dCC+23]. **covariation** [HGD+25]. **COVID** [AGP+21, AGP+23, APF+24, ASS+23, AMR+23, BW24, BK21, BGM22, BDdG22, CS21, CSDH+25, DAB+23, DTS21, DPR21, DJ22, ECH+23, FPGOCP+25, GSW+23, GGSTS21, HPGF25, JKH+23, KPA+21, KBW+23, LPLM25, LMS21, LZZ+23, LMW21, MEPS22, NGKB21, PRJ+20, REK20, STCSC+21, SFK+23, SRDC21, SXJ20, Täu20, TNHV21, TWT23, YTY+20, YLT22, ZQHN24, ZZT+21, ZWC+22, ZWW22, dIMM24, dCC+23]. **COVID-19** [AGP+21, AGP+23, APF+24, ASS+23, AMR+23, BK21, BGM22, BDdG22, CS21, CSDH+25, DAB+23, DTS21, DPR21, DJ22, ECH+23, FPGOCP+25, GSW+23, GGSTS21, HPGF25, JKH+23, KPA+21,

KBW+23, LPLM25, LMS21, LZZ+23, LMW21, MEPS22, NGKB21, PRJ+20, REK20, STCSC+21, SFK+23, SRDC21, SXJ20, Täu20, TNHV21, TWT23, YTY+20, YLT22, ZQHN24, ZZT+21, ZWC+22, ZWW22, dIMM24, dCC+23]. **cows** [HRD+24]. **Crabtree** [SKS21]. **CRAC** [LYE+24]. **CRAC-mediated** [LYE+24]. **cracking** [HH21]. **creole** [NO25]. **Crick** [LLJ25]. **CRISPR** [SSS21]. **CRISPR-Cas** [SSS21]. **criteria** [TAP+23, VB21]. **Critical** [GSR23, HLW24, IYL+25]. **crops** [BSJ20, BB21b]. **Cross** [HL20, FG23, SHY21, Wu24, YAN21, YSP+23]. **cross-immunity** [FG23]. **Cross-inhibition** [HL20]. **cross-propagation** [YSP+23]. **cross-sectional** [YAN21]. **crossing** [RKP20]. **Crosstalk** [GMS20, SMS20]. **crowders** [Xie24]. **crown** [dAPdBMTS20]. **Crozier** [Sco24]. **CRPC** [VVD24]. **cruise** [MBHG+24]. **CSF** [SF23]. **CSF-1** [SF23]. **CT** [BAJ+21]. **cube** [Kuz24b]. **cues** [BH23, MLG21]. **Cultural** [Whi20]. **culture** [KYHN23, OTI+20]. **curbing** [LZZ+23]. **cure** [MSK+22]. **current** [AJR+20, KP21]. **currents** [JHFMP+21, SHY21]. **curvature** [HCSAB21, LZ23]. **curve** [DRO23, KYHN23]. **curved** [HH21]. **Cusp** [DBS23]. **cyanobacteria** [KTU22]. **cycle** [ASSL22, ASK20, AGBLGA+22, CBH+22, CBH+23, DRO23, FHR22, IYY22, KCW+25, PBD+20, SBW+22b, WSEK23, YYI21]. **cycles** [HSAH20, MK21]. **cyclic** [BP20, BEO+22, CBH+22, CBH+23, CBPG23, FET+24, NKE23]. **cyclical** [ZF21]. **cycling** [YST21]. **cylindrical** [YSK23]. **cyst** [EBK21]. **cytokine** [PJVR23]. **cytoplasmic** [LHG+22]. **cytoskeleton** [MDS25]. **cytosolic** [LYE+24]. **cytotoxic** [HIA+22].

D [Gar23, ABB+22, BMB+21, FSC21, GF23, MPTCT+20, MMS+23, RBG+23, SRB+24, YG25]. **daily** [DF22]. **dairy** [HRD+24]. **Daisyworld** [MC22]. **damage** [FK21]. **damicornis** [HPG+24]. **dark** [FFNG+21, MK24]. **Darwin** [CGS+25]. **Darwinian** [BH20, NBBR23]. **Data** [AGP+23, ASL+24, BLP20, CF20, PHL+23, Sim25, BNP+21, BMB+21, DF22, DO21, GWZ+22, GMR+24, GYY+23, GMV+20, HKL25, HRD+24, KvLBD25, LGT21, 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** [ZQHN24]. **date** [CLF+22]. **dawn** [MB21]. **dead** [SKNvRL23]. **death** [LT23, LSZ21, PLM24, SHK20]. **decay** [DHC25, ECBR20, SGM+25]. **deceased** [HL21]. **December** [Ano20o, Ano20c, Ano21o, Ano21c, Ano22n, Ano22c, Ano24k]. **decentralized** [Pro24]. **deception** [QHS23]. **Deciphering** [CGG+25, MLK21]. **decision** [Bai21, BBDB22, HLW24, JCC20, PP22, VKS+20]. **decision-making** [JCC20, PP22]. **decisions** [AJR+20, MSM23, OIK+24]. **decline** [BCS+22]. **Decoding** [LS25b, RG21]. **Decomposing** [ZQHN24]. **decomposition** [dAPdBMTS20]. **decreased** [KHHI25, PD23]. **dedifferentiation** [FB23]. **Deep** [MDCK23, LFZ+24, WDT+20, YCKK24]. **deeper** [Pie21]. **deer** [XML22]. **defection** [Mur25]. **defects** [CNK24]. **defense** [IHS25, PPS+21].

deformable [ZLZ+25]. **deformation** [MI23, Tsu20]. **degeneration** [PLSS24a, PLSS24b]. **degraders** [JME24]. **degree** [WDA+23]. **Delay** [CSF20, BJB+20, FPGOCP+25, HKL25, Tak24]. **Delay-driven** [CSF20]. **Delayed** [ES24, YST21]. **delays** [BLRV21, BCGG21, FBMG25, GC20, MSLW23]. **deleterious** [AL23, Sak22b]. **deletion** [HD22]. **delineating** [YJZ+24]. **delivery** [ASP23, Ala23, BKZ+22, FFGR25, GGS+24]. **delta** [CWT+23]. **dementia** [HD24]. **demes** [Kro25]. **demographic** [APR+22b, BJR+22, BPS25]. **demography** [Hen20]. **dendritic** [EWS23, Ros22, XZZ+23]. **dengue** [CAARG21, GW20, RY22, VCS24]. **Denise** [CSW24]. **Density** [EHA+21, vBW20, BL25, EP20, GJDS20, GSC23]. **density-area** [GSC23]. **density-dependent** [EP20]. **dependence** [BKP23, BL25, GB23, IKYW21, KHHI25, RWHK21, vBW20]. **dependency** [Kuz24b]. **dependent** [ABK24, BH24, CWL20, DCL23, DYS+21, EP20, EHA+21, FBMG25, GJDS20, KT20a, LRAP22, LR21, LWM23, NCL20, OLF+24, RS24, SD20, SBC+20, SS21, WSW21, WXS25, WSY21]. **depends** [IHO21]. **depolarization** [CGK23, Car23, WM21b]. **depolymerization** [YL25]. **deposited** [BH23]. **deposition** [CLD21, HMS21, Kuz24a]. **depression** [CRGGSC20, Sak20, Sak22a]. **deprivation** [PBB20]. **depth** [LRAP22, RLB25]. **depth-dependent** [LRAP22]. **deregulated** [JS23]. **derived** [POS21]. **deriving** [Ros21]. **dermatitis** [PJVR23]. **described** [PLAC22]. **describing** [AABG20, BRBF20, DSM+23, PP20, PP24]. **description** [CK20a, Han23]. **descriptions** [SBB+22]. **descriptors** [MPTCT+20]. **Design** [PRJ+20, SGM+25, Ala23, BCLJ24, BH20, LTS+21, MBT22, TRKB25]. **Designing** [CLSB23, SBM+20]. **Destabilization** [PS22a]. **destabilizes** [CSVB25]. **destabilizing** [BYHH20]. **destination** [SKNvRL22]. **destruction** [DRK23]. **detachment** [SK23]. **detailed** [DN22]. **detectability** [Mur25]. **detecting** [CRG+23]. **detection** [BH24, MBM+25, PCR23, PTK+24, RMSS24, Täu20, Wad22, vdBMB+23, BDB25]. **determinant** [AM22, CWW22, MMI21, MMI22]. **Determinants** [HPWvdB20]. **determine** [MBT22]. **determined** [FMO23, Kuz24a]. **determines** [LZZ20, PMD21]. **determining** [BB21a, dAPdBMTS20]. **Deterministic** [JHFMP+21]. **deterministically** [MY20]. **develop** [MGCH21]. **Developing** [GDC+25, KV23]. **Development** [BBB+25, KKS23, LR21, AML+22, CSP21, DSM+23, DNK+24, GJCLMQC20, IYY22, JA23, Kuz24c, 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, ISC23, JMD20, KG22, KGP+22, KBS+19, KBS+20, KB22, MTB24, MDCK23, PLXD+20, PLAC22, Sch18, Sch21a]. **diffusive** [GDd+21]. **diffusivity** [Kuz24c]. **digestion** [Avv23]. **digital** [HIA+22]. **dilemma** [FS24, KT20b, KL21a, MMI22, WLW19, WLW20]. **dilemmas** [CSVB25, CS22, FPX20, ML24]. **dimension** [LPSMCP23]. **Dimensional** [AFTF22, ABBP21, BRN+22, BC21, EP20, FET+24, MI23, WHH22, YL25]. **dimensionality** [PMD21, WK25]. **dimensions** [HAGADDM24]. **dimerisation** [WRB22]. **dimorphism** [YYI21]. **dinosaurs** [KI21]. **dip** [HZS+21]. **Dipole** [ZPP23]. **Dipole-** [ZPP23]. **direct** [Goy21, IYY22, KHB+22, KP21]. **directed** [WA22]. **directional** [JMD20, ORW+20]. **disadvantage** [MGCH21]. **discharge** [SCHH20]. **Disclaimer** [KCS20]. **discontinuation** [HHI24]. **discount** [TATT21]. **discourages** [MW20]. **Discovering** [WXS25]. **discovery** [LMC+20]. **Discrete** [KPH+24, ACF22, LHG+22, LTS+21, MC20b]. **discrete-continuum** [ACF22]. **Discrete-state** [KPH+24]. **discretisation** [RGBD25, WMO23]. **discrimination** [RG21]. **Disease** [dDA21, AHEB+22, AH25, CPHL+20, CRG+23, DHR25, DEM+23, EHP+21, FGC24, GSR23, GCA+20, HPSA21, HPSA23, HHT25, IMM24, JKSD23, KHW+22, LX21, LWM23, LLZ+22, MBHG+24, OGM+25, OIK+24, PGP23, RNP+25, RCM+25, RGBD25, RLW+21, SYI20, SXL+20, SL22, SA25, SY24, SOGK+23, SYH20, SCH24, TT20, TATT21, WXS25, XML22, YDS24, ZWT24]. **diseases** [AN22a, GBHNHVL23, GJCLMQC20, HI20, KT20a, KPH+24, KHB+22, MD22, MN23, TNW21, YFF25]. **Disentangling** [KYHN23, LMG22]. **disorder** [DB22b, HBK+20]. **disorders** [YTH+21]. **disparate** [SK21]. **Dispersal** [RT24b, 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]. **dose** [BCBP25, CLLL20, CWL20, CKM+20, Wal20, XCFH23]. **dose-dependent** [CWL20]. **dose-response** [CKM+20, Wal20, XCFH23]. **double** [AZYF+23, BH24, YMR24]. **double-strand** [AZYF+23]. **double-stranded** [BH24]. **Doubling** [AN22a]. **Dove** [HPD20, KC22]. **down** [SMJ20]. **downshift** [LS21]. **Downstream** [SLCC22]. **Drafting** [ETTT24]. **drift** [LSZ21]. **drive** [DWNW24, LMG22]. **driven** [AGP+23, ASL+24, BGC+20, BLP20, CSF20, CF20, FBC23, GWZ+22, GZM+20, HKL25, LPA25, LFJ21, LTB25, OYT25, PRFSHV20, RZRS+22, WM21a, YHT24, YTW21, YM23]. **drivers** [FLR+21, PWC+23, XDZ+21]. **drives** [FBD23, ON24]. **driving** [LSZ21]. **drop** [ETTT24]. **Drosophila** [JA23, YBF23]. **drug** [Ala23, BKZ+22, BCGG21, BV24, DHC25, DMR21, GDLF20, HGCC22, HII22, HHI24, MPA23, MS20, PV24, PJPH25, SLML20, SF24b, YHT24]. **drug-resistant** [PJPH25]. **drug-sensitive** [PJPH25]. **drug-targets** [HGCC22]. **drugs** [RNP+21, UV23]. **dsRNA** [SBC+20]. **Dual** [CBK+20, SY25, SWVW25, YTG24]. **dual-configuration** [SWVW25]. **duct** [HI21]. **ductal** [WCZL25]. **due** [AMR+23, Avv21, BB25, DMR21, FH23, HH21, KHHI25, MMG21, MMK+24, NNG20, SLML20]. **Duffing** [MUMS24]. **dung** [BFG21, YZB20]. **duodenal** [Avv21]. **duodenogastric** [Avv21]. **durability** [KT21]. **duration** [ACD20, PBB20]. **during** [AGP+23, ASF22, APF+24, AGBLGA+22, BP23, BCGG21, CNK24, FRMK22, GRW+21, IHO+20, JD21, JA23, JKH+23, MSM23, MDG24, Nak25, NNOBS23, ND24, OIK+24, STCSC+21, SdB23, SF24a, SS22, SCH24, SXJ20, TEWN21, TWT23, VGC22, ZWC+22]. **dwelling** [DCP+22]. **Dynamic** [AML+22, GT22, SYI20, AW22, BD22, ELRG21, FSKG21, GO21, KV23, LB20, MH22b, NGKB21, ORT24, SHH20, HZS+21]. **Dynamical** [CMRMC+21, IKYW21, AKHM23, FNGJ21, JWKA21, NWVN20, YHT24, YJBF20, ZWW22]. **Dynamics** [BM20, D'A20b, GCNZ+21, GCA+20, HSL24, Koc20, MCL21, MHPB23, PPS+21, SFYL20, SHK20, SD25, TKR+21, WSY21, Xie21, Xie22, ZYF25, AVSTS23, AGP+21, AR20, AMA20, ATAJS20, ATH+24, ABB+22, APF+24, AKUN20, ATP22, AM22, AR21, AHEB+22,

BCC+21, BW24, BE22, BS21, BYHH20, BRAHV25, BK21, Bol22, BGGM23, BGA21, CD22, CAARG21, CBZK21, CLM+25, CWW22, CFH+25, CKB+21, DDDMT22, DKSP24, DBW22, EBK21, FG22, FBA21, FBMG25, FFNG+21, FSKG20, FPS24, FRMK22, GJDS20, GRPG24, GDC+25, GBHNHVL23, GK21, Gre25, GMS20, GDQR23, HPK+20, HC24, HGD+25, HYM+22, HBGV+21, HBGW+25, HL21, IH23, KPA+21, KHW+22, KBD+23, KM22, LS21, LMG22, LNT23, LHG+22, LK20, LZZ20, LX21, LMC21, LWM23, LFT+23, LFY+24, LS25b, MP22, MLK21, MUMS24, MSB24, MDG24, MCM20, MSK+22, MTLZ22, MM22, MG21, MEBNZ24]. **dynamics** [MC20b, MWO21, NCL20, NWP+24, PR21, POS21, PABS23, PO20, PK23, QWZK24, RB22, Rev25, RDDSA25, RBG+23, RLB25, RLL25, SPLS+23, SK21, STB20, SF24a, SSX+22, ST20, Sin21, SA25, SS21, SH21, SZR+25, SBW+22b, TMTK22, TEWN21, TGC22, TT24, TK25, UV23, VGTY21, VP22, Wal20, WFL+24, WRB22, WDH+20, WK25, Xie24, XKV20, YTG24, YSP+23, YM23, ZWWW23, dDA21, D'A20a].

E2F [LMA21, LS25b]. **E2F/Myc** [LS25b]. **Early** [BDB25, APF+24, ASL+24, 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]. **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**

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[BJR+22, Cai22, FSK21, IDMG24, NSMH25]. **Fluid** [ELRG21, SAK21, SWK+20, WGRE21, YTW21]. **fluid-feeding** [SWK+20]. **fluorescence** [SC21]. **fluorescence-based** [SC21]. **flux** [CP23, LB20, ZB22]. **focal** [MDS25]. **focus** [ACF22]. **folded** [WA22]. **folding** [San21]. **follicle** [DBW22, ELM25, FHR22]. **following** [dCC+23]. **food** [ASMN23, ACP20, BACS24, BD22, KHHI25, LPA25, LLZS25, QHS23, QPL21, WDHB20]. **food-web** [WDHB20]. **foot** [HXS21, RLW+21]. **foot-and-mouth** [RLW+21]. **forager** [MSM23]. **foragers** [GCX+20, MH22b]. **foraging** [GQG23, Ios21, MBT22, QPL21]. **Force** [Coh20, CDC20, KPP20, LMLP20, SL21]. **force-displacement** [LMLP20]. **forecast** [JAW25]. **forecasting** [GDC+25]. **foreign** [AKUN20]. **forest** [ZYLW21]. **form** [BTS24, DRO23, IHG21]. **formation** [AZdV+22, BH24, BAG+24, BPM+22, CLM+25, DEM+23, EP20, HYM+22, HGF23, JMD20, KG22, KGP+22, KMA+21, LFY+24, MDS25, NNOBS23, NO24, PLXD+20, Sal25, VGC22, WH21, WFL+24, YXW21, ZSS+22, ZYLW21]. **formations** [CGW22, Nak25]. **formed** [FS24]. **forms** [Bar23]. **Formula** [GRW+21, IHG21]. **forward** [CCSF21, Wad22]. **four** [Ros22, Wad22]. **four-node** [Wad22]. **Fourier** [DH22]. **fractal** [LPSMCP23]. **fractional** [CLLL20, DSB+21, GFN23, ANGJ25]. **fractional-dose** [CLLL20]. **fractional-order** [GFN23, ANGJ25]. **fractionated** [LR21]. **fractionation** [KK23]. **fractions** [WvdDL+21]. **fracture** [SCD+23]. **fragility** [DN22, JSCW21]. **fragmentation** [FSKG20, RB22]. **fragments** [CMLM23]. **framework** [ASF22, BSV+24, BEO+22, HL24, Lei20, Lei24, LB20, MAHMH20, OKT+21, PPFB24, PPGB20, SUA+20, VVD24, WXS25, YJZ+24]. **frameworks** [GHF22]. **France** [LMW21]. **Free** [KC24, TATT21, BP21, BAU+22, CG21, CCPD22, D'A20a, D'A20b, Kuz24a, WM21b]. **free-swimming** [CG21]. **French** [MEPS22]. **frequencies** [GEHL+22, LMG22, MPH+22, SC23b]. **frequency** [CWR21, SL22, SHY21]. **frog** [PO20]. **frogs** [AKHM23]. **Frozen** [LLJ25]. **frustrated** [dLFO21]. **FtsZ** [YRMWT20]. **function** [BTS24, BAJ+21, FNGJ21, For24, PRFSHV20, PZG20, San21, ZMKF22]. **functional** [AGTJ23, Bar23, DWNW24, KSSM20, LAP24, RNP+25, SY25, Wor20]. **functions** [BRS24, FOY21, PAV21]. **fundament** [DRO23]. **funds** [HL21]. **fungal** [SVVPPR+24, dJHP20]. **fungi** [MGZ+21]. **Further** [GHF22]. **fusion** [LFZ+24]. **future** [AJR+20].

Gaia [AN22b]. **gain** [BAU+22]. **gain-scheduled** [BAU+22]. **gains** [SSLMGC25]. **gaits** [SF24a]. **game** [AR21, CGP+20, CS20, CK20b, FFAV21, GCX+20, HPD20, IYY22, JCC20, KT20a, KT20b, Kan21, KHST21, KC22, Kur23, LYYN20, MH22b, MTLZ22, NO25, NGKB21, ORT24, PAV21, QHS23, SSBG20, YI21, YTG24, YG25, Whi21]. **game-theoretic** [CS20]. **game-theoretical** [CGP+20]. **games** [BK20b, CWW22, HC24, KCO25, KL21b, MMI21, MMI22, MS25, RP21a, Ste21b, WSW21, WM20].

gametocytes [DDDMT22]. **gamma** [CWT+23, LMS21, MP22]. **ganglia** [HXZ+22]. **gap** [ACG24]. **gas** [BGGM23]. **gastric** [Avv21, SXL+20, YXW21]. **gastrointestinal** [ATP22]. **gated** [RLL25]. **gathering** [Pro24]. **GC** [BRBF20]. **geese** [YdKdJ+20]. **Gene** [ON24, AFTF22, ACG24, BS25, DMAC21, FLRR23, GT22, GWZ+22, GTE20, HJKS20, MB22, NCL20, PL20, RMSS24, RW20, Tha24, WW22, YST21]. **gene-regulatory** [FLRR23, Tha24]. **genealogy** [CLF+22]. **genera** [HXS21]. **general** [Lei20, Lei24, QHS23, WH21]. **Generalist** [XKV20, BB25]. **generality** [BNPL20]. **generalization** [AM22]. **Generalized** [BACS24, GFH20, LR21, MPTCT+20, SSBG20]. **generalized-growth** [GFH20]. **generate** [SHY21]. **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]. **gradient** [KK22b, LKP+20, Lio18, Lio24, MTB24, SLCC22]. **gradients** [DBTI21]. **gradual** [APL21]. **graduated** [CPS20]. **Graph** [HJKS20, LLZ+22, POS21]. **graphs** [BK20b, BPM+22, CGR22]. **grazing** [CBBD22, MTB24]. **greatly** [TK25]. **greedy** [MC20a]. **Green** [WSY21]. **grounded** [ABOR20]. **groundnut** [DSM+23]. **group** [HXK+20, Kur21, MH22b, MCMdAM24, ND22, ORW+20, PPS+21, TBNS23, Yam24]. **group-living** [ND22, TBNS23]. **group-structured** [ORW+20]. **grouping** [TBNS23]. **groups** [FS24, KCO25, MHPB23, XML22]. **grow** [KI21]. **growing**

[GJDS20, PHN+23]. **grows** [HD25]. **growth**
[AMSC20, AW22, AML+22, AGBLGA+22, BCLJ24, BMB+21, CBZK21, CLD21, DCP+22, DSM+23, FBSD22, FHR22, FB23, FB24, FLR23, GTGB21, GDd+21, GFH20, IHO21, KHAK21, KPR20, KYHN23, Kuz24a, Kuz24b, LSWVB24, LHG+22, LPSMCP23, LSZ21, LGBG23, MGZ+21, MMS+23, NNG20, PBP23, PP20, PP24, PTZ21, dMQHRGA+22, SRB+24, Sch18, Sch21a, SBW+22a, SWVW25, Tay23, Tsu20, VG25, WWR+24, WZP+23, Wu24, ZLZ+25, ZYLW21, dJHP20]. **growth-elasticity** [Wu24]. **GTPase** [KJM20]. **Guam** [CGY+23]. **guidance** [HCSAB21]. **guide** [SOGK+23, WBS20]. **guided** [HGF23, MBT22]. **guidelines** [NV22, PRHS20]. **Guinea** [EHP+21]. **gut**
[AZdV+22, HI21, JME24, TMC+23, Wu24].

h [DB22b]. **H/dMMR** [HKL25]. **H1N1** [WSC+22]. **H3N2** [WSC+22]. **H9N2** [XYK+20]. **habitability** [MC22]. **habitat** [PAV21]. **habitats** [BP20, BYHH20, CRDD22, PHN+23]. **Habitual** [PBB20]. **haemorrhagic** [WP21]. **hair** [DBW22]. **hairs** [HZS+21, PCR21]. **Haldane** [BGGM23]. **Haldane's** [GCM23]. **Hamilton** [APL21, FS24, Gar23, HZM+21, Leh22]. **handling** [SL21]. **haptotactic** [BH23]. **harmonic** [KPR20, SHY21]. **harmonics** [RE25]. **harms** [CS22]. **Harnessing** [Kan21]. **harvested** [FS22]. **harvester** [HDM20]. **harvesting** [SSB20]. **Hawk** [HPD20, KC22]. **HBV** [Goy21]. **HCV** [LZZ20]. **HDL** [YE21]. **head** [ASSL22, CMLM23, YBF23]. **healing** [HPG+24, HCJT23, LS25a]. **health** [BW24, Swe20]. **healthcare** [BP23, CPEK23, FG21, FG22, FG23, STCSC+21]. **Heaps'** [LAP24]. **heart** [DO21, DRO23]. **Heat** [FFGR25, ASP23, CKF+24, ZZGG21]. **hedging** [ZX22]. **height** [JCLS+11, JCLS+21, PZG20]. **helminths** [HVTA20]. **help** [PB22]. **helper** [Mit20, Pag25]. **helps** [CS22]. **hematopoietic** [CSH+25, PASO21]. **hemodynamic** [LRAP22]. **hemodynamics** [RKCvB25]. **hemodynamics-based** [RKCvB25]. **Hepatitis** [SD25]. **hepatocytes** [CBK+20, DYS+21]. **herbivore** [MTB24]. **herd** [Bai21, GFC+22, KPA+21, TNHV21]. **herring** [SSB20]. **Hes** [Pfe22]. **Hes1** [SMS20]. **hesitancy** [BDdG22, JMWX23]. **heteroclinic** [YST21]. **Heterogeneity**
[RMG+21, TK25, Bai21, BE22, BS21, BYHH20, BV24, CBK23, CF20, Don23, EB24, GFAP+25, GCA+20, LGT21, LLS+22, MCM20, POW23, PBD+20, SKS21, SMJ20, TMC+23, TCH21, WZP+23, YTG24, ZWT24]. **Heterogeneous**
[MCP20, DJ22, LSWVB24, Lei20, Lei24, LH20, MF24, MG21, ORW+20, Pro24, dVRA20, RBZP24, SLTD22, SS21, Ter23, WGRE21, WFT23, dKCA22]. **heterologous** [RY22]. **heterotypic** [ST20]. **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, WDA+23]. **high-avidity** [KKL20]. **high-vaccinated** [ASS+23]. **higher**

[Cor21, Cor22, PR21, Wad22]. **higher-order** [Wad22]. **highlights** [ISC23]. **highly** [dVRA20]. **hindering** [Xie20]. **Hindmarsh** [ANGJ25]. **hippocampus** [AOB21, HS20, MP22]. **history** [APR+22a, AL23, KI21, KYI21]. **HIV** [GQK+21, GDQR23, HKBK25, HCR20, KKK+20, 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]. **Identification** [CR20, TKB+20, AH25, KH20, XDT+20]. **identifiers** [SS23]. **identifies** [JLK22, PWC+23]. **identify** [CP23, Cor21, Cor22, HRD+24, KPH+24, Roy21]. **Identifying** [HLW24, OGD+20, LLZ+22]. **identities** [FS22]. **idiosyncrasy** [ND22]. **IFN** [PJVR23]. **II'** [Pru25, Wil23, GADDVG+24, Sal24, Swe20]. **III** [Sal24]. **IIT**

[MSL23]. **IL-1** [PGML20]. **IL-2** [CWL20]. **IL-27** [LBF24]. **IL-4** [PJVR23]. **illness** [SSM+22]. **illusion** [RBW20]. **image** [ZLZ+25]. **images** [LG23]. **Imaging** [Bar21, AVP+25, MDCK23]. **imitation** [FBA21]. **immediately** [HHI24]. **immigration** [FVC20, SS23]. **immobile** [CG21]. **Immune** [WPEP22, ATH+24, ACF22, AABG20, BBB+25, BPP+20, BT22, BRAHV25, CAARG21, EB21, FGA+24, GF23, IHO21, JSCW21, JLK22, LLS+22, LT22, LS25a, MHI23, MAHMH20, OKF+21, OGD+20, RS24, SPLS+23, SFK+23, SBC+20, SMEG22, SF23, TKRA20, WMHV24, XZZ+23, vdVPW+22]. **immunisation** [RDDSA25]. **immunity** [Bai21, CCF+20, EB24, FG23, GFC+22, JKSD23, KT21, KPA+21, SFK+23, TNHV21]. **immunization** [SSX+22]. **immuno** [HPK+20, YDS24]. **immuno-** [HPK+20]. **immuno-epidemiological** [YDS24]. **immunodeficiency** [OKF+21]. **immunology** [Pat22]. **immunomodulatory** [MF22]. **immunosuppression** [GBF20]. **immunotherapies** [CPM21]. **immunotherapy** [ATH+24, CWL20, DCS20, GBF20, HS24, LFZ+24, RMS+25]. **Impact** [ASSL22, BW24, CBBD22, NAR+20, OU22, PEMLD22, QVE25, SRDC21, YTY+20, AH25, BKPT25, BDdG22, CBK23, CLJ+23, FSK21, GFH20, GW20, HCR20, KvLBD25, LLS+22, MN23, Ngo22, OGD+20, RDDSA25, San21, SXL+20, SSX+22, TEWN21, TK25, WCZL25, WUH23]. **impacting** [SCH24]. **impacts** [APR+22a, BGM22, CFH+25, DTS21, PAV21, ZWT24]. **imperfect** [Kis24]. **imperfectness** [KT21]. **implantation** [CNK24, MFGACST23]. **Implementation** [YL25, BH20]. **implementing** [HMLO+23]. **implicates** [KLLL22]. **implication** [WS22, YTH+21]. **Implications** [DH22, GBRM21, HXS21, MEBNZ24, SBW+22b, CWT+23, Han23, Hil23, KRSSH21, LZ23, MCL21, SSX+22, YL25, Yin21, AWC25, BH24, TMTK22]. **imply** [LSW20]. **importance** [Bol22, GG23, KV23, PRHS20, SY24, TBNS23]. **important** [AH25, KHBS20]. **improve** [FBA21, GFV+23, SSK+25]. **Improved** [dGSNK22, LLZ+22, RLB25]. **Improving** [LK20, LCYD23]. **in-depth** [RLB25]. **in-host** [KBD+23]. **in-silico}** [SBSB23, TKB+20]. **in-stent** [LFY+24]. **in-vitro** [AMSC20, NSZ+25]. **inactive** [DN22]. **inattention** [Whi21]. **inbreeding** [Sak20, Sak22a]. **incidence** [LZL+25, PP20, PP24]. **inclusion** [TAP+23]. **inclusion/exclusion** [TAP+23]. **Incoherent** [GK21]. **incompatible** [MSL23]. **inconsistent** [AA22]. **Incorporating** [AWC25, ASK20, ABC25, SHH20]. **Increased** [HMS21, PD23]. **index** [YWWF25, DRK23]. **India** [SRDC21]. **indication** [VKS+20]. **Indirect** [PAM24, LMB22, MCL20, MPA24, Mur25, PJVR23]. **indirectly** [TML20]. **Individual** [AM22, BGB+21, GFC+22, ABBP21, 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, CCF+20, CAARG21, CWF23, Cor21, Cor22, CSH+25, GMMR22, Goy21, GQK+21, GDQR23, HI20, HVC+21, HBGV+21, HSAH20, IH23, Jac25, JLK22, Kee23, KBD+23, KM22, KKK+20, LMC21, NM23, PWC+23, RY22, SPLS+23, Sal25, SdB23, SMEG22, WMHV24, WMO23, XYK+20, YdKdJ+20]. **Infections** [HGD+25, CPEK23, HPSA21, HPSA23, HBGW+25, JD21, JAW25, KPH+24, XDT+20]. **infectious** [AN22a, AH25, DHR25, GBHNHVL23, GJCLMQC20, JKH+23, KHB+22, MD22, MN23, MBHG+24, OGM+25, SGM+25, SA25, SOGK+23, YFF25, ZWT24]. **infectious-contagious** [GJCLMQC20]. **infectiousness** [CR20, LWM23]. **infective** [LPLM25]. **infectivity** [NAR+20]. **infer** [CLSB23]. **Inference** [GFH20, WZKM21, WW22, CGS+25, GFL23, HHT25, LT23, LG23, MMS+23, OV25, RW20, SGM+25, Sim25, TMC+23, VTDM21, WBS20, YOIS24]. **inferred** [RGBD25, WHRH+23]. **Inferring** [MCMdAM24, RBG+23, SWVW25, WCL+25]. **infertility** [Pag25]. **infestation** [BPS25]. **infinite** [GPDW20]. **inflammation** [ATP22, MHV+21, NM23, QYY+23]. **inflammation-causing** [ATP22]. **inflammatory** [EE23]. **Inflected** [MIP+21]. **inflight** [YBF23]. **inflorescence** [WS24]. **Influence** [WFL+24, BCK24, GHB22, LS21, LWXM20, MSB24, MSM23, SMM+23, TCMA21]. **influenced** [CWT+23, MPC+24]. **influences** [WMO23]. **influenza** [AMR+23, BNP+21, LMC21, NAR+20, SPLS+23, SD20, SMEG22, SSM+22, WMHV24, WDH+20, WSC+22, XYK+20, XCH+20, YAN21]. **influenza-like** [SSM+22]. **information** [CKM+22, CRRRP+20, FSNS20, GCA+20, Kan21, LL20, LX21, LMC+20, MB22, TBNS23]. **informational** [WBKR22]. **informative** [MLG21]. **informed** [PGC+22, RRAO21, Sim25]. **inhaled** [BBB+25]. **inhibition** [BCLJ24, BSC20a, CPMF+22, DB22a, HL20, MCP20, Wal22]. **inhibitor** [SF23]. **inhibitors** [DOF25, HKBK25, PD23, TAP+23, XZZ+23, vdVPW+22]. **inhibitory** [AKHM23, NSMH25]. **inhomogeneities** [SP20]. **initial** [GB23, MBM+25]. **initiated** [HI20]. **initiation** [EE23, Gre25]. **initiatives** [DAB+23]. **injury** [AHS23, GBRM21, WFL+24]. **Innate** [WPEP22, ACF22, BBB+25, CAARG21, EB21, GF23]. **inner** [QYY+23]. **innocent** [GRPG24]. **innocent-spreader** [GRPG24]. **innovation** [SHK20]. **inoculation** [MGZ+21]. **inosine** [YS25]. **input** [SHY21, Wad22]. **input-output** [SHY21]. **inputs** [ACD20]. **insect** [BB21b, CCPD22, IIHH21, MSL23, PR21]. **insecticide** [HPWvdB20, Ngo22, ORT24]. **insecticide-treated** [Ngo22]. **insects**

[GCA+20, OYT25, SAK21]. **insight** [LX21, SXJ20, ZBT22]. **Insights** [GDC+25, OGM+25, WRB22, FPS24, TKRA20, DCL23, ES24, GGG21, 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** [FMO23]. **inter-determined** [FMO23]. **interact** [MBT22]. **interacting** [FLR23, PB22, PAV21, vBBB+25]. **interaction** [AFTF22, AAL+21, CLW+24, CLSB23, CA21, EPF20, FBSD22, KHBS20, MTLZ22, Nah20, PJVR23, Pru25, Rev25, TMC+23, TTBL21, Xie23, ZSS+22]. **Interactions** [MCL20, YJBF20, AKHM23, AABG20, ADP21, BT22, BW25, BS22b, DEM+23, FBJR20, FGA+24, FBD23, GF23, GCA+20, HYM+22, HLW24, LTB25, LLZS25, MMG21, MK21, MCMdAM24, MK24, MWO21, OGD+20, 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** [SD25, CAARG21, PLXD+20, PEMLD22]. **intracranial** [DRO23]. **intraguild** [SYH20]. **intraspecific** [vBBB+25]. **intratumoral** [WGRE21]. **intrinsic** [LMA21, SSKP24]. **introduction** [BB25]. **invader** [MS25]. **invaders** [vdBMB+23]. **invagination** [JA23]. **invasion** [AZdV+22, BH23, CGY+23, CGGG20, DTLS24, FSC21, KMA+21, MH22a, MCM20, PJB21, WHH22]. **invasions** [SCH24]. **invasive** [DP22, JTB25, MGCH21, NSMH25, PZ20]. **inverse** [NNOBS23]. **invertebrates** [CG21, IYY22]. **Inverted** [YY21, ABOR20, Wal20]. **inverted-U** [Wal20]. **inverted-U/U** [Wal20]. **investigate** [BS21, FPGC21]. **Investigating** [HS24, LYYN20]. **Investigation** [AGTJ23, AHS23, BE22, EB21, GB23, HIA+22, HS20, LR21, MPA23, PP22, YS25]. **investigations** [WGRE21]. **involved** [BBK23, MHI23, PJVR23]. **involving** [HHI24]. **iodate** [PLSS24a, PLSS24b]. **iodate-induced** [PLSS24a, PLSS24b]. **ion** [MI20].

ionizing [DBW22, For25]. **irregular** [Wu24]. **irreversible** [CG21]. **irruptions** [VP22]. **ischaemia** [AVP+25]. **ischaemic** [WP21]. **ischemia** [NMC+21]. **ischemia-reperfusion** [NMC+21]. **Ising** [LLJ25]. **isokinetic** [BSV+24]. **Isola** [GK21]. **isolate** [NGKB21]. **isolation** [GGSTS21, PLR24]. **Isotropic** [KF20]. **Italy** [LMW21]. **iterated** [HPD20]. **IV** [KSSM20].

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

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

L [PD23]. **L.** [CGY+23]. **L1** [BS21]. **labor** [Yam24]. **laboratory** [WW24]. **Lactate** [SBSB23]. **lactation** [MSM23]. **lactylation** [LR25]. **lag** [DB22b]. **lake** [SH21]. **Lamarckian** [DMR21]. **lamellipodium** [MLK21]. **laminar** [Ost23]. **land** [CBBD22, PGP23]. **landscape** [MBT22, RGBD25, SFK+23]. **landscapes** [BB21b, 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]. **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]. **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]. **lost** [CK20b, KC22]. **Lotka** [CLSB23, MMG21].

Low [ABOR20, ASS+23, CWR21, KHAK21, Mur25]. **low-** [ASS+23]. **lower** [Cor21, Cor22]. **lowers** [GFC+22]. **LRBmat** [TMC+23]. **lumen** [NNOBS23]. **luminal** [Avv23]. **lung**
[ACF22, BE22, BGGM23, Don23, EB21, MHV+21, PBD+20]. **Luxembourg** [KPA+21]. **Lyme** [CPHL+20]. **lymph** [PZJPZ23]. **lymphatic** [OGM+25, ORT24, RRZDF20]. **lymphopoiesis** [CMRMC+21]. **lysogen** [CWR21].

MacArthur [Bar23]. **machine** [BJJM25, HXK+20]. **machinery** [GHS18, GHS20]. **machines** [TH20]. **macro** [MPTCT+20]. **macroevolution** [DHLS20]. **macromolecular** [OLF+24]. **Macrophage** [FLRR23, BE22, CMWB25, FLR+21, LMC21]. **macrophages** [BJB+20, EB21]. **Macroscale** [MK24]. **macroscopic** [GHS18, GHS20]. **macular** [PLSS24a, PLSS24b]. **magnetic** [ASP23]. **mainland** [RLW+21]. **maintain** [PB22]. **maintained** [Sak22b]. **Maintaining** [MCO21]. **maintains** [vBW20]. **Maintenance** [Sak20, BPP+20, Osb24]. **major** [TWT23]. **makes** [MIP+21, RR24]. **making** [Bai21, JCC20, PP22]. **malaria** [AY22, Hen20, MSL23, MSK+22, Ngo22, SLML20]. **Malawi** [GDC+25]. **male** [AKHM23, IY22, KNY25, YI21]. **males** [IIHH21, Jam21]. **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, Ano25n, Ano25f]. **MARCKS** [FET+24]. **marginal** [WBS20]. **marine** [BvdG20, Dal22, IYY22, TP24, XDZ+21]. **marital** [CK20b, SW22]. **mark** [SKNvRL23]. **mark-dead-recovery** [SKNvRL23]. **Markov** [CP23, DHC25, FPGC21, LZW23, PRP+20]. **Markovian** [BBDB22, VCS24]. **marsh** [ZSS+22]. **mass** [IYL+25, KJV20, RS24]. **massive** [AN24]. **master** [GFN23]. **master-slave** [GFN23]. **mastitis** [SYI20]. **matching** [LPA25]. **Maternal** [NTTI22, SL23, ZF21]. **Mathematical**
[AGP+21, AN24, AMA20, AY22, BE22, BLRV21, BT22, BSV+24, BGA21, EB21, ELM25, GMR+24, HI20, LHG+22, LCMW21, MPH+22, MHV+21, PASO21, Rob22, SL23, Swe20, TEWN21, TCH21, Vol24, WP21, YE21, vdVPW+22, ABB+22, AML+22, ASL+24, AMR+23, APR+22b, BBK23, BBB+25, BCK24, BJB+20, BGC+20, CGY+23, CNK24, CRGGSC20, CBH+22, CBH+23, CHMM23, CFH+25, CMRMC+21, CGG+25, DAB+23, DOF25, DSdP22, DSM+23, DYS+21, DRO23, EHP+21, FH23, FLR23, GDd+21, GBF20, GO21, GBRM21, GSR23, GZGH22, GLLP23, Han23, HPG+24, HCJT23, JME24, KR22, KV23, KKS23, KK23, LR25, Lei20, Lei24,

LLS+22, LGBG23, MF21, MF22, MDF21, NWVN20, OGD+20, PPFB24, PAM22, PGC+22, RT24a, RLB25, RKCvB25, Roy21, RY22, SXL+20, SSX+22, SF23, SF24b, SNK20, SOGK+23, SBJR21, TKRA20, WWR+24, WRB22]. **mathematical** [WCWL21, WSC+22, WSEK23, XYK+20, XZZ+23, YS25, YTH+21, dCC+23, LS25a, Pru25]. **maths** [DAB+23]. **mating** [CT22, GCM23, RWHK21, Sak22a]. **Matrix** [PJB21, ABC+21, BH23, DOF25, GHA+20, IHO+20, ST20]. **matrix-deposited** [BH23]. **matter** [FFNG+21]. **maximizes** [Sme21]. **maximizing** [HMS21]. **maximum** [GFH20, GRW+21, NNNHA24]. **May** [Ano20u, Ano20i, Ano21u, Ano21i, Ano22t, Ano22i, Ano23q, Ano23h, Ano24q, Ano24h, Ano25o, Ano25g, FVB20, For24, 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, Xie23, Xie25, YSK23]. **microtubule-based** [JMD20]. **microtubules** [RKP20]. **microvascular** [KG23]. **microvasculature** [HBK+20]. **microvesicle** [DMR21]. **microvessels** [FFR23]. **midbrain** [ZSL23]. **migrating** [SKNvRL22]. **migration** [BEBA20, DHLS20, FLO25, HVTA20, HH20, HAGADDM24, MPC+24, OKT+21, PABS23, YL25, YdKdJ+20]. **migrations** [KH24, LFJ21]. **Miller** [KJV20]. **mimicry** [QHS23, TT24]. **mineral** [RBD+20]. **mineral-rich** [RBD+20]. **mineralization** [CPMF+22]. **Minimal** [LSWVB24, CA21, KG22, MAHMH20]. **minimising** [FB24]. **minimization** [Ros21, SL22]. **minimize** [Ros22]. **minimum** [CLF+22]. **miR** [SMS20]. **miR-9** [SMS20]. **miR34** [NWVN20]. **miRNA** [BJG21, LS25b]. **miRNA-mediated** [BJG21]. **misuse** [TRKB25]. **mitigated** [Tay23]. **mitigation** [MBHG+24]. **Mitochondrial** [QYY+23, FMO23, GCC20]. **mixed** [Ala23, CBBD22, CBKS21, EB21, KRSG24, RWHK21, SKS21, Sak22a, PK23]. **mixed-mode** [KRSG24, PK23]. **mixing** [Avv23, DJ22]. **mixotrophs** [ADLM24]. **mixture** [FGA+24]. **mixture-like** [FGA+24]. **MMM** [ZSN22]. **mobility** [MM22, MDF21, RH23]. **modal** [LFZ+24]. **modalities** [HAP22]. **mode** [BAU+22, CP23, HFD23, KRSG24, PK23]. **Model** [ASK20, BKZ+22, BMB+21, FHR22, PLSS24a, SD25, AGP+21, AG22, AKHM23, Ala20, Ala23, AZdV+22, AHW21, ATH+24, ABK24, ABOR20, ABB+22, AML+22, AGBLGA+22, ACF22, ACP20, AABG20, AMR+23, AZYF+23, ABC25, BCC+21, BRN+22, BvdG20, BBB+25, BPP+20, Bar23, BC21, BGB+21, BBDB22, BH24, BJB+20, BGC+20, BKPT25, BRBF20, Bol22, BM20, BAG+24, BV24, BGGM23, BGA21, BGM22, BPS25, CGY+23, CNK24, CGK23, CRGGSC20, CLF+22, Car23, CBH+22, CBH+23, CMLM23,

CF20, CMWB25, CGW22, CDC20, CLSB23, CS20, CCSF21, CGG+25, CBKS21, CSP21, CGGG20, CA21, DHC25, DMR21, DTS21, DN22, DCS20, DDDMT22, DSM+23, DYS+21, DO21, DJ22, ETTT24, ES20, EWS23, EHP+21, ECH+23, EBK21, FG22, FPX20, FFR23, FH23, FPGC21, FBSD22, FBMG25, FPGOCP+25, FS24, FGA+24, FET+24]. **model** [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, HCJT23, HBWLLPA21, Hoe24, HXZ+22, HGZM25, ISC23, IH21, IY22, JS23, JME24, JFCK20, JA23, JWKA21, JCLS+11, JCLS+21, JLK22, JKH+23, KT20b, KG22, KR22, KCW+25, KKS23, KK22a, KHW+22, KSSM20, KJM20, KHAK21, Kro25, KRG24, KKK+20, LSWVB24, LR25, LS21, 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, MPC+24, MEBNZ24, MF21, MF22]. **model** [ML21, MDF21, MB24, NCL20, NNOBS23, NWVN20, OLF+24, OGD+20, Ost23, PPS+21, PLXD+20, PLSS24b, PK23, PGC+22, dAPdBMTS20, Pro24, dMQHRGA+22, dVRA20, RZRS+22, RRAO21, Rev25, RLB25, Roy21, RY22, RBW20, SPLS+23, Sak22b, Sal25, SSB20, SLTD22, SKNvRL22, SKNvRL23, SD20, Sch17, Sch23, SMEG22, SF24a, SRDC21, SL21, SLML20, SWK+20, SF23, SF24b, SBW+22a, Sim25, SNK20, SBSB23, SFYL20, SHH20, SWVW25, SD22, SSK+25, SUA+20, SVHM+21, SXJ20, SH21, SBJR21, SZR+25, Swe20, TMTK22, Tay23, TTBL21, TH20, Tsu20, TKRA20, VKS+20, VG25, VA22, VGC22, Vol24, WWR+24, WSY21, WDH+20, WCWL21, WFT23, WDA+23, WSEK23, XYK+20, XZW+24, Xie25, YWQX23, YHT24, YTH+21, YDS24, YL25, YM23, ZSN22, ZG21, ZWC+22, ZWT24, ZYF25, ZLZ+25, dLFO21, dCC+23, EHA+21]. **Model-based** [BMB+21, FHR22, ECH+23, 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, JHFMP+21, KV23, KLLL22, KTP+20, KM20, KK23, Kuz24c, LRAP22, LHG+22, LSZ21, LCMW21, LB20, LS25a, MMK+24, MHV+21, MAHMH20, MCP20, NDB20, PCLL21, PRFSHV20, Pat22, PHL+23, PBB20, PAM22, RRZDF20, SVVPPR+24, SBC+20, SL23, TCH21, TTBL21, Tha24, VTDM21, WLJ+20, WSC+22, XWS24]. **modeling** [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, KPA+21, LMC21, LFY+24, NNG20, PD23, PJVR23, PBD+20, STCSC+21, SMM24, SCHH20, Ste21a, TML20, TGC22, TS23, dJHP20, ASK20, ABBP21, AMA20, AY22, APR+22b, BLRV21, BEBA20, BEO+22, BDdG22, BCBP25, CBK23, CMRMC+21, CN21, DAB+23, DOF25, DLN20, DEM+23, GCC20, GZGH22, GLLP23, GtHH20, HAGADDM24, HMLO+23, MZG+20, NMC+21, NGKB21, PCR23, PASO21, RKP20, SXL+20, SSX+22, WP21, WRB22, XCH+20, ZZGG21, ZBT22, vdVPW+22, SC23a]. **Models** [BERR20, YRMWT20, AGP+23, ABBP21, AAF+25, AWC25, ASMN23, AR21, ADP21, ASKG25, BJJM25, BCLJ24, BK20a, CK20a, CN20, DSdP22, DCL23, FS22, FSKG20, FVC20, FGC24, GZ24, HTD22, KPH+24, LT23, LK20, LLJ25, LH20, MMG21, MPH+22, MCO21, OGM+25, PLAC22, Pru25, RB22, RT24a, RGBD25, Rob22, RMG+21, Sco24, SBW+22a, SBB+22, SMM24, Sim25, TNHV21, VCS24, WCM+21, WW24, WCL+25, WHRH+23, Wor20, XKV20, XCFH23, YWWF25, YFF25, ZPP23, dDA21]. **modes** [PJB21, Tsu20, XZW+24]. **modification** [BSS+20]. **modifications** [HSL24]. **Modified** [JKH+23, BAU+22, NAR+20, PDD24]. **modular** [BEO+22, SY24, TS23, YLZ+21]. **modularity** [PMCLC+23, SY24]. **modularity-disease** [SY24]. **modulate** [KPP20]. **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, 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]. **multi-agent** [Pro24]. **multi-cellular** [Osb24]. **multi-drug** [BCGG21]. **multi-host** [Cor21, Cor22, Sin21]. **multi-level** [ASK20]. **Multi-method** [DSdP22]. **multi-modal** [LFZ+24]. **multi-objective** [ZB22]. **multi-omics** [LCYD23]. **multi-period** [dIMM24]. **multi-period/multi-phasic** [dIMM24]. **multi-phasic** [dIMM24]. **Multi-scale** [NNOBS23, Coh20, LX21]. **multi-source** [LMC+20]. **multi-strain** [GSW+23, MEPS22, MCM20, TGC22]. **Multi-timescale** [ZSL23]. **multi-trophic** [LPA25]. **multi-type** [CSDH+25, SS23]. **multi-year** [HSAH20]. **multicellular** [KIO+25, MCO21, NSMH25, SMEG22, WMO23]. **multidrug** [GSR23]. **multifarious** [KKS23]. **multifractality** [HD25]. **multihost** [SYH20]. **multimers** [KB20]. **multinomial** [SKNvRL22, SKNvRL23]. **multiplayer** [CWW22]. **Multiple** [KBD+23, MHI23, dIMM24, AHS23, BvdG20, BV24, CDC20, FRMK22, GQK+21, LMG22, MF21, SBM+20, SXJ20, WSL25, XCH+20, Yam24, vBW20]. **multiplied** [CLW+24]. **Multiscale** [PP20, PP24, ST20, BCC+21, CGGG20, DSM+23, SMEG22, SZR+25, YJZ+24, YFF25]. **Multisolitons** [FET+24]. **Multisolitons-like** [FET+24]. **multispecies** [KLC24, RK22b]. **Multistability** [Pfe22, FLR+21]. **multistable** [GT22]. **multivariate** [PLM24]. **mumps** [APR+22b]. **murine** [ATH+24]. **Murray's** [Ros21]. **Muscle** [GRW+21, AG22, CDC20, Coh20, GHS18, GHS20, IHO+20, PCLL21, PO20, SL21, XSH+24]. **Mushroom** [GK21]. **mussels** [ZSS+22]. **mutagenic** [SSS21]. **Mutant** [RDDSA25, EWK20, HII22, HD22]. **mutated** [ZWC+22]. **mutation** [AL23, KNK21, KL21b, LZW23, TS23]. **mutation-selection** [KNK21]. **mutations** [CWT+23, HBG21, Sak20, Sak22b]. **mutual** [DB22a, LL20, MHI23]. **mutualism** [GZ24]. **mutualisms** [MRK24]. **mutualistic** [BSC20b, DBD23, KYI21]. **mutualists** [YJBF20]. **mutually** [GQG23, YST21]. **mutually-repressed** [YST21]. **Myc** [LS25b]. **Mycobacteria** [FK21]. **Mycobacterium** [AKUN20, AML+22, JLK22, WPEP22]. **mycorrhizal** [MGZ+21]. **myeloma** [BV24]. **myocardial** [ABB+22, MF22, NMC+21]. **myocarditis** [vdVPW+22]. **myocytes** [MCL21].

n [Kur23]. **n-player** [Kur23]. **nACh** [WM21a, WM21b]. **naïve** [KHHI25]. **nanoparticle** [ASP23]. **nasal** [CKF+24, PWC+23]. **National** [KM22]. **natural** [Akh22, Akh23, Hon20, HL24, Jam21, KT21, WW24]. **naturally** [CN20, HL21]. **naturally-bounded** [CN20]. **nature** [DB22a, GRW+21]. **navigation** [HCC+21, OTCE24]. **NCHB** [PZG20]. **near** [BM20]. **nearest** [Ios21]. **necessary** [SLCC22]. **neck** [SCD+23]. **necrotic** [BAG+24]. **nectar** [HZS+21, Rev25]. **needed** [GFV+23]. **negative**

[BBK23, IIH25, LYE+24, LMS21, SVHM+21]. **neighbor** [Ios21]. **neighboring** [ENMW21]. **Neisseria** [TKB+20]. **neither** [HHI24]. **nematode** [EBK21]. **neoadjuvant** [HKL25]. **neocortical** [GFN23]. **Nepal** [AGP+21, AGP+23]. **nervous** [CGGG20]. **nested** [NBBR23]. **nestedness** [Bau20]. **net** [RP21b]. **nets** [ASK20, Ngo22, ORT24]. **Network** [CSH+25, PB21, RT24a, TNHV21, VTDM21, ACG24, AH25, AZYF+23, BSC20a, CLW+24, CPMF+22, CC22, DBS23, DLSA24, EWS23, FLRR23, GFN23, GSMG22, HHT25, LK20, LK25a, LK25b, Nah20, PZXC22, PABS23, dAPdBMTS20, dVRA20, RBG+23, SOKZ22, SMM+23, SCH24, WDT+20, WLW19, WLW20, YZSS20, YST21, YdKdJ+20]. **Network-based** [RT24a]. **network-structured** [PABS23]. **networks** [AGTJ23, ANGJ25, BGB+21, Bau20, BFD25, CP23, CKM+20, CKNCG22, DBD23, EIK+21, EWS23, 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, 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, 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, Ano25p]. **nuclear** [LHG+22]. **nucleation** [FSKG20, IMM24, RB22]. **nucleotide** [BEO+22]. **nucleus** [HGZM25]. **null** [CCSF21]. **number** [BTS24, DF22, HMS21, KRSSH21, LMW21, XDT+20]. **numbers** [WCL+25]. **Numerical** [KG22, Kuz24c, MPA23, AKHM23, NSZ+25, Osb24, PP20, PP24]. **nuptial** [IY22]. **nurse** [MCL20]. **nut** [ZLYL20]. **nutlin** [AAL+21]. **nutlin-3a** [AAL+21]. **Nutrient** [MSB24, ABB+22, AML+22, ACP20, IDMG24, LGBG23, OTI+20, SFYL20]. **nutrient-** [AML+22]. **nutrient-limited** [LGBG23]. **nutrient-phytoplankton** [SFYL20]. **nutrition** [HBGW+25]. **nutritional** [FHTK20].

O [AG22]. **obesity** [SF24b, VTDM21]. **obesity-induced** [SF24b]. **objective** [ZB22]. **objects** [CRDD22]. **obligate** [KM22, VB21]. **observability** [Mar24]. **observation** [GSR23, MMI21]. **Observations** [JFCK20]. **observer** [BAU+22]. **obstacles** [Pro24]. **obstructive** [DEM+23]. **occur** [LS21]. **occurrence** [GMV+20, HHI24, MGVS21]. **ocean** [Ios21]. **oceans** [MK24]. **October** [Ano20w, Ano20k, Ano21w, Ano21k, Ano22v, Ano23s, Ano24s, Ano25q]. **ocular** [Ost23]. **ODEs** [ILGI20]. **off** [APR+22a, BSS+20, Cai22, MEA21, VP22, WK25]. **offs** [ADLM24, SUA+20]. **Ohio** [KBW+23]. **oilseed** [KCW+25]. **old** [SL24]. **Olfactory** [HCC+21, PR21, Bar21, OTCE24, TKR+21]. **Oligomerisation** [Koc20]. **olive** [BCS+22, WWR+24]. **olives** [MUMS24]. **Omicron** [PD23]. **omics** [LCYD23]. **omnivores** [BD22]. **on-going** [Hon20]. **Oncolytic** [SC23a, JFCK20]. **oncotically** [JJR20]. **One** [GHS18, GHS20, BRN+22, BC21, FET+24]. **one-dimensional** [BRN+22, BC21, FET+24]. **ones** [Dal22]. **Ongoing** [PZJPZ23]. **only** [Dal22]. **onset** [CR20, ML21, NSMH25]. **opinion** [YSP+23]. **opinion-transfer** [YSP+23]. **Optic** [YBF23]. **optically** [SC21]. **Optimal** [ASP23, ATH+24, CGW22, CS20, CS21, GQG23, HMS21, IDMG24, IMM24, IHS25, Kis24, KYI21, LPLM25, LZL+25, MSLW23, MH22a, PLAC22, UIY22, VMRSL23, WSL25, YCKK24, APL21, BKP23, CD22, DBD23, GCX+20, HPWvdB20, KRG24, LK25a, LK25b, MB21, MSL23, MC20a, NDB20, PHL+23, RG21, Sal25, SYI20, SBM+20, TATT21, TTBL21, ZZB+21].

optimality [BF20, MBF21]. **optimally** [NTTI22]. **Optimisation** [BS25, HKL25, KKL20]. **optimising** [FG22]. **Optimization** [KK23, DCS20, SGM+25, Wu24]. **optimizing** [SLTD22]. **opting** [Kur23, LL21]. **opting-out** [Kur23, LL21]. **option** [GDd+21, Kur21, Kur23]. **OQDS** [BCS+22]. **orbit** [MC20b]. **orbits** [LW20]. **orchestrates** [AVSTS23, GK21]. **orchid** [SWK+20]. **order** [GFN23, LMB22, LPD23, PR21, RMG+21, SSR21, Wad22, ANGJ25]. **Ordovician** [ELRG21]. **organ** [CKF+24]. **organic** [IHS25]. **organisation** [ES20, PRP+20]. **organised** [AMSC20]. **organisms** [HL21, IDMG24, ND22, PTK+24]. **organization** [HJKS20]. **organize** [STCSC+21]. **organized** [HL20]. **organophosphates** [GJCLMQC20]. **organotypic** [FSC21]. **orientation** [GLLP23, Hoe24]. **orientation-based** [Hoe24]. **origin** [Di 21, JWKA21, KI20, SK21, TH21, Wal20]. **originate** [AS21]. **originated** [For24]. **Oryctes** [CGY+23]. **Oscillation** [MBMA25, HXZ+22]. **Oscillations** [SGJ+24, CSF20, CBK+20, LYE+24, MP22, PLXD+20, PK23]. **oscillator** [MUMS24]. **oscillatory** [IHO+20, MP22]. **OSIRIS** [BvdG20]. **osmoregulation** [UIY22]. **osmotic** [DN22]. **osmotically** [DN22]. **osteoblast** [CPMF+22]. **osteochondral** [CNK24]. **osteogenic** [DBTI21]. **otter** [LZ23]. **outbreak** [BGM22, CR20, GDC+25, LRST22, MBHG+24, SOGK+23, YLT22, ZRL+21]. **outbreaks** [APR+22b, BCS+22, BFSA23, DHR25, ENMW21]. **outcome** [BCBP25, Goy21]. **outcomes** [BW25, DTLS24, FBA21, JLK22]. **outcrossing** [YI21]. **outer** [BCC+21, QYY+23]. **output** [KMI23, SHY21]. **outward** [SHY21]. **ovarian** [FHR22]. **overdispersion** [GFH20]. **overlapping** [XML22]. **overproduction** [Sak22a]. **ovules** [Sak22a]. **ownership** [Cai22]. **oxide** [GJDS20]. **OXPHOS** [JS23]. **oxygen** [NM23, TCH21]. **oxygenation** [SLTD22]. **oyster** [JCLS+11, JCLS+21].

P [HKBK25]. **P-TEFb** [HKBK25]. **p38** [KLLL22]. **p53** [AVSTS23, AAL+21, BAU+22, NWVN20]. **packing** [RID23]. **paddy** [LYYN20]. **paediatric** [SdB23]. **PafBC** [FK21]. **PafBC-mediated** [FK21]. **pair** [AZdV+22, CT22, Sal25]. **pair-formation** [AZdV+22]. **pairwise** [LK20]. **pancreatic** [CCH+24, CHMM23, FVB20, PAM22, WCZL25]. **Pandemic** [HMLO+23, AGP+23, APF+24, ASS+23, DAB+23, JKH+23, LPLM25, NGKB21, XCH+20, dIMM24]. **pandemics** [STCSC+21]. **paper** [WM20]. **papillomavirus** [GMMR22, Sal25, GTE20]. **paradigm** [AA22, BH20]. **paradox** [Sco24]. **Parameter** [DCS20, FPGOCP+25, KBD+23, SBW+22a, DO21, FHR22, GMR+24, IMM24, KH20, SBB+22, YOIS24]. **parameterized** [CGG+25]. **parameters** [GB23, GFV+23, SC21, WHRH+23]. **Parasite** [HK21]. **parasites** [CBPG23, TEWN21]. **parasitic** [MCL20]. **parasitoid** [KH24, Sin21, VP22]. **parasitoids** [MGCH21]. **parent** [Sak22a]. **parents** [Pag25]. **parity** [For24]. **Park** [KM22]. **Parkinson** [RNP+25]. **Parkinson's** [HXZ+22].

parsimonious [FGC24]. **Part** [GADDVG+24, DAB+23, CTL+22, CDdV23]. **partial** [SMM24, VGC22]. **particle** [BLRV21, LFY+24, MK24, WFL+24]. **particles** [HYM+22, SGM+25]. **partner** [EBA21, ZWWW23]. **passage** [BJG21, WA22]. **Passive** [PCR23, AJR+20, BC21]. **past** [CKNCG22, Pro24]. **patch** [FPS24, GSC23, SXJ20, ZZB+21, ZYF25]. **paternal** [HMS21]. **path** [LKP+20]. **pathogen** [BW25, HI20, LT22, MW20, TGC22]. **pathogen-host** [BW25]. **pathogens** [FG23, GG23]. **pathologies** [GADDVG+24]. **paths** [CLW+24, MMI22, Swe20, YZB20]. **pathway** [AZYF+23, CSF20, CKM+22, FSNS20, GMS20, KPH+24, LMA21, VTDM21]. **Pathways** [IYL+25, BBK23, CTL+22, CDdV23, SL24, SMM+23, XYK+20]. **Patient** [DO21, BG21, DLN20]. **Patient-specific** [DO21, DLN20]. **patients** [DEM+23, PAM22, TKRA20, YCKK24]. **Pattern** [HYM+22, PLXD+20, ZSS+22, BPM+22, CGW22, DEM+23, HS20, HII22, HH20, JMD20, KG22, Kan21, NO24, PP20, PP24, RK22b, WH21, ZWW22]. **patterning** [LTS+21, WCD21]. **Patterns** [Kee23, AR20, ABvH+20, CKTW24, CWT+23, EWS23, FET+24, HRD+24, HL20, KH20, LKP+20, MTB24, Pfe22, Pis25, SMM+23, TWT23, TKR+21, WS24, WDHB20]. **pause** [AW22]. **payoffs** [KL21b]. **PD** [BS21, LBF24, SSLMGC25]. **PD-1** [BS21]. **PD-based** [SSLMGC25]. **PD-L1** [BS21]. **peak** [CSDH+25]. **peaks** [RE25]. **peer** [LDL+24]. **PEF** [ZLYL20]. **pellets** [SVVPPR+24]. **pembrolizumab** [HKL25]. **pendulum** [ABOR20]. **peptide** [KKL20, WDT+20, ZLYL20]. **Perceived** [SZR+25]. **perception** [MGFS+20]. **performance** [CBKS21, FGES24, WM21b]. **period/multi** [dIMM24]. **Periodic** [MC20b, ES24, IDMG24, LFJ21, LW20, NKE23, SF24a]. **periodical** [KMA+21]. **periodicity** [XDT+20, Yin21]. **periodicity-2** [Yin21]. **Peripheral** [Nak25, PS22b]. **Perivascular** [dGSNK22, YTW21]. **permeability** [EE23, SJNRS20]. **permeabilization** [QYY+23]. **permits** [ABOR20]. **peroxisome** [VTDM21]. **persistence** [BS25, CHSB20, JAB22]. **Persistent** [Ste21b, SCH24, AABG20]. **Personalized** [NDB20, YTH+21]. **perspective** [BCK24, BL25, GADDVG+24, 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, 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]. **phylogeny** [BPM+22]. **physical** [IYL+25, LPBMA21, YXW21]. **Physically** [GCC20]. **Physically-plausible** [GCC20]. **physics** [Avv23]. **Physiological** [FSNS20, FGES24]. **physiology** [ASSL22]. **phytoflagellates** [BEBA20]. **phytophagous** [OYT25]. **phytoplankton** [MSB24, OLF+24, PB22, SFYL20]. **PID** [GFN23]. **pig** [SHH20, ZRL+21]. **pigmentosa** [Rob22]. **Pillars** [Don23, Pru25, Sal24, Tha24, Wil23]. **PIN7** [Nah20]. **pine** [ZLYL20]. **pinnate** [Ros22]. **pipeline** [ASK20]. **pirate** [Mit20]. **PKC** [LYE+24]. **place** [MSM23]. **placental** [BAJ+21]. **Placoparia** [ELRG21]. **planaria** [CMLM23]. **planarian** [HL20]. **plankton** [MSB24]. **plankton-fish** [MSB24]. **planktonic** [SMJ20]. **planning** [MAHMH20]. **Plant** [MC22, Rev25, ASF22, CCA20, CLD21, DP22, DLSA24, LKP+20, MRK24, MTB24, MGZ+21, NNG20, OYT25, RLB25, Wal22, WWR+24, WLJ+20]. **plant-herbivore** [MTB24]. **Plant-microbe** [MC22]. **Plant-pollinator** [Rev25]. **plants** [KHST21, MDG24, MCL20, MI20, QHS23, ZG21]. **plaque** [Kuz24c, MF21, PCLL21]. **plaques** [Kuz24a]. **plasmid** [AZdV+22]. **Plasmodium** [MSK+22, DDDMT22, TEWN21]. **plastic** [APL21]. **plasticity** [ADLM24, CHSB20, EWK20, KKS23, WCL+25]. **plate** [WS22]. **platelets** [BEO+22]. **platform** [BS21, RRZDF20]. **plausible** [GCC20]. **player** [KL21b, Kur23]. **plays** [CRGGSC20]. **PLC** [LYE+24]. **pleiotropic** [Nah20]. **Poacher** [HL21]. **Poacher-population** [HL21]. **poaching** [HL21]. **Pocillopora** [HPG+24]. **point** [HBK+20, LMA21]. **points** [CSH+25, DBD23, LS25b]. **polarization** [BBK23, Car23, FLR+21, KJM20, PLXD+20]. **policies** [WUH23]. **policing** [CKB+21]. **policy** [FHM20, TT20, TATT21]. **poliomyelitis** [CGP+20]. **pollen** [HMS21, Rev25]. **pollinator** [MRK24, QHS23, Rev25]. **pollinators** [HMS21]. **pollutants** [ZZ22]. **pollution** [HHT25]. **Pólya** [PLM24]. **Pólya-splitting** [PLM24]. **polymerization** [IMM24, YL25]. **Polymorphic** [RBZP24]. **polymorphism** [BK20a, 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, 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]. **Pre-atherosclerotic** [JJR20]. **pre-clinical**
[PGC+22]. **pre-exposure** [FPGC21]. **prebiotic**
[CRRRP+20, PPGB20, RBD+20]. **precancerous** [WHH22]. **precision**
[KMI23]. **predation**
[AM22, BSC20b, BSL24, GtHH20, IDD23, RCM+25, SYH20]. **Predator**
[ASMN23, QPL21, AM22, BB25, BG21, FSKG21, GRPG24, KHBS20, KSSM20, Leh21, LTB25, PPS+21, STB20, XKV20]. **predator-prey**
[AM22, GRPG24, KSSM20, Leh21]. **predators** [CBPG23, Pis25]. **predict**
[CKM+20, dMQHRGA+22]. **predictability** [PL20, YLZ+21]. **Predicting**
[LMW21, REK20, SL24, WDT+20, AWC25, LFZ+24, Tsu21]. **prediction**
[BJJM25, CLW+24, DTLS24, Sim25, KYI21]. **predictions**
[CCA20, GFV+23]. **Predictive**
[YRMWT20, AHW21, EPF20, JLK22, PGC+22]. **Predictor** [BDB25].
predicts [CF20, LSWVB24, LHG+22, Swe20]. **preference** [OYT25].
preferences [ZWWW23]. **preferentially** [KKL20]. **pregnancy** [ASSL22].
PrEP [DHC25]. **preparedness** [LPLM25]. **presence**
[Ala23, CKB+21, DP22, DHLS20, SFK+23, WZP+23]. **present** [Kur21].
Preservation [LYYN20]. **preserved** [AOB21]. **preserves** [RWHK21].
pressure [DRO23, ETTT24, KM20, TDRC23, WGRE21]. **prestressed**
[ZL20]. **presuming** [Avv21]. **Prevalence**
[BKP23, AKUN20, Cor21, Cor22, YdKdJ+20]. **prevent** [LYYN20].
Prevention [BCS+22, IYL+25, ORT24]. **prey**
[ABvH+20, AM22, BSC20b, BG21, CBPG23, FSKG21, GRPG24, KHBS20, KSSM20, Leh21, LTB25, MSM23, PPS+21, PTK+24, Pis25, STB20, TBNS23].

Price [Lio18, Lio24]. **primary** [Ost23]. **principal** [PWC+23]. **principle** [Gav25, WH21]. **principles** [AN22b, LTS+21]. **printed** [BMB+21]. **prion** [FSKG20, GCNZ+21, RB22]. **prion-like** [FSKG20, RB22]. **prioritization** [KIM+22]. **priority** [TT20]. **prisoner** [FS24, MMI22]. **pro** [LBF24]. **pro-cancer** [LBF24]. **Probabilistic** [BCLJ24, DEM+23, JCC20, GBHNHVL23]. **probabilities** [RK22b]. **Probability** [CSDH+25, FVC20, CCSF21, DHC25, EWK20, FSK21, GMV+20, MGVS21, MCM20, YLT22, ZWT24]. **probe** [PJPH25]. **problem** [Ios21, MB21]. **problems** [FBA21]. **proboscid** [SWK+20]. **proboscises** [SAK21]. **procedure** [NDB20]. **process** [AMSC20, Bai21, BH20, DHR25, EE23, EBK21, GWZ+22, GADDVG+24, HS20, IB21, KCW+25, LMS21, LZW23, NNOBS23, NKE23, NTTI22, SS23, SRB+24, San21, SHK20, ZWT24]. **process-based** [EBK21, KCW+25]. **processes** [Bol22, CNK24, GC20, PLM24, Wad22]. **processing** [DB22a, MB22, SLCC22]. **produce** [BW25]. **produces** [ZM20]. **producing** [IHS25]. **production** [BLRV21, DDDMT22, Kuz24a, OTI+20, TH25, Tsu21, YI21]. **productivity** [MTB24, WDHB20]. **Professor** [Ano21-49, CSW24]. **profile** [KBD+23, RMSS24]. **profiles** [DRO23, SWVW25]. **progenitor** [VGC22]. **programmatic** [LT22]. **programmes** [SXL+20]. **programming** [SYI20]. **progression** [CBH+22, CBH+23, PCLL21, WMO23, YXW21]. **project** [YLT22]. **Projecting** [KBW+23, SFK+23]. **projection** [HGZM25]. **projective** [RBW20]. **proliferation** [Car23, CGR22, GCNZ+21, GFL23, HD22, SK21]. **proliferative** [MCO21]. **proliferator** [VTDM21]. **proliferator-activated** [VTDM21]. **promise** [MB21]. **promote** [PHN+23, SW22]. **promoter** [GTE20, LS21]. **promotes** [CK20b, DCP+22, JMWX23, LK25a, LK25b, TMTK22]. **promoting** [Cor21, Cor22, Kro25]. **prone** [PRHS20]. **proneness** [LB25]. **Propagation** [DP22, NM23, LMS21, YSP+23]. **properties** [BJG21, CK20a, CMRMC+21, GBHNHVL23, HDM20, Mar24, MS20, NKE23, OSAR21, dAPdBMTS20, RNP+21, RG21, WM20, YSK23]. **property** [AOB21]. **Prophylactic** [MW20]. **proportion** [WCL+25]. **proposing** [KV23]. **prosocial** [LDL+24]. **prospect** [HGCC22]. **prostate** [CPM21, LF25, RNP+21, VVD24]. **protection** [CWF23, KT21, SSS21]. **protein** [AVSTS23, BJG21, CLW+24, CWT+23, CSH+25, FSKG20, FET+24, IMM24, KLLL22, LDaH22, LMC+20, Nah20, RKP20, RB22, San21, WDT+20]. **protein-peptide** [WDT+20]. **protein-protein** [Nah20]. **protein-spreading** [FSKG20, RB22]. **proteins** [BP21, Nah20, Xie21, Xie22]. **protest** [Vol24]. **prothrombinase** [GGS+24]. **protoxylem** [JMD20]. **provide** [Wad22]. **provides** [JME24, ZYLW21]. **Province** [APR+22b, SXJ20]. **provinces** [ZZ22]. **provisions** [KT20b]. **pruning** [SSK+25]. **pseudo** [WBS20]. **pseudo-marginal** [WBS20]. **public** [CPS20, FPX20, FFAV21, JCC20, RP21a]. **Puerto** [VMRSL23]. **Pulmonary**

[LS25a, DEM+23]. **PULSAR** [RMS+25]. **Pulsatile** [DB22a]. **pulsations** [YTW21]. **pulse** [Bau20, CKM+20, DB22a]. **pulsed** [FFGR25, ZLYL20]. **pumping** [dGSNK22]. **punishment** [CPS20, FFAV21, JCC20, Mur25]. **purine** [RP21b]. **pyloric** [Avv21]. **pyrimidine** [RP21b].

QAP14 [GYY+23]. **QSARs** [MPTCT+20]. **qualitative** [DMPIG24, GDC+25]. **quality** [BBDB22, BYHH20, EBA21, HL24]. **Quantification** [YRMWT20, DLN20, OGM+25, RT24a, YHT24]. **quantifies** [HBK+20]. **quantify** [YG25]. **Quantifying** [ACG24, KKK+20, OKF+21, OTI+20, SD22, WCZL25, vBBB+25]. **Quantitative** [PRFSHV20, PGML20, ABC25, DH22, IY22, YLT22]. **quantities** [AH25]. **quarantine** [AHW21]. **Quasi** [BJR+22, BFG21, MDF21, Sme21, ESW24, Lio18, Lio24]. **quasi-equilibrium** [Lio18, Lio24]. **Quasi-neutral** [BJR+22]. **Quasi-random** [BFG21]. **Quasi-species** [Sme21]. **Quasi-steady** [MDF21, ESW24]. **quick** [BCS+22]. **quiescence** [Avv21]. **quota** [SGJ+24].

R [BH24, KK23]. **R-loop** [BH24]. **R0** [IHG21]. **rabies** [MK21]. **radiation** [DBW22, For25, MAHMH20, RMS+25, YS25]. **radiations** [PLR24]. **radical** [MSK+22]. **radiobiology** [KK23]. **radiotherapy** [CBZK21, CBK23, KK23, MEBNZ24, MAHMH20, SLTD22, WCZL25]. **radiovirotherapy** [ATAJS20]. **radius** [Kuz24b]. **random** [ABBP21, ABC+21, BFG21, CKTW24, FS24, FSK21, LWXM20, MWO21, Sch18, Sch21a, SFYL20, YHT24]. **randomized** [TAP+23]. **randomly** [UIY22]. **Range** [LAP24, MGFS+20, MC22, Wad22, WCD21]. **Range-limited** [LAP24]. **ranges** [BRN+22, XML22]. **rank** [Pie21]. **Rankings** [MBM+25]. **rape** [KCW+25]. **Rapid** [Täu20, CRG+23]. **rare** [MZLJ20]. **rat** [GMR+24, GEHL+22]. **ratchet** [BS22a, KNK21]. **Rate** [DCL23, AN24, AL23, BS22a, CLM+25, CPEK23, CT22, DHC25, GFAP+25, IHO21, KHAK21, Kuz24a, LZL+25, MMS+23, NAR+20, PZJPZ23, RGBD25, Tsu21]. **Rate-dependent** [DCL23]. **rates** [AM22, BRN+22, BLRV21, FVC20, GFL23, LZW23, MGFS+20, MTLZ22, RS24, ZYLW21]. **Ratio** [RS24, Gar23, HPSA21, HPSA23, JTB25, NAR+20, WSY21]. **Ratio-dependent** [RS24, WSY21]. **ratios** [JTB25, SSR21]. **rats** [SL23]. **RdCVFL** [WCWL21]. **Reacting** [ENMW21]. **reaction** [BNP+21, CGW22, EIK+21, GJDS20, KG22, KBS+19, KBS+20, KB22, PLXD+20, PLAC22, PPGB20]. **reaction-diffusion** [KB22]. **reactions** [SSS21]. **reactivation** [BPP+20, NVS20]. **Reactivity** [LW20, LLZS25, RE25]. **real** [EE25, HCC+21, KK22a, Wal22]. **real-time** [KK22a]. **realizations** [LML24]. **really** [TT20]. **rearrangement** [GPDW20]. **reasoning** [PAM24]. **rebound** [GDQR23, HHI24]. **receptor** [VTDM21, WM21a, WM21b]. **receptors** [CCVB+21]. **recessive** [BB21b]. **recipient** [HMS21]. **reciprocal** [CSVB25]. **reciprocity** [LMB22, MPA24, Mur25, PAM24]. **reckless** [BG21]. **recognition**

[Sco24, ZWW22]. **recombination** [RWHK21]. **recommended** [GSR23]. **reconcile** [dGSNK22]. **reconstructed** [GMV+20, MGVS21]. **Reconstructing** [AKUN20]. **recorded** [HRD+24]. **recovered** [JKH+23]. **recovery** [BAU+22, PBB20, SKNvRL23]. **recurrence** [AGTJ23, YS25]. **recycling** [TMTK22]. **red** [HDM20]. **reduce** [BD21]. **reduced** [JS23, RH23]. **Reducing** [CK20b, SF24b, SCD+23]. **reduction** [ASK20, RRAO21, Sim25]. **reductionism** [Bar21]. **Redundancy** [MEA21]. **Redundancy-selection** [MEA21]. **reef** [HPG+24, JCLS+11, JCLS+21]. **reef-building** [HPG+24]. **reefs** [ZYF25]. **reencounter** [SKNvRL22]. **reflection** [GFH20, SKS21]. **reflux** [Avv21]. **refuges** [BB21b]. **refusal** [PB21]. **regeneration** [ABB+22, CNK24, CMLM23, HFD23, Lei20, Lei24, MFGACST23]. **regenerative** [DBW22]. **regime** [SF24a]. **regimen** [WCZL25]. **regimens** [MBM+25]. **region** [ACF22]. **regions** [HMLO+23]. **registration** [ZLZ+25]. **registry** [HRD+24]. **regress** [RKCvB25]. **regular** [BK20b]. **regularization** [LLZ+22]. **regularly** [SMM+23]. **regulated** [YST21]. **regulates** [NTTI22, QWZK24]. **regulating** [QYY+23]. **regulation** [AG22, CCH+24, CHMM23, DOF25, FHR22, FHTK20, GTE20, GK20, KLLL22, KTU22, LMA21, MB22, PGML20, PEMLD22, PL20, SOKZ22, SJNRS20, SSKP24, WvdDL+21, XZW+24, YBF23, YST21, YTH+21]. **regulator** [LMA21]. **regulators** [FSKG21]. **Regulatory** [LB20, CPMF+22, DBS23, FLRR23, GT22, HL20, HBG21, HLW24, HGZM25, KV23, 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]. **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, MB21, MRK24, MC20a, OKT+21, RK22a, SdAM24, SLCC22, VVD24, WK25, Wor20, YTG24, EHA+21]. **resource-based** [VVD24]. **resources** [BP23, FBA21]. **respiratory** [CWF23, GJCLMQC20]. **Response** [LB25, TKRA20, WPEP22, AVSTS23, ACD20, ACF22, BBB+25, BPP+20, Bau20, BT22, BLP20, CAARG21, CBZK21, CLLL20, CKM+20, DAB+23, DCP+22, FG23, FBA21, FK21, For25, FHTK20, KHW+22, KSSM20, LPSMCP23, LLS+22, LFZ+24, LT22, MF24, MEBNZ24, OKF+21, QPL21, SBC+20, SMEG22, SVHM+21, SH21, Ter23, TKR+21, Vol24, Wal20, WMHV24, XYK+20, XCFH23, ZZGG21]. **responses** [ACF22, EB21, FGES24, HDM20, LRAP22, SPLS+23]. **responsible** [SSM+22]. **resting** [AG22]. **restrict** [BJB+20]. **restriction** [JMD20]. **result** [LPD23]. **resulting** [ZXLH23]. **results** [GDQR23]. **retaining** [CKF+24]. **reticulum** [DLSA24, PO20]. **retina** [ABK24, BCC+21, FSNS20, YBF23]. **retinal** [SS22]. **retinitis** [Rob22]. **Retrospective** [KvLBD25]. **return** [LMA21]. **reveal** [DB22a, FLR+21, LWM23]. **Revealing** [RMS+25]. **reveals** [ASF22, AABG20, BLRV21, CLD21, GGSTS21, Goy21]. **reversal** [Leh21]. **review** [GLLP23]. **revisit** [JS23]. **revisited** [Bol22, CK20b]. **Revisiting** [BPS25, Gav25, Mar24, MY20, SY24]. **reward** [JCC20]. **rhinoceros** [CGY+23, CGY+23]. **rho** [KJM20]. **rhythm** [KMI23]. **rhythms** [BCK24, GK20, RE25, ZG21]. **ribosomal** [NCL20]. **riboswitches** [PRFSHV20]. **ribozyme** [RBD+20]. **rice** [LYYN20]. **rich** [RBD+20, TMTK22]. **richness** [FVC20, PS22a]. **Rico** [VMRSL23]. **RIG** [SBC+20]. **RIG-I** [SBC+20]. **ring** [YRMWT20]. **Rinzel** [KK22a]. **risk** [AGP+23, BRAHV25, GtHH20, LWM23, MHPB23, NVS20, RLW+21, SSB20, SCD+23, SZR+25, VCS24, YWWF25, ZXLH23]. **risks** [LRST22, SOGK+23]. **risky** [CPS20]. **rituximab** [BT22]. **RNA** [Akh23, Akh22, GK20, RP21b, TH21]. **RNA-based** [Akh23, Akh22]. **RNAP** [NCL20]. **road** [DP22]. **Robust** [BAU+22, JMD20, LH20, CKF+24]. **robustness** [ACG24, ADP21, DMAC21, IKYW21, WDA+23]. **rock** [BFG21, WM20]. **rods** [ABK24]. **Role** [Avv23, PCLL21, PZXC22, WPEP22, AMA20, AM22, BE22, BB21a, BFSA23, CRGGSC20, CLM+25, EB21, FOY21, GDd+21, GBRM21, Goy21, GDLF20, HS20, HBGW+25, ISC23, JD21, KT20b, Kro25, 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]. **RSC** [LCYD23]. **RSC-based** [LCYD23]. **rubrum** [KGP+22]. **rugged** [RID23]. **Rule** [WCM+21, APL21, For24, HZM+21, JCC20, Leh22]. **Rule-based** [WCM+21]. **Rules** [GRW+21, Leh22, ZMKF22]. **rumor** [GRPG24]. **Run** [GRW+21]. **Runaway** [LPD23]. **running** [ABOR20, GRW+21, SF24a]. **ruthless** [Bar21].

Saccharomyces [San21]. **sacoglossan** [YYI21]. **saddles** [WA22]. **Saharan** [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, BFSA23, CWF23, CLJ+23, CPEK23, CWT+23, CSH+25, GFV+23, GFC+22, Hil23, JMWX23, KvLBD25, KRSSH21, Kee23, KBD+23, LRST22, NSZ+25, PD23, PWC+23, PDD24, Roy21, TAP+23, WUH23, WHRH+23, XCFH23, YY21, Yin21, dCC+23]. **SARS-CoV-** [KRSSH21, PD23, Yin21]. **SARS-CoV-2** [ACF22, BLRV21, BFSA23, CWF23, CLJ+23, CPEK23, CWT+23, CSH+25, GFV+23, GFC+22, Hil23, JMWX23, KvLBD25, Kee23, KBD+23, LRST22, NSZ+25, PWC+23, PDD24, Roy21, TAP+23, WUH23, WHRH+23, XCFH23, YY21, dCC+23]. **sauropod** [KI21]. **savanna** [ES20, BGA21]. **scaffold** [MFGACST23]. **scaffolding** [KLLL22]. **scaffolds** [BMB+21]. **Scalable** [OV25]. **scalar** [AOB21]. **scale** [CCPD22, Coh20, FGES24, LX21, MBM+25, MZG+20, NNOBS23, dMQHRGA+22, Täu20, ZRL+21]. **scale-free** [CCPD22]. **scales** [GHS18, GHS20, HVC+21, PJB21, RCM+25, vBW20]. **scaling** [LHG+22]. **scarlet** [ZZ22]. **scavengers** [KM22]. **scenario** [KI20]. **schedule** [IHS25]. **scheduled** [BAU+22]. **scheme** [LMC+20]. **schistosomiasis** [VGTY21]. **Schooling** [CRDD22]. **scientific** [TRKB25]. **scissors** [WM20]. **scleractinian** [WDA+23]. **sclerosis** [AHS23, FRMK22, MF21]. **scrambled** [HJKS20]. **screening** [SXL+20]. **scrutiny** [GHF22]. **Sea** [WSY21, OKT+21, YYI21]. **seal** [CKF+24]. **search** [CGS+25, HCC+21, IH21]. **searching** [Kan21]. **seasonal** [IHS25, ML21, STB20]. **seasonality** [APR+22b]. **seasonally** [KHB+22]. **seasons** [HSAH20]. **Second** [AZdV+22, For24, LMB22, LPD23, REK20]. **second-order** [LMB22, LPD23]. **secondary** [RY22, San21, 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** [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, Ano25r]. **sequence** [NCL20, YG25]. **sequence-dependent** [NCL20]. **sequences** [CK20a, GW21, HBG21, LDaH22]. **sequencing** [AN24, SS23, WCZL25]. **serial** [YAN21, ZZT+21]. **series** [LDaH22, Wad22]. **seroepidemiological** [YAN21]. **serological** [GFV+23]. **serovar** [KT20a]. **services** [MBT22, QHS23]. **sessile** [CG21]. **set** [MPTCT+20]. **Sets** [Rav21]. **setting** [AJR+20]. **settings** [MCM20]. **seven** [Nah20]. **severe** [BSV+24]. **sex** [ASSL22, GMMR22, Gar23, HPSA21, HPSA23, JTB25, SW22, SL23]. **sex-ratio** [JTB25]. **Sexes** [CK20b]. **sexual** [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, BD21, BGM22, FMO23, GB23, GMR+24, HC24, KTU22, Kur21, KB20, MGVS21, MGCH21, NBBR23, RH23, TAP+23, XDZ+21, ZYLW21]. **size-related** [MGCH21]. **size-spectrum** [XDZ+21]. **sizes** [LSWVB24]. **skeletal** [AG22, GHS18, GHS20, PO20, SL21]. **slave** [GFN23]. **sleep** [ASL+24, BBH+20, CBKS21, DB22b, FNGJ21, GEHL+22, MMK+24, PBB20]. **sliding** [BAU+22]. **SLIP** [SF24a]. **slow** [PZJPZ23, Sch21b, WA22]. **Slowly** [SHY21]. **slugs** [YYI21]. **small** [Avv23, BJR+22, BE22, DWNW24, Xie24]. **smegmatis** [AML+22]. **smooth** [Coh20, IHO+20, PCLL21, XSH+24]. **snapshot** [LGT21]. **Social** [CCPD22, SW22, BD21, CS20, CS21, CSVB25, CC22, CA21, DB22b, GGSTS21, GCA+20, Hoe24, IH23, JAB22, KT20b, LPLM25, LB25, ML24, OU22, PB21, SH21, TBNS23, WLW19, WLW20, Wil23, YSP+23]. **social-ecological** [JAB22, SH21]. **social-epidemiological** [PB21]. **socially** [TATT21]. **societies** [Hon20]. **socio** [DBD23]. **socio-mutualistic** [DBD23]. **sodium** [DCL23, PLSS24a, PLSS24b]. **soft** [BC21, Tsu20]. **soil** [HVTA20, MDF21, NNG20]. **soil-phosphorus** [MDF21]. **soil-transmitted** [HVTA20]. **solid** [CBZK21, HIA+22, dMQHRGA+22]. **solute** [JJR20]. **solution** [SD20, SF24a]. **solutions** [DMAC21, PLM24]. **Solving** [FS24]. **soma** [RR24, TG22]. **Somatic** [BC20, HRD+24, TS23]. **song** [MPH+22]. **source** [CRRRP+20, LMC+20, SXJ20]. **South** [LMW21]. **space** [AABG20, CCSF21, HAGADDM24, PJPH25, SKNvRL23]. **spaces** [IS20, LSW20, YTW21]. **spacing** [ABC+21, HZS+21]. **sparse** [HXK+20]. **Spatial** [ATP22, ES20, FHTK20, HVC+21, HI21, LNT23, XDZ+21, CS22, EP20, GCA+20, ILGI20, MBM+25, OYT25, PLAC22, PZ20, PJB21, RH23, SMJ20, SSBG20, WMO23, ZLYL20, ZWT24, vBW20]. **spatial-temporal** [ZWT24]. **Spatially** [ABK24, BYHH20, FSKG20, LZZ20, RB22, BB21a, 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]. **spread** [AHW21, BGB+21, BGC+20,
HPSA21, HPSA23, HFD23, ILGI20, LK25a, LK25b, MD22, MN23, PGP23,
RGBD25, RLW+21, SRDC21, SHH20, WWR+24, YTY+20]. **spreader**
[GRPG24]. **Spreading** [SS22, XML22, CGK23, CRGGSC20, FSKG20,
GCA+20, LWXM20, RB22, TT20, TATT21]. **sprouting** [NNOBS23]. **Square**
[FS22]. **Stability** [LLZS25, ASMN23, Don23, DLSA24, ES24, GZ24,
GSMG22, KRSG24, LMB22, LFT+23, MTB25, SF24a]. **stabilizes** [Sin21].
stabilizing [Bau20, BYHH20]. **stabilizing/destabilizing** [BYHH20]. **stable**
[GK21, MIP+21, MC20b, MS25, PJT25]. **staff** [WUH23]. **stage**
[EBK21, Han23, LWM23, PPS+21, Sak20, SGJ+24, SJNRS20, YDS24].
stage-dependent [LWM23]. **stage-structured** [EBK21, PPS+21]. **stages**
[MPA23, RG21, VGC22]. **stance** [GRW+21, SF24a]. **standard**
[LZL+25, MB24]. **Staphylococcus** [BJB+20, SHH20]. **state**
[AR21, CG21, DCL23, ESW24, HTD22, KPH+24, WSW21].
state-dependent [WSW21]. **state-specific** [DCL23]. **states**
[ACD20, AABG20, CKM+20, KPH+24, SOKZ22, ZL20, GFV+23, KRSSH21,
WSC+22]. **Stationary** [Sch18, Sch21a, PLM24]. **Statistical**
[GFL23, HHT25, KH20, WLJ+20, CK20a, SSKS18, SSKS20, TH20].
statistics [MZLJ20]. **status** [LS21, RDDSA25]. **Staying** [VB21]. **steady**
[ESW24, HTD22, MDF21, SOKZ22, SVHM+21]. **steady-flow** [SVHM+21].
stealing [SVHM+21]. **stem**
[ABB+22, BC20, EWK20, For24, FBC23, KCW+25, LSZ21, Lei20, Lei24,
PASO21, SK21, WvdDL+21, XZW+24, YWQX23]. **stem-cell** [LSZ21].
stem-loops [For24]. **stems** [HH21]. **stent** [LFY+24, WFL+24]. **step** [OY21].
Sterile [IIHH21]. **stevioside** [BSS+20]. **STI** [YCKK24]. **stickiness**
[HMS21]. **stiffness** [Haj20]. **stimulation** [GEHL+22, YZSS20]. **stimuli**
[TKR+21]. **stimulus** [CKM+22, DBTI21, YFZ+20]. **Stochastic**
[CK20a, GTE20, HKBK25, KGP+22, RKP20, ZG21, BKPT25, BRBF20,
DCS20, EE25, FLRR23, HII22, HHT25, HCR20, KHAK21, LS21, LFT+23,
LTB25, MH22a, MD22, MCMdAM24, MPC+24, NKE23, OGM+25, SSB20,
SBB+22, WSW21, WZP+23, WCL+25, WHH22, YWWF25, YFF25, BDB25].
stochastic-based [OGM+25]. **Stochasticity** [JAB22, Bar23, PS22a, 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, 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, KPP20, KCO25, LL21, MSL23, SKS21, ZZB+21]. **strategy-dependent** [FBMG25]. **streaming** [DLSA24]. **strength** [ASMN23, MGZ+21, STB20]. **stress** [AML+22, HH21, SLCC22, ZL20]. **stress-gradient** [SLCC22]. **stress/uniform** [ZL20]. **stresses** [MIP+21]. **stressors** [BvdG20]. **stretch** [GLLP23, ZL20]. **stroke** [WP21]. **strong** [Bar23, MIP+21]. **Structural** [CWT+23, GHA+20, CK20a, IKYW21, PB21, SVVPPR+24]. **structural-statistical** [CK20a]. **Structure** [BAJ+21, Van20, AH25, BSS+20, BK21, DBD23, EPF20, GHS18, GHS20, HPGF25, LPA25, RBG+23, San21, SY24, Tak24, WW22, WSY21, Wor20, ZF21, ZYLW21]. **Structure-function** [BAJ+21]. **structured** [AABG20, APR+22b, BB21a, BV24, CBH+22, CBH+23, CMWB25, DDDMT22, EBK21, FPGC21, FBSD22, FBD23, HK21, HTD22, LL20, LDL+24, Lio18, Lio24, LRST22, MCMdAM24, MEA21, ORW+20, PPS+21, PABS23, SSBG20, SMM+23]. **structures** [BAJ+21, FOY21, NKE23, PS22b, RK22a, RBD+20]. **strut** [WFL+24]. **studies** [BEO+22, GW20, PGC+22, XWS24]. **Study** [CWL20, AGP+23, AVP+25, Avv23, APR+22b, BJJM25, BBK23, BTS24, BCBP25, CWT+23, EP20, FNGJ21, GMMR22, GJDS20, GSR23, GDC+25, GK20, GBHNHVL23, HS20, JAW25, KBD+23, LLS+22, LX21, LRST22, MC20b, NMC+21, NKE23, NSZ+25, PCLL21, PZ20, PBB20, PO20, RBG+23, RLB25, Sch17, Sch23, SRDC21, SXL+20, SSX+22, WWR+24, WFL+24, WDH+20, WSC+22, XZZ+23, YSP+23, ZZGG21, ZQHN24, ZBT22]. **Studying** [ILGI20, KV23, HKBK25, OKT+21]. **sub** [SR24, SHY21, 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]. **subthalamic** [HGZM25]. **subtree** [CKTW24]. **Success** [BB25, BKPT25, MSM23, RP21a]. **successful** [AS21]. **succession** [PLR24]. **suction** [NNG20]. **suggests** [ELRG21, LSZ21, SAK21]. **SUMOylation** [ZZGG21]. **sunfish** [Ios21]. **Super** [AVP+25, BB25]. **super-predator** [BB25]. **Super-resolution** [AVP+25]. **superinfection** [GW20, Hen20]. **superoxide** [TH25]. **superspreading** [BFSA23, DHR25]. **supplementary** [SSX+22]. **supply** [CLLL20, KHHI25, RK22a]. **support** [BCLJ24, DAB+23, HXK+20, 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, EBK21, FGES24, KCW+25]. **temperature-driven** [BGC+20]. **Temporal** [AR20, HII22, MB22, SWK+20, BCC+21, BE22, CBK23, ILGI20, LF25, PS22a, POW23, PR21, Tsu20, WDH+20, WDA+23, ZWT24]. **temporarily** [FS24]. **tenase** [SSKP24]. **tension** [LKP+20]. **term** [BBH+20, FGC24, HD24, MPH+22, MWO21, PL20, Rav21, SXL+20].

termite [FOY21]. **terrain** [BFG21]. **terrestrial** [PCR23]. **Territorial** [ABC+21]. **tertiary** [JTB25]. **test** [MZLJ20]. **Testing** [WDA+23, BP23, CD22, CS21, CPEK23, Täu20, WUH23]. **testosterone** [Jam21]. **tethering** [KB20]. **TFT** [KR22]. **TGF** [GHB22]. **TGF-** [GHB22]. **thalamocortical** [FNGJ21, PZXC22, YZSS20]. **thanks** [CGG+25]. **their** [ABBP21, BH24, CKNCG22, CN21, Haj20, KK22b, 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, NO25]. **Theoretical** [Avv21, CPMF+22, D'A20a, Don23, GB23, GK20, GHS20, NV22, PCR23, WLW20, CCA20, CGP+20, CTL+22, CDdV23, FFR23, GCX+20, MDS25, MCL20, Pru25, dMQHRGA+22, Sal24, Tay23, ZZB+21]. **Theory** [KJV20, MPTCT+20, RK22b, Akh22, Akh23, AA22, DMPIG24, KI21, Kan21, KYI21, KP21, dGSNK22, LYYN20, Leh22, LLJ25, MB24, POS21, PLM24, RR24, TRKB25, WBKR22, ZYLW21]. **therapeutic** [TKB+20]. **therapeutics** [PRJ+20]. **therapies** [SLML20, SBM+20]. **therapy** [Ala23, ABB+22, BCGG21, BKPT25, BH20, CGGG20, DMAC21, FBC23, GSR23, HKL25, HD24, LR21, PHL+23, PGC+22, RMS+25, SC23a, SF23, SAG21, WSL25, YS25]. **thereby** [Wad22]. **Thermal** [FGES24]. **thermodynamics** [Tsu21]. **thermoperiods** [HLS+25]. **thermoplasty** [DLN20]. **thermoregulation** [BBH+20, ZM20]. **Thermotogales** [KI20]. **thick** [SC21]. **thickness** [SCD+23]. **thin** [BMB+21]. **thinning** [JME24]. **Thornley** [RLB25]. **threat** [KHB+22]. **Three** [ABBP21, Di 20, Ros22, ADP21, BSC20a, CLW+24, DAB+23, MI23, TWT23, XZW+24, YST21]. **Three-dimensional** [ABBP21, MI23]. **three-gene** [YST21]. **three-node** [ADP21]. **threshold** [CS22, GFC+22, KR22]. **thresholds** [BNPL20, Jac25, Sch25]. **thrombus** [LFY+24, WFL+24]. **throughout** [OSAR21]. **throughput** [OTI+20]. **thyroid** [YTH+21]. **tick** [CPHL+20, TNW21]. **tick-borne** [TNW21]. **tick-mouse** [CPHL+20]. **ticket** [TATT21]. **tight** [Xie20]. **Time** [FPGOCP+25, AN22a, BKP23, BJG21, BD21, BRBF20, BK20b, CK20b, CSDH+25, EWS23, FBMG25, HBG21, HD25, KG23, KK22a, KC22, Kuz24b, LR21, LDaH22, LWM23, LG23, OLF+24, PRHS20, SSLMGC25, TH21, YST21, GC20]. **Time-delay** [FPGOCP+25]. **time-delayed** [YST21]. **time-dependent** [LR21, OLF+24]. **time-lapse** [LG23]. **time-varying** [LWM23, SSLMGC25]. **timeline** [IJROTE22]. **times** [FVC20, KLC24, Sch18, Sch21a, Xie23]. **timescale** [ZSL23]. **timescales** [BA24]. **timing** [AOB21, CR20, GGSTS21, KNY25, RDDSA25]. **tip** [RCM+25, SWVW25, dJHP20]. **tipping** [DBD23]. **tissue** [BC21, BMB+21, Car23, CGGG20, DOF25, DCL23, DWNW24, GO21, HBWLLPA21, KF20, LGBG23, MI23, Osb24, SLTD22, TCH21, WZKM21]. **tissues** [CBK23, Coh20, HCSAB21, WvdDL+21, WMO23]. **TMPRSS2** [PD23]. **toe** [ASSL22]. **tolerance** [JKSD23]. **tomato** [HLS+25]. **tongue** [HZS+21]. **top** [BD22, SMJ20]. **top-down** [SMJ20]. **topics** [YSP+23].

topographically [MPC+24]. **topography** [RE25, TCMA21]. **Topological** [Ish23, SD22, BP21, Ste21a]. **topologies** [EWS23]. **topology** [dAPdBMTS20, RH23, SCH24, WLJ+20]. **tornadoes** [BSJ20]. **total** [ESW24, FGC24, LKP+20, PZJPZ23, RH23]. **toxicants** [BBB+25]. **toxicity** [MSB24]. **Trabecular** [SCD+23]. **trachomatis** [AMA20]. **Tracing** [OSAR21, AHEB+22, BGM22]. **tracing-induced** [AHEB+22]. **track** [FLO25]. **tract** [ATP22, CWF23]. **Trade** [APR+22a, ADLM24, BGB+21, Cai22, HL21, MEA21, SUA+20, WK25]. **Trade-off** [APR+22a, Cai22, MEA21, WK25]. **trade-offs** [ADLM24, SUA+20]. **Tradeoffs** [YWTC25]. **trading** [KHW+22]. **traffic** [Sch21b]. **tragedy** [KHST21]. **training** [HHT25]. **trait** [CN21, DH22, IS20, LPA25, vBBB+25]. **trait-matching** [LPA25]. **traits** [ASF22, APL21, BTS24, CN20, CN21, LMG22, LT22, MWO21, vBW20]. **transactivation** [HKBK25]. **Transcription** [ACD20, BH24, NCL20]. **Transcription-based** [ACD20]. **transcription-dependent** [BH24]. **transcriptional** [LMA21, OV25, PRFSHV20]. **Transduction** [Koc20, PTK+24, Tsu21, Wal20]. **transfer** [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, 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, 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, Ish23, PS22b, SSKS18, SSKS20, SSR21, 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]. **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]. **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]. **unique** [SS23]. **uniquely** [CP23]. **United** [GFV+23, KRSSH21, LMW21, WSC+22]. **universal** [Akh22, Akh23].

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Anonymous:2021:EBd

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Anonymous:2021:EBe

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Anonymous:2021:EBj

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Anonymous:2021:EBl

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Anonymous:2021:EBm

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Anonymous:2021:EBn

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Anonymous:2021:EBo

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Anonymous:2021:EBp

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Anonymous:2024:Jf

[Ano24e] Anonymous. 21 July 2024. *Journal of Theoretical Biology*, 589(??):??, July 21, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic).

Anonymous:2024:Jd

[Ano24f] Anonymous. 21 June 2024. *Journal of Theoretical Biology*, 587(??):??, June 21, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic).

Anonymous:2024:Mb

[Ano24g] Anonymous. 21 March 2024. *Journal of Theoretical Biology*, 581(??):??, March 21, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic).

Anonymous:2024:Md

[Ano24h] Anonymous. 21 May 2024. *Journal of Theoretical Biology*, 585(??):??, May 21, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic).

Anonymous:2024:Aa

[Ano24i] Anonymous. 7 April 2024. *Journal of Theoretical Biology*, 582(??):??, April 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic).

Anonymous:2024:Ac

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

Anonymous:2024:D

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

Anonymous:2024:Fa

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

Anonymous:2024:Ja

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

Anonymous:2024:Je

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

Anonymous:2024:Jc

[Ano24o] Anonymous. 7 June 2024. *Journal of Theoretical Biology*, 586(??):??, June 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic).

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[Ano24p] Anonymous. 7 March 2024. *Journal of Theoretical Biology*, 580(??):??, March 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic).

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[Ano24q] Anonymous. 7 May 2024. *Journal of Theoretical Biology*, 584(??):??, May 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic).

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[Ano24r] Anonymous. 7 November 2024. *Journal of Theoretical Biology*, 594(??):??, November 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic).

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[Ano24s] Anonymous. 7 October 2024. *Journal of Theoretical Biology*, 593(??):??, October 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic).

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[Ano24t] Anonymous. 7 September 2024. *Journal of Theoretical Biology*, 592(??):??, September 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic).

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[Ano24v] Anonymous. Editorial Board. *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/S0022519323002904`.

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[Ano24w] Anonymous. Editorial Board. *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/S0022519323003053`.

Anonymous:2024:EBd

[Ano24x] Anonymous. Editorial Board. *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/S0022519324000067`.

Anonymous:2024:EBe

[Ano24y] Anonymous. Editorial Board. *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/S002251932400033X`.

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[Ano24-27] Anonymous. Editorial Board. *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/S0022519324000572.

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[Ano24-29] Anonymous. Editorial Board. *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/S0022519324000821.

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[Ano24-31] Anonymous. Editorial Board. *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/S0022519324001103.

Anonymous:2024:EBl

[Ano24-32] Anonymous. Editorial Board. *Journal of Theoretical Biology*, 587(??):??, June 21, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic).

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[Ano24-33] Anonymous. Editorial Board. *Journal of Theoretical Biology*, 588(??):??, July 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519324001279.

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[Ano24-34] Anonymous. Editorial Board. *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/S0022519324001425.

Anonymous:2024:EBo

[Ano24-35] Anonymous. Editorial Board. *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/S0022519324001504.

Anonymous:2024:EBp

[Ano24-36] Anonymous. Editorial Board. *Journal of Theoretical Biology*, 591(??):??, August 21, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519324001711.

Anonymous:2024:EBq

[Ano24-37] Anonymous. Editorial Board. *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/S0022519324001899.

Anonymous:2024:EBr

[Ano24-38] Anonymous. Editorial Board. *Journal of Theoretical Biology*, 593(??):??, October 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic).

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Anonymous:2024:EBs

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Anonymous:2024:EBt

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Anonymous:2025:Ac

[Ano25a] Anonymous. 21 August 2025. *Journal of Theoretical Biology*, 611(??):??, August 21, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic).

Anonymous:2025:Fb

[Ano25b] Anonymous. 21 February 2025. *Journal of Theoretical Biology*, 599(??):??, February 21, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic).

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[Ano25c] Anonymous. 21 January 2025. *Journal of Theoretical Biology*, 597(??):??, January 21, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic).

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[Ano25d] Anonymous. 21 July 2025. *Journal of Theoretical Biology*, 609(??):??, July 21, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic).

Anonymous:2025:Jd

[Ano25e] Anonymous. 21 June 2025. *Journal of Theoretical Biology*, 607(??):??, June 21, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic).

Anonymous:2025:Mb

[Ano25f] Anonymous. 21 March 2025. *Journal of Theoretical Biology*, 601(??):??, March 21, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic).

Anonymous:2025:Md

[Ano25g] Anonymous. 21 May 2025. *Journal of Theoretical Biology*, 605(??):??, May 21, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic).

Anonymous:2025:Aa

[Ano25h] Anonymous. 7 April 2025. *Journal of Theoretical Biology*, 602–603(??):??, April 7, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic).

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[Ano25j] 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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[Ano25m] Anonymous. 7 June 2025. *Journal of Theoretical Biology*, 606(??):??, June 7, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic).

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[Ano25o] Anonymous. 7 May 2025. *Journal of Theoretical Biology*, 604(??):??, May 7, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic).

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[Ano25p] Anonymous. 7 November 2025. *Journal of Theoretical Biology*, 614(??):??, November 7, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic).

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[Ano25q] Anonymous. 7 October 2025. *Journal of Theoretical Biology*, 613(??):??, October 7, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic).

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[Ano25r] Anonymous. 7 September 2025. *Journal of Theoretical Biology*, 612(??):??, September 7, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic).

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Anonymous:2025:EBb

[Ano25t] Anonymous. Editorial Board. *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/S002251932400300X`.

Anonymous:2025:EBc

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BIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519324003102.

Anonymous:2025:EBd

[Ano25v] Anonymous. Editorial Board. *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/S0022519325000049.

Anonymous:2025:EBe

[Ano25w] Anonymous. Editorial Board. *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/S0022519325000207.

Anonymous:2025:EBf

[Ano25x] Anonymous. Editorial Board. *Journal of Theoretical Biology*, 601(??):??, March 21, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0022519325000323.

Anonymous:2025:EBg

[Ano25y] Anonymous. Editorial Board. *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/S002251932500044X.

Anonymous:2025:EBh

[Ano25z] Anonymous. Editorial Board. *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/S0022519325000670.

Anonymous:2025:EBi

[Ano25-27] Anonymous. Editorial Board. *Journal of Theoretical Biology*, 605(??):??, May 21, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic).

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Anonymous:2025:EBj

[Ano25-28] Anonymous. Editorial Board. *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/S0022519325000918.

Anonymous:2025:EBk

[Ano25-29] Anonymous. Editorial Board. *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/S0022519325001298.

Anonymous:2025:EBl

[Ano25-30] Anonymous. Editorial Board. *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/S0022519325001183.

Anonymous:2025:EBm

[Ano25-31] Anonymous. Editorial Board. *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/S0022519325001390.

Anonymous:2025:EBn

[Ano25-32] Anonymous. Editorial Board. *Journal of Theoretical Biology*, 610(??):??, August 7, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S002251932500147X.

Anonymous:2025:EBo

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Anonymous:2025:EBp

[Ano25-34] Anonymous. Editorial Board. *Journal of Theoretical Biology*, 612(??):??, September 7, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519325001900.

Anonymous:2025:EBq

[Ano25-35] Anonymous. Editorial Board. *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/S0022519325002073.

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[Ano25-36] Anonymous. Editorial Board. *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/S0022519325002073.

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[AOB21] Tristan Aft, Sorinel A. Oprisan, and Catalin V. Buhusi. Is the scalar property of interval timing preserved after hippocampus lesions? *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/S0022519321000278.

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[APB+25] Danish A. Ahmed, Sergei V. Petrovskii, Joseph D. Bailey, Michael B. Bonsall, and Phillip J. Haubrock. Bridging short- and long-distance dispersal in individual animal movement.

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Angeli:2024:WAI

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

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

Abdalgader:2022:TBC

[APR+22a] Tarteel Abdalgader, Michael Pedersen, Dongsheng Ren, Guiquan Sun, and Lai Zhang. Trade-off between climatic and human population impacts on *Aedes aegypti* life history shapes its geographic distribution. *Journal of Theoretical Biology*, 535(??):??, February 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321004070`.

Azimaqin:2022:VFS

[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-

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[AR20] Sungwoo Ahn and Leonid L. Rubchinsky. Temporal patterns of dispersal-induced synchronization in population dynamics. *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/S0022519320300151.

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[AR21] Krzysztof Argasinski and Ryszard Rudnicki. Replicator dynamics for the game theoretic selection models based on state. *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/S0022519320303957.

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[AS21] Peter Andras and Adam Stanton. Where do successful populations originate from? *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/S0022519321001569.

Allaby:2022:NCF

[ASF22] Robin G. Allaby, Chris J. Stevens, and Dorian Q. Fuller. A novel cost framework reveals evidence for competitive selection in the evolution of complex traits during plant domestication. *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/S0022519322000029.

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[ASK20] Ali Abroudi, Sandhya Samarasinghe, and Don Kulasiri. Towards abstraction of computational modelling of mammalian cell cycle: Model reduction pipeline incorporating multi-level hybrid petri nets. *Journal of Theoretical Biology*, 496(??):??, July 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print),

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[ASKG25] Diepreye Ayabina, Hasan Sevil, Adam Kleczkowski, and M. Gabriela-M. Gomes. A note on metapopulation models. *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/S0022519325001791.

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[ASL+24] Christina Athanasouli, Shelby R. Stowe, Monique K. LeBourgeois, Victoria Booth, and Cecilia G. Diniz Behn. Data-driven mathematical modeling of sleep consolidation in early childhood. *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/S0022519324001760.

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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.

Are:2023:CEP

[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*

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

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

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[AVP+25] Lachlan Arthur, Vasiliki Voulgaridou, Georgios Papageorgiou, Weiping Lu, Steven R. McDougall, and Vassilis Sboros. Super-resolution ultrasound imaging of ischaemia flow: an *in silico* study. *Journal of Theoretical Biology*, 599(??):??, February 21, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 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 pyloric motility alone, presuming antral and duodenal quiescence. *Journal of Theoretical Biology*, 508(??):??, January 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320303155`.

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

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

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

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

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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 core formation in a tumor-on-a-chip device. *Journal of Theoretical Biology*, 592(??):??, September 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519324001772`.

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

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

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[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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[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. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S002251932500164X.

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

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[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.

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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 constant branch divergence angles? *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/S0022519320304227`.

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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

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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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[BEBA20] Ilhem Bouderbala, Nadjia El Saadi, Alassane Bah, and Pierre Auger. Understanding how the collective behaviour of phytoflagellates is affected by light attenuation and diel vertical migration using individual-based modelling. *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/S0022519320300965`.

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.

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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). URL http://www.sciencedirect.com/science/article/pii/S0022519325000700.

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

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

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

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

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

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

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

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B:2025:CST

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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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[BNP+21] Arwa Abdulla Baabdulla, Hesung Now, Ju An Park, Woo-Jong Kim, Sungjune Jung, Joo-Yeon Yoo, and Thomas

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

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

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[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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[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),

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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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[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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[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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[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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[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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[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).

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

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

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[CBKS21] Courtney Cochrane, Demba Ba, Elizabeth B. Klerman, and Melissa A. St. Hilaire. An ensemble mixed effects model of sleep loss and performance. *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/S0022519320303520`.

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

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

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

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

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

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

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

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[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),

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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.

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[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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[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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[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. *Jour-*

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

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

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

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[CS21] Wongyeong Choi and Eunha Shim. Optimal strategies for social distancing and testing to control COVID-19. *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/S0022519320304239.

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[CS22] Tamás Czárán and István Scheuring. Weak selection helps cheap but harms expensive cooperation in spatial threshold dilemmas. *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/S002251932100415X.

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[CSH+25] Marni E. Cueno, Noa Shintaku, Noe Hayasaki, Yuna Migita, and Kenichi Imai. Network modeling of the different SARS-CoV-2 spike protein infection points within

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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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[DPP+25] Francesco Di Lauro, William J. M. Probert, Michael Pickles, Anne Cori, Robert Hinch, Luca Ferretti, Jasmina Panovska-Griffiths, Lucie Abeler-Dörner, Rory Dunbar, Peter Bock, Deborah J. Donnell, Helen Ayles, Sarah Fidler, Richard Hayes, and Christophe Fraser. Large con-

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

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

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

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[GRW+21] Michael Günther, Robert Rockenfeller, Tom Weihmann, Daniel F. B. Haeufle, Thomas Götz, and Syn Schmitt. Rules of nature's *Formula Run*: Muscle mechanics during late stance is the key to explaining maximum running speed.

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

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

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[GSR23] Salil Ghosh, Shubhankar Saha, and Priti Kumar Roy. Critical observation of WHO recommended multidrug therapy on the disease leprosy through mathematical study. *Journal of Theoretical Biology*, 567(??):??, June 21, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519323000929`.

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

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

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[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`.

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

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

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[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*

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

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

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[GWZ+22] Jia-Xing Gao, Zhen-Yi Wang, Michael Q. Zhang, Min-Ping Qian, and Da-Quan Jiang. A data-driven method to learn a jump diffusion process from aggregate biological gene expression data. *Journal of Theoretical Biology*, 532(??):??, January 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519321003428.

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

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

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

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

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`.

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

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

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

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

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[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`.

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

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[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`.

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[HC24] Matheus Hansen and Fabio A. C. C. Chalub. Population dynamics and games of variable size. *Journal of Theoretical Biology*, 589(??):??, July 21, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519324001231`.

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

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[HCJT23] Julio A. Hernández, Silvia Chifflet, Cristian Justet, and Alicia Torriglia. A mathematical model of wound heal-

ing 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`.

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

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

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

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[HD25] Kevin Hudnall and Raissa M. D'Souza. What does the tree of life look like as it grows? Evolution and the multifrac-

tality 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`.

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[HFD23] Asher Haun, Baylor Fain, and Hana M. Dobrovolny. Effect of cellular regeneration and viral transmission mode on viral spread. *Journal of Theoretical Biology*, 558(??):??, February 7, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322003617`.

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

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[HGD+25] Jeremy D. Harris, Esther Gallmeier, Jonathan Dushoff, Stephen J. Beckett, and Joshua S. Weitz. Infections are not

alike: the effects of covariation between individual susceptibility and transmissibility on epidemic dynamics. *Journal of Theoretical Biology*, 613(??):??, October 7, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519325001778`.

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`.

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

He:2025:SIN

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

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[HI20] Akane Hara and Yoh Iwasa. Autoimmune diseases initiated by pathogen infection: Mathematical modeling. *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/S002251932030151X`.

Hishida:2021:SDG

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

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

tronic). URL http://www.sciencedirect.com/science/article/pii/S0022519322002399.

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

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

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[HJKS20] Mustafa Hajij, Natasa Jonoska, Denys Kukushkin, and Masahico Saito. Graph based analysis for gene segment organization in a scrambled genome. *Journal of Theoretical Biology*, 494(??):??, June 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519320300709.

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

Harkess:2025:HTS

[HKBK25] Miranda Harkess, Sudha Kumari, Trilochan Bagarti, and Niraj Kumar. HIV transactivation: Stochastic modeling for studying the effects of BET inhibitors on the modulation of P-TEFb levels. *Journal of Theoretical Biology*, 599(??):??, February 21, 2025. CODEN JTBIAP. ISSN 0022-5193 (print),

1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519324002960.

Hawi:2025:ONP

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

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[HL20] Samantha Herath and Daniel Lobo. Cross-inhibition of Turing patterns explains the self-organized regulatory mechanism of planarian fission. *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/S0022519319304114.

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[HL21] Matthew H. Holden and Jakeb Lockyer. Poacher-population dynamics when legal trade of naturally deceased organisms funds anti-poaching enforcement. *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/S0022519321000400.

Hunter:2024:FRN

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

Huang:2025:NIE

[HLS+25] Ting Huang, Hengmin Lv, Yiting Shu, Jian Luo, Linxuan Yu, Bing Chen, Xin Sun, Xilin Hou, Xiong You, and Tonghua Zhang. Noise-induced entrainment of the circadian clock by

thermoperiods in tomato: a computational approach. *Journal of Theoretical Biology*, 598(??):??, February 7, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519324002844`.

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

Hurford:2023:PMR

[HMLO+23] Amy Hurford, Maria M. Martignoni, J. Concepción Loredo-Osti, Francis Anokye, Julien Arino, Bilal Saleh Husain, Brian Gaas, and James Watmough. Pandemic modelling for regions implementing an elimination strategy. *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/S0022519322003691`.

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[Hoe24] Rama Carl Hoetzlein. Flock2: a model for orientation-based social flocking. *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/S0022519324001644`.

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

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

Hay:2024:MMW

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

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

Halkola:2020:MKC

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

Halimubieke:2021:HDB

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

Halimubieke:2023:CHD

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

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[HPWvdB20] Joseph Christopher Helps, Neil D. Paveley, Sacha White, and Frank van den Bosch. Determinants of optimal insecticide resistance management strategies. *Journal of Theoretical Biology*, 503(??):??, October 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320302381`.

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

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[HS20] Hossein Hassanpoor and Maryam Saidi. An investigation into the effective role of astrocyte in the hippocampus pattern

separation process: a computational modeling study. *Journal of Theoretical Biology*, 487(??):??, February 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319304837`.

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

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[HSAH20] F. M. Hilker, T. A. Sun, L. J. S. Allen, and F. M. Hamelin. Separate seasons of infection and reproduction can lead to multi-year population cycles. *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/S002251932030014X`.

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

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

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

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

Huo:2020:SSN

[HXK+20] Yanhao Huo, Lihui Xin, Chuanze Kang, Minghui Wang, Qin Ma, and Bin Yu. SGL-SVM: a novel method for tumor classification via support vector machine with sparse group Lasso. *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/S0022519319304679`.

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

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

1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519321003994.

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[HYB25] Seyed-Saleh Hosseini-Yazdi and John EA Bertram. The consequence of uneven walking transitory modulation strategies: a simulation-based approach. *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/S0022519325002000.

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

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

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[HZS+21] Zike He, Wei Zhang, Yu Sun, Chuchu Li, Jianing Wu, and Zhigang Wu. How honey bees dip nectar: Dynamic spacing of tongue hairs facilitates to collect nectar of various viscosities. *Journal of Theoretical Biology*, 512(??):??, March 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519320303933.

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[IB21] Mark Itsko and Yuval Ben Abu. Novel type of coagulation equation and its application to DNA repeat expansion

process. *Journal of Theoretical Biology*, 511(??):??, February 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320304100`.

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

Imizcoz:2024:ORA

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

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

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[IH23] Yoh Iwasa and Rena Hayashi. Waves of infection emerging from coupled social and epidemiological dynamics. *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/S0022519322003575`.

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[IHG21] Zeynep Gökçe Islier, Wolfgang Hörmann, and Refik Güllü. Assessing intervention strategies for non-homogeneous populations using a closed form formula for R0. *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/S0022519320304161`.

Irons:2020:SBV

[IHO+20] Linda Irons, Huang Huang, Markus R. Owen, Reuben D. O'Dea, Gerald A. Meininger, and Bindi S. Brook. Switching behaviour in vascular smooth muscle cell-matrix adhesion during oscillatory loading. *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/S0022519320302423`.

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[IHO21] Yoh Iwasa, Akane Hara, and Shihomi Ozone. Virulence of a virus: How it depends on growth rate, effectors, memory cells, and immune escape. *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/S0022519321002940`.

Iwasa:2025:OSS

[IHS25] Yoh Iwasa, Rena Hayashi, and Akiko Satake. Optimal seasonal schedule for producing biogenic volatile organic compounds for tree defense. *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/S0022519324002716`.

Izquierdo:2025:PNS

[IIH25] Segismundo S. Izquierdo, Luis R. Izquierdo, and Christoph Hauert. Positive and negative selective assortment. *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/S0022519325000955`.

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[IIHH21] Yusuke Ikegawa, Koichi Ito, Chihiro Himuro, and Atsushi Honma. Sterile males and females can synergistically suppress wild pests targeted by sterile insect technique. *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/S0022519321002976`.

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[IJROTE22] Vrani Ibarra-Junquera, Diego Radillo-Ochoa, and César A. Terrero-Escalante. Evolutionary timeline of a modeled cell. *Journal of Theoretical Biology*, 551–552(??):??, ???? 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322002302`.

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[IKYW21] Natsuhiro Ichinose, Takeshi Kawashima, Tetsushi Yada, and Hiroshi Wada. Dynamical robustness and its structural dependence in biological 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/S0022519321002277`.

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[ILGI20] Stephen Ippolito, Jose Laborde, Tim Gottwald, and Michael S. Irey. Studying the spatial temporal spread of the citrus tristeza virus through ODEs and Bernoulli trials. *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/S002251932030134X`.

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[IMM24] Ciuperca S. Ionel, Moncef Mahjoub, and Tine Léon Matar. A β-protein polymerization in Alzheimer disease: Optimal control for nucleation parameter estimation. *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/S002251932400095X`.

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[Ios21] Gil Iosilevskii. A foraging ocean sunfish and the 'nearest neighbor' problem. *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/S0022519321001016`.

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[IS20] Hiroshi C. Ito and Akira Sasaki. Evolutionary branching in distorted trait spaces. *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/S0022519320300084`.

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[ISC23] Gideon Idumah, Erkki Somersalo, and Daniela Calvetti. A spatially distributed model of brain metabolism highlights the role of diffusion in brain energy metabolism. *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/S0022519323001649`.

Ishii:2023:TAV

[Ish23] Yuichiro Ishii. Topological analysis of vertebrate phylogenetic trees utilizing Horton's first law. *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/S0022519323000152`.

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[IY22] Yoh Iwasa and Sachi Yamaguchi. Evolution of male nuptial gift and female remating: a quantitative genetic 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/S0022519321003581`.

Islam:2025:FAP

[IYL+25] Rafiqul Islam, Junyuan Yang, Miao Li, Sri Prakash Mokshagundam, Lu Cai, and Jiaxu Li. Fatty acids and phys-

ical activity are critical for β-cell mass and insulin sensitivity: Pathways to T2D and prevention. *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/S0022519325001547`.

Iwasa:2022:EGL

[IYY22] Yoh Iwasa, Yoichi Yusa, and Sachi Yamaguchi. Evolutionary game of life-cycle types in marine benthic invertebrates: Feeding larvae versus nonfeeding larvae versus direct development. *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/S0022519322000170`.

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[JA23] Jianfei Jiang and Christof M. Aegerter. An integrated vertex model of the mesoderm invagination during the embryonic development of *Drosophila*. *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/S0022519323001789`.

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[JAB22] Kamal Jnawali, Madhur Anand, and Chris T. Bauch. Stochasticity-induced persistence in coupled social-ecological systems. *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/S0022519322000868`.

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[Jac25] Tristen M. Jackson. Kinetics, thresholds, and a comparison of mechanisms underlying systemic infection by *Listeria* monocytogenes. *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/S0022519324002947`.

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[Jam21] William H. James. Does testosterone in males facilitate evolution by natural selection? *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/S0022519321002836`.

Ji:2025:HAS

[JAW25] Juping Ji, Shohel Ahmed, and Hao Wang. A hybrid approach to study and forecast climate-sensitive norovirus infections in the USA. *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/S0022519324002923`.

Jiao:2020:PPR

[JCC20] Yuhang Jiao, Tong Chen, and Qiao Chen. Probabilistic punishment and reward under rule of trust-based decision-making in continuous public goods game. *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/S0022519319304722`.

Jordan-Cooley:2011:BDE

[JCLS+11] William C. Jordan-Cooley, Romuald N. Lipcius, Leah B. Shaw, Jian Shen, and Junping Shi. Bistability in a differential equation model of oyster reef height and sediment accumulation. *Journal of Theoretical Biology*, 289(??):1–11, November 21, 2011. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519311004085`. See correction [JCLS+21].

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[JCLS+21] William C. Jordan-Cooley, Romuald N. Lipcius, Leah B. Shaw, Jian Shen, and Junping Shi. Corrigendum to "Bistability in a differential equation model of oyster reef height and sediment accumulation" [J. Theor. Biol. **289** (2011) 1–11]. *Journal of Theoretical Biology*, 525(??):??, September

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[JD21] Benjamin Jessie and Hana M. Dobrovolny. The role of syncytia during viral infections. *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/S0022519321001715.

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[JFCK20] Adrianne L. Jenner, Federico Frascoli, Adelle C. F. Coster, and Peter S. Kim. Enhancing oncolytic virotherapy: Observations from a Voronoi cell-based 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/S0022519319304217.

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[JHFMP+21] Kenia L. Juayerk-Herrera, Gerardo J. Félix-Martínez, Arturo Picones, José L. Del-Río-Correa, and J. Rafael Godínez-Fernández. Deterministic modeling of single-channel and whole-cell currents. *Journal of Theoretical Biology*, 508(??):??, January 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519320303143.

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[JJR20] Shripad Joshi, Kung-Ming Jan, and David Rumschitzki. Pre-atherosclerotic flow and oncotically active solute transport across the arterial endothelium. *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/S0022519320301302.

Jung:2023:MSE

[JKH+23] Seungpil Jung, Jong-Hoon Kim, Seung-Sik Hwang, Junyoung Choi, and Woojoo Lee. Modified susceptible-exposed-

infectious-recovered model for assessing the effectiveness of non-pharmaceutical interventions during the COVID-19 pandemic in Seoul. *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/S0022519322003204`.

Jonas:2023:MAI

[JKSD23] Daniel Jonas, Michael Kirby, Alan R. Schenkel, and Gerhard Dangelmayr. Modeling of adaptive immunity uncovers disease tolerance mechanisms. *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/S0022519323000942`.

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[LNT23] Dieu Huong Le, Trong Hieu Nguyen, and Fugo Takasu. Spatial metapopulation dynamics with local and global colonization. *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/S0022519323001765`.

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[LPA25] Christophe Laplanche, Benjamin Pey, and Robin Aguilée. Emergence of food webs with a multi-trophic hierarchical structure driven by nonlinear trait-matching. *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/S0022519325000578`.

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[LPBMA21] Laura Lema-Perez, Carlos E. Builes-Montaño, and Hernan Alvarez. A phenomenological-based semi-physical model of the kidneys and its role in glucose metabolism. *Journal of Theoretical Biology*, 508(??):??, January 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320303441`.

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[LPD23] Julien Lie-Panis and Jean-Louis Dessalles. Runaway signals: Exaggerated displays of commitment may result from second-order signaling. *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/S0022519323001832`.

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[LPLM25] Alberto Landi, Giulio Pisaneschi, Marco Laurino, and Piero Manfredi. Optimal social distancing in pandemic preparedness and lessons from COVID-19: Intervention intensity and infective travelers. *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/S0022519325000384`.

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[LPSMCP23] Juan Uriel Legaria-Peña, Félix Sánchez-Morales, and Yuriria Cortés-Poza. Evaluation of entropy and fractal dimension as biomarkers for tumor growth and treatment response using cellular automata. *Journal of Theoretical Biology*, 564(??):??, May 7, 2023. CODEN JTBIAP. ISSN 0022-5193 (print),

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[LR25] Kamila Larripa and Anca Rădulescu. A mathematical model of microglia glucose metabolism and lactylation with positive feedback. *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/S0022519325000153.

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[LRAP22] Thomas C. Lacy, Peter A. Robinson, Kevin M. Aquino, and James C. Pang. Cortical depth-dependent modeling of visual hemodynamic responses. *Journal of Theoretical Biology*, 535(??):??, February 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519321003982.

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[LRST22] Francesca A. Lovell-Read, Silvia Shen, and Robin N. Thompson. Estimating local outbreak risks and the effects of non-pharmaceutical interventions in age-structured populations: SARS-CoV-2 as a case study. *Journal of Theoretical Biology*, 535(??):??, February 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519321004033.

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[LS21] Ayoub Lasri and Marc Sturrock. The influence of methylation status on a stochastic model of MGMT dynamics in glioblastoma: Phenotypic selection can occur with and

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[LS25a] Clara R. Lotter and Jonathan A. Sherratt. Pulmonary epithelial wound healing and the immune system. Mathematical modeling and bifurcation analysis of a bistable system. *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/S0022519324002534`.

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[LS25b] Lanjiang Luo and Jianwei Shen. Decoding cancer dynamics: the role of miRNA in E2F/Myc networks and bifurcation points. *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/S0022519325001857`.

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[LSW20] Joseph Lachance, Corinne N. Simonti, and Joshua S. Weitz. Large sample spaces do not imply biological systems are 'fine-tuned'. *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/S002251932030312X`.

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[LSWVB24] Steffen Lange, Jannik Schmied, Paul Willam, and Anja Voss-Böhme. Minimal cellular automaton model with heterogeneous cell sizes predicts epithelial colony growth. *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/S0022519324001668`.

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[LSZ21] Dávid Lehotzky, Rifat Sipahi, and Günther K. H. Zupanc. Cellular automata modeling suggests symmetric stem-cell di-

vision, cell death, and cell drift as key mechanisms driving adult spinal cord growth in teleost fish. *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/S0022519320303295`.

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[LT22] Sara L. Loo and Mark M. Tanaka. The role of a programmatic immune response on the evolution of pathogen traits. *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/S0022519321003829`.

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[LT23] Brandon Legried and Jonathan Terhorst. Identifiability and inference of phylogenetic birth-death models. *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/S0022519323001169`.

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[LTB25] Deze Liu, Mohammad Tuqan, and Daniel Burbano. Learning to hunt: a data-driven stochastic feedback control model of predator–prey interactions. *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/S0022519324003060`.

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[LTS+21] Thomas Leyshon, Elisa Tonello, David Schnoerr, Heike Siebert, and Michael P. H. Stumpf. The design principles of discrete Turing patterning systems. *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/S0022519321003209`.

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[LW20] Frithjof Lutscher and Xiaoying Wang. Reactivity of communities at equilibrium and periodic orbits. *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/S0022519320300953`.

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[LWM23] Ao Li, Jianhong Wu, and Seyed M. Moghadas. Epidemic dynamics with time-varying transmission risk reveal the role of disease stage-dependent infectiousness. *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/S0022519323001911`.

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[LWXM20] Meili Li, Manting Wang, Shuyang Xue, and Junling Ma. The influence of awareness on epidemic spreading on random 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/S002251931930459X`.

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[LX21] Tangjuan Li and Yanni Xiao. Linking the disease transmission to information dissemination dynamics: an insight from a multi-scale model 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/S0022519321002150`.

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[LYE+24] Lloyd Lee, Ryan Yoast, Scott Emrich, Mohamed Trebak, Vivien Kirk, and James Sneyd. Emergence of broad cytosolic Ca^{2+} oscillations in the absence of CRAC channels: a model for CRAC-mediated negative feedback on PLC and Ca^{2+} oscillations through PKC. *Journal of Theoretical Biology*, 581(??):??, March 21, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (elec-

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[LYYN20] Joung Hun Lee, Ryo Yamaguchi, Hiroyuki Yokomizo, and Mayuko Nakamaru. Preservation of the value of rice paddy fields: Investigating how to prevent farmers from abandoning the fields by means of evolutionary game theory. *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/S0022519320301028.

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[LZ23] Yanzhao Lv and Zupeng Zhou. Humeri under external load: Mechanical implications of differing bone curvature in American otter and honey badger. *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/S0022519322003496.

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[LZL+25] Li Li, Na Zheng, Chen Liu, Zhen Wang, and Zhen Jin. Optimal control of vaccination for an epidemic model with standard incidence rate. *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/S0022519324002789.

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[LZW23] Ruijin Lu, Hongxiao Zhu, and Xiaowei Wu. Estimating mutation rates in a Markov branching process using approximate Bayesian computation. *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/S0022519323000632.

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[LZZ20] Chentong Li, Yingying Zhang, and Yicang Zhou. Spatially antiviral dynamics determines HCV in vivo replication and

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[LZZ+23] Zhaowan Li, Jianguo Zhao, Yuhao Zhou, Lina Tian, Qihuai Liu, Huaiping Zhu, and Guanghu Zhu. Adaptive behaviors and vaccination on curbing COVID-19 transmission: Modeling simulations in eight countries. *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/S0022519322003708`.

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[MAHMH20] Ghazal Montaseri, Juan Carlos López Alfonso, Haralampos Hatzikirou, and Michael Meyer-Hermann. A minimal modeling framework of radiation and immune system synergy to assist radiotherapy planning. *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/S0022519319304680`.

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[Mar24] Agostino Martinelli. Revisiting the observability and identifiability properties of a popular HIV model. *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/S0022519324000614`.

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[MB21] Francis Mairet and Térence Bayen. The promise of dawn: Microalgae photoacclimation as an optimal control problem of resource allocation. *Journal of Theoretical Biology*, 515(??):??, April 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321000199`.

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[MB22] Adi Mukund and Lacramioara Bintu. Temporal signaling, population control, and information processing through chromatin-mediated gene regulation. *Journal of Theoretical Biology*, 535(??):??, February 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321003970`.

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[MB24] Lisa Blum Moyse and Hugues Berry. A coupled neural field model for the standard consolidation theory. *Journal of Theoretical Biology*, 588(??):??, July 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519324000997`.

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[MBF21] Christopher Mayer-Bacon and Stephen J. Freeland. A broader context for understanding amino acid alphabet optimality. *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/S0022519321000837`.

Mosleh:2024:EID

[MBHG+24] Rahele Mosleh, Mortaza Baky-Haskuee, Abbas Ghasemi, Martin Grunnill, Julien Arino, Mohammadali Tofighi, Edward W. Thommes, and Jianhong Wu. Evaluating infectious disease outbreak potential and mitigation effectiveness on cruise ships. *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/S0022519324001590`.

Michael:2025:RTA

[MBM+25] Christian T. Michael, Maral Budak, Pauline Maiello, Kara Kracinovsky, Mark Rodgers, Jaime Tomko, Philana Ling Lin, JoAnne Flynn, Jennifer J. Linderman, and Denise Kirschner. Rankings of tuberculosis antibiotic treatment regimens are

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[MBMA25] Davide Marenduzzo, Aidan T. Brown, Craig W. Miller, and Graeme J. Ackland. Oscillation in the SIRS model. *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/S0022519325001353`.

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

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[MC20a] Andrea Mazzolini and Antonio Celani. Generosity, selfishness and exploitation as optimal greedy strategies for resource sharing. *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/S0022519319304102`.

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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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[MC22] Estefanía Muñoz and Jorge Carneiro. Plant-microbe symbiosis widens the habitability range of the Daisyworld. *Journal*

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Melfo:2020:IBN

[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`.

Meehan:2020:PSI

[MCM20] Michael T. Meehan, Robert C. Cope, and Emma S. McBryde. On the probability of strain invasion in endemic settings: Accounting for individual heterogeneity and control in multistrain dynamics. *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/S0022519319304783`.

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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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[MCO21] Claire Miller, Edmund Crampin, and James M. Osborne. Maintaining the proliferative cell niche in multicellular models of epithelia. *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/S0022519321002265`.

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[MCP20] Francesco Montefusco, Giuliana Cortese, and Morten G. Pedersen. Heterogeneous alpha-cell population modeling of glucose-induced inhibition of electrical activity. *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/S0022519319304059`.

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[MD22] Raeesa Manjoo-Docrat. A spatio-stochastic model for the spread of infectious diseases. *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/S0022519321003623`.

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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`.

Mohsin:2024:STV

[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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[MF21] Nicolae Moise and Avner Friedman. A mathematical model of the multiple sclerosis plaque. *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/S0022519320303878`.

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[MF22] Nicolae Moise and Avner Friedman. A mathematical model of immunomodulatory treatment in myocardial infarction. *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/S0022519322001205`.

Mangrum:2024:MHA

[MF24] Diamond S. Mangrum and Stacey D. Finley. Modeling the heterogeneous apoptotic response of caspase-mediated signaling in tumor cells. *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/S0022519324001383`.

Marquez-Florez:2023:CMA

[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`.

Milne:2021:CPA

[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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[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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[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.

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[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].

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

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[POS21] Karan Pattni, Christopher E. Overton, and Kieran J. Sharkey. Evolutionary graph theory derived from eco-evolutionary dynamics. *Journal of Theoretical Biology*, 519

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

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

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

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[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 Theoret-*

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

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

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

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[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-

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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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[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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[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.

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

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[PZXC22] Yufeng Pan, Hudong Zhang, Yan Xie, and Yuan Chai. Role of coupling distances in a coupled thalamocortical network in the treatment of epilepsy. *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/S0022519322002041`.

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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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[RB22] Arsalan Rahimabadi and Habib Benali. Comment on the article "Spatially-extended nucleation–aggregation–fragmentation models for the dynamics of prion-like neurodegenerative protein-spreading in the brain and its connectome **486** (2020) 110102". *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/S0022519321003854`. See [FSKG20].

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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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[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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[RH23] Alfonso Ruiz-Herrera. The role of the spatial topology in trophic metacommunities: Species with reduced mobility and total population size. *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/S0022519323000759`.

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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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[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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[RKP20] Adélaïde Raguin, Norbert Kern, and Andrea Parmeggiani. Stochastic modelling of collective motor protein transport through a crossing of microtubules. *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/S0022519320302253`.

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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), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519325000487`.

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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

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[Ros21] Eric Rosenberg. On deriving Murray's law from constrained minimization of flow resistance. *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/S0022519320304185.

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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 (elec-

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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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[RRZDF20] Javier Ruiz-Ramírez, Arturas Ziemys, Prashant Dogra, and Mauro Ferrari. A modeling platform for the lymphatic system. *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/S0022519320300485.

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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),

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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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tronic). 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.

Sole:2021:ECD

[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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[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`.

Simpson:2022:REP

[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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[SBJR21] Shan Sun, Mark Broom, Michal Johanis, and Jan Rychtár. A mathematical model of kin selection in floral displays. *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/S0022519320303258`.

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[SBM+20] Jesse A. Sharp, Alexander P. Browning, Tarunendu Mapder, Christopher M. Baker, Kevin Burrage, and Matthew J. Simpson. Designing combination therapies using multiple optimal controls. *Journal of Theoretical Biology*, 497(??):??, July

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[SBSB23] Milad Soltanzadeh, Solenna Blanchard, Jean-Paul Soucy, and Habib Benali. Lactate's behavioral switch in the brain: an *in-silico* 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/S002251932300245X.

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[SBW+22a] Matthew J. Simpson, Alexander P. Browning, David J. Warne, Oliver J. Maclaren, and Ruth E. Baker. Parameter identifiability and model selection for sigmoid population growth models. *Journal of Theoretical Biology*, 535(??):??, February 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519321004185.

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

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[SC21] João Serôdio and Douglas A. Campbell. Photoinhibition in optically thick samples: Effects of light attenuation on chlorophyll fluorescence-based parameters. *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/S0022519321000023.

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[SC23a] Brock D. Sherlock and Adelle C. F. Coster. Oncolytic virus treatment of human breast cancer cells: Modelling therapy

efficacy. *Journal of Theoretical Biology*, 560(??):??, March 7, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S002251932200385X`.

Sibly:2023:AFS

[SC23b] Richard M. Sibly and Robert N. Curnow. Allele frequencies and selection coefficients in locally adapted populations. *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/S0022519323000590`.

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[SCD+23] John G. Skedros, John T. Cronin, Michael R. Dayton, Roy D. Bloebaum, and Kent N. Bachus. Exploration of the synergistic role of cortical thickness asymmetry ("Trabecular Eccentricity" concept) in reducing fracture risk in the human femoral neck and a control bone (Artiodactyl Calcaneus). *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/S0022519323000917`.

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[Sch17] Lawrence S. Schulman. Bacterial resistance to antibodies: a model evolutionary study. *Journal of Theoretical Biology*, 417(??):61–67, March 21, 2017. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S002251931730022X`. See corrigendum [Sch23].

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[Sch18] Brandon H. Schlomann. Stationary moments, diffusion limits, and extinction times for logistic growth with random catastrophes. *Journal of Theoretical Biology*, 454(??):154–163, October 7, 2018. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519318302996`. See corrigendum [Sch21a].

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[Sch21b] G. M. Schütz. Molecular motor traffic with a slow binding site. *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/S0022519321000667`.

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[SCH24] Min Su, Xiaowei Chen, and Cang Hui. Persistent biological invasions alter ecological network topology, impacting disease transmission during community assembly. *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/S0022519324002352`.

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[Sch25] Sebastian J. Schreiber. Bounded environmental stochasticity generates secondary Allee thresholds. *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/S0022519325001948`.

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[SCHH20] Zilong Song, Xiulei Cao, Tzyy-Leng Horng, and Huaxiong Huang. Electric discharge of electrocytes: Modelling, analysis and simulation. *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/S0022519320301491`.

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[Sco24] Thomas W. Scott. Crozier's paradox and kin recognition: Insights from simplified models. *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/S002251932400016X`.

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[SD20] Harald Schmid and Hana M. Dobrovolny. An approximate solution of the interferon-dependent viral kinetics model of influenza. *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/S0022519320301211`.

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[SD25] Rupchand Sutradhar and D. C. Dalal. Exploration of hepatitis B virus infection dynamics through an intracellular model. *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/S0022519325001559`.

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[SdAM24] Luis Francisco Prado Salles, Marcus Aloizio Martinez de Aguiar, and Flavia Maria Darcie Marquitti. Evolution of cooperation in a two-species system with a common resource pool. *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/S0022519323002679`.

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[SdB23] Juliane Schröter and Rob J. de Boer. What explains the poor contraction of the viral load during paediatric HIV infection? *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/S0022519323001170`.

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[SF23] Nourridine Siewe and Avner Friedman. Cancer therapy with immune checkpoint inhibitor and CSF-1 blockade: a mathematical 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/S0022519322002880`.

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[SF24a] Alessandro Maria Selvitella and Kathleen Lois Foster. An approximate solution of the SLIP model under the regime of linear angular dynamics during stance and the stability of symmetric periodic running gaits. *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/S0022519324002194`.

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[SF24b] Nourridine Siewe and Avner Friedman. A mathematical model of obesity-induced type 2 diabetes and efficacy of anti-diabetic weight reducing drug. *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/S0022519324000377`.

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

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[SSB20] Anurag Sau, Bapi Saha, and Sabyasachi Bhattacharya. An extended stochastic Allee model with harvesting and the risk of extinction of the herring population. *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/S0022519320302307.

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[SSK+25] Fabian Sturman, Ben Swallow, Cliff Kerr, Robyn M. Stuart, and Jasmina Panovska-Griffiths. Can pruning improve agent-based models' calibration? An application to HPVsim.

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[SWVW25] Kamryn Spinelli, Chaozhen Wei, Luis Vidali, and Min Wu. Inferring exocytosis profiles from cell shapes using a dual-configuration model of walled cell tip growth. *Journal of Theoretical Biology*, 612(??):??, September 7, 2025. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519325001626`.

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[SXL+20] Mingwang Shen, Ruyi Xia, Zheng Luo, Hongmei Zeng, Wenqiang Wei, Guihua Zhuang, Lei Zhang, and Wanqing Chen. The long-term population impact of endoscopic screening programmes on disease burdens of gastric cancer in China: a mathematical modelling study. *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/S0022519319303467`.

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[SYH20] Min Su, Yuanqi Yang, and Cang Hui. How intraguild predation affects the host diversity–disease relationship in a multihost community. *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/S0022519320300308.

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[SYI20] Tokuharu Sekiya, Sachi Yamaguchi, and Yoh Iwasa. Bovine mastitis and optimal disease management: Dynamic programming analysis. *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/S0022519320301478.

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[SZR+25] Xiaodan Sun, Weike Zhou, Yuhua Ruan, Guanghua Lan, Qiuying Zhu, and Yanni Xiao. Perceived risk induced multiscale model: Coupled within-host and between-host dynamics and behavioral dynamics. *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/S0022519324002832.

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[Tak24] Nao Takashina. Effects of delay and error in the feedback structure of ecological management. *Journal of Theoretical Biology*, 595(??):??, December 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic).

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[TAP+23] Daiki Tatematsu, Marwa Akao, Hyeongki Park, Shingo Iwami, Keisuke Ejima, and Shoya Iwanami. Relationship between the inclusion/exclusion criteria and sample size in randomized controlled trials for SARS-CoV-2 entry inhibitors. *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/S0022519322003940.

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[TATT21] Yuichi Tatsukawa, Md. Rajib Arefin, Masaki Tanaka, and Jun Tanimoto. Free ticket, discount ticket or intermediate of the best of two worlds — which subsidy policy is socially optimal to suppress the disease spreading? *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/S0022519321001041.

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[Tay23] David Taylor. Mechanical fatigue in trees mitigated by annual growth: a theoretical model. *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/S0022519323001194.

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[TBNS23] Zoltán Tóth, Roland Bartók, Zsófia Nagy, and Viktor R. Szappanos. The relative importance of social information use for population abundance in group-living and non-grouping

prey. *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/S0022519323002230`.

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[TCH21] David Terman, Liam Chen, and Yousef Hannawi. Mathematical modeling of cerebral capillary blood flow heterogeneity and its effect on brain tissue oxygen levels. *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/S0022519321002368`.

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[TCMA21] Thomas Thenard, Anita Catapano, Michel Mesnard, and Rachele Allena. A Cellular Potts energy-based approach to analyse the influence of the surface topography on single cell motility. *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/S0022519320303428`.

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[TDRC23] Bikash Thakuri, Jayanta Kumar Das, Amit Kumar Roy, and Amit Chakraborty. Circulating renin-angiotensin systems mediated feedback controls over the mean-arterial pressure. *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/S0022519323001868`.

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[Ter23] David Terman. Modeling the response of homogeneous and heterogeneous cerebral capillary networks to local changes in vessel diameters. *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/S0022519323001054`.

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[TEWN21] Miranda I. Teboh-Ewungkem, Woldegebriel Assefa Woldegerima, and Gideon A. Ngwa. Mathematical assessment

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[TKB+20] Pooja Tanwer, Sree Rohit Raj Kolora, Anshu Babbar, Daman Saluja, and Uma Chaudhry. Identification of potential therapeutic targets in *Neisseria gonorrhoeae* by an *in-silico* approach. *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/S002251932030028X`.

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[TKR+21] Harrison Tuckman, Jungmin Kim, Aaditya Rangan, Hong Lei, and Mainak Patel. Dynamics of sensory integration of olfactory and mechanical stimuli within the response patterns of moth antennal lobe neurons. *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/S0022519320303659`.

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[TKRA20] N. Tsur, Y. Kogan, M. Rehm, and Z. Agur. Response of patients with melanoma to immune checkpoint blockade — insights gleaned from analysis of a new mathematical mechanistic 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/S0022519319304023`.

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[TML20] Pei Yen Tan, Marcos, and Yu Liu. Modelling bacterial chemotaxis for indirectly binding attractants. *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/S0022519319304898`.

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[TMTK22] Chai Jian Tay, Mohd Hafiz Mohd, Su Yean Teh, and Hock Lye Koh. Internal phosphorus recycling promotes rich and complex dynamics in an algae-phosphorus model: Implications for eutrophication management. *Journal of*

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[TNW21] Marco Tosato, Kyeongah Nah, and Jianhong Wu. Are host control strategies effective to eradicate tick-borne diseases (TBD)? *Journal of Theoretical Biology*, 508(??):??, January 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320303386`.

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

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[TRKB25] Arne Traulsen, Mikkel Nif Rasmussen, Joachim Krug, and Andreas Beyer. On the misuse of evolutionary theory to bolster the 'scientific' case for intelligent design: a cautionary note. *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/S0022519324002704`. See [HBG21].

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[TS23] Sou Tomimoto and Akiko Satake. Modelling somatic mutation accumulation and expansion in a long-lived tree

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[Tsu20] Satoru Tsugawa. Suppression of soft spots and excited modes in the shape deformation model with spatio-temporal growth noise. *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/S0022519319304618`.

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[Tsu21] Tatsuaki Tsuruyama. Nonlinear thermodynamics of biological signal transduction for predicting conservation of entropy production rate. *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/S0022519321001387`.

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[TT20] Masaki Tanaka and Jun Tanimoto. Is subsidizing vaccination with hub agent priority policy really meaningful to suppress disease spreading? *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/S002251931930428X`.

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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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[TTBL21] Hyacinthe M. Ndongmo Teytsa, Berge Tsanou, Samuel Bowong, and Jean Lubuma. Coupling the modeling of phage-bacteria interaction and cholera epidemiological model

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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 JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322003277`.

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[UIY22] Yuka Uchiyama, Yoh Iwasa, and Sachi Yamaguchi. Optimal composition of chloride cells for osmoregulation in a randomly fluctuating environment. *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/S0022519322000145`.

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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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[VA22] Rafael Ventura and Erol Akcay. A cognitive-evolutionary model for the evolution of teaching. *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/S0022519321003520`.

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[Van20] Antony Van der Mude. Structure encoding in DNA. *Journal of Theoretical Biology*, 492(??):??, May 7, 2020. CO-

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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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[VCS24] Aram Vajdi, Lee W. Cohnstaedt, and Caterina M. Scoglio. Assessing dengue risk globally using non-Markovian models. *Journal of Theoretical Biology*, 591(??):??, August 21, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519324001462.

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[vdBMB+23] Frank van den Bosch, Neil McRoberts, Yoann Bourhis, Stephen Parnell, and Kirsty L. Hassall. The value of volunteer surveillance for the early detection of biological invaders. *Journal of Theoretical Biology*, 560(??):??, March 7, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322003769`.

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[vdVPW+22] Solveig A. van der Vegt, Liudmila Polonchuk, Ken Wang, Sarah L. Waters, and Ruth E. Baker. Mathematical modelling of autoimmune myocarditis and the effects of immune checkpoint inhibitors. *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/S0022519321004227`.

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[VG25] Alexei Vazquez and Tomás Gedeon. Geometrically balanced model of cell growth. *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/S0022519325000517`.

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[VGC22] Chiara Villa, Alf Gerisch, and Mark A. J. Chaplain. A novel nonlocal partial differential equation model of endothelial progenitor cell cluster formation during the early stages of vasculogenesis. *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/S0022519321003830`.

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[VGTY21] Thomas N. Vilches, Carlos Graeff-Teixeira, and Hyun Mo Yang. Assessing the effects of diagnostic sensitivity on schistosomiasis dynamics. *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/S0022519321001491`.

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[VKS+20] Safar Vafadar, Kaveh Kavousi, Hadiseh Safdari, Ata Kalirad, and Mehdi Sadeghi. From indication to decision: a hierarchical approach to model the chemotactic behavior of *Escherichia coli*. *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/S0022519320301089`.

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[VMRSL23] Wencel Valega-Mackenzie, Karen Ríos-Soto, and Suzanne Lenhart. Optimal control applied to Zika virus epidemics in Colombia and Puerto Rico. *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/S0022519323002448`.

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[Vol24] V. Volpert. Mathematical model of repressive response to collective action and protest waves. *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/S0022519324002558`.

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[VP22] Gabriele Vissio and Antonello Provenzale. On–off intermittency and irruptions in host–parasitoid dynamics. *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/S0022519322001722`.

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[VTDM21] Haswanth Vundavilli, Lokesh P. Tripathi, Aniruddha Datta, and Kenji Mizuguchi. Network modeling and inference of peroxisome proliferator-activated receptor pathway in high fat diet-linked obesity. *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/S0022519321000692`.

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