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

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

Tel: +1 801 581 5254
FAX: +1 801 581 4148

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

03 September 2024
Version 1.54

Title word cross-reference

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

-catenin [CSF20]. **-cells** [FVB20]. **-Dimensional** [AFTF22]. **-protein** [IMM24]. **-serovar** [KT20a]. **-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, DAB+23, DTS21, DPR21, DJ22, ECH+23, GSW+23, GGSTS21, JKH+23, KPA+21, KBW+23, 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, DNK+24, GFV+23, GFC+22, Hil23, JMWX23, Kee23, KBD+23, LRST22, PWC+23, 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, Ano24c, Ano24l, Ano24d, Ano24n, Ano24f, Ano24m, Ano24e, Ano24o, Ano24g, Ano24p, Ano24h, Ano24q, Ano24r, Ano24s]. **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]. **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].

7 [Ano20m, Ano20n, Ano20o, Ano20p, Ano20q, Ano20s, Ano20r, Ano20t,

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9 [SMS20].

abandoning [LYYN20]. **abdominal** [HBWLLPA21]. **abductive** [PAM24]. **abnormal** [HRD+24]. **abruptness** [STB20]. **absence** [LYE+24]. **absenteeism** [AMR+23]. **abstraction** [ASK20]. **abundance** [KL21b, SS21, TBNS23, vBW20]. **abundance-dependent** [SS21]. **abuse** [UV23]. **acceleration** [KP21]. **according** [LKP+20]. **account** [BKP23, KK23]. **Accounting** [MCM20, WHH22]. **accumulation** [JCLS+11, JCLS+21, PS22b, TS23]. **accuracy** [GFV+23]. **accurately** [LHG+22]. **ACE2** [PRJ+20]. **acetaminophen** [GBRM21]. **acid** [CWT+23, MBF21]. **acquires** [APF+24]. **across** [AMR+23, BYHH20, JJR20, KPH+24, PJB21, RWHK21, Wor20, XML22, ZZT+21]. **actin** [RBG+23, dLFO21]. **acting** [Sak20, Sak22a, Sak22b]. **action** [RS24]. **activated** [VTDM21]. **activating** [SHY21]. **activation** [AAL+21, BCK24, CPMF+22, DB22a, KB20, MP22, SBC+20, SSKP24]. **Active** [MI20, AJR+20, JJR20]. **activities** [SSX+22, ZSL23]. **activity** [AKHM23, MCP20, PR21, YLZ+21]. **acute** [BLP20, PBB20]. **adapt** [Haj20]. **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]. **ADHD** [AGTJ23]. **adherence** [YHT24]. **adhesion** [IHO+20, PJB21]. **adhesive** [SK23]. **adipocyte** [GMR+24]. **adiponectin** [SNK20]. **Adipose** [DWNW24, HBWLLPA21]. **adjacent** [KMA+21]. **adjustments** [SW22]. **administration** [BLP20]. **adrenergic** [MCL21]. **adult** [LSZ21, WMHV24]. **advanced** [KT20b]. **advantage** [KPP20, MGCH21, ZWC+22]. **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, SYH20]. **African** [ZRL+21]. **after** [AOB21, BPP+20, CNK24, CPMF+22, HHI24, WP21]. **against** [BPP+20, KT20a, KK22b, MMI22, OKF+21, PRJ+20, PGC+22]. **Age** [APR+22b, DRK23, BK21, DDDMT22, DKSP24, HK21, LRST22, PLSS24a, PLSS24b, SSBG20, WSY21, ZF21]. **age-related** [PLSS24a, PLSS24b]. **Age-structured** [APR+22b, DDDMT22, HK21, LRST22, SSBG20]. **aged** [WMHV24]. **ageing** [BC20]. **agent** [Ala20, GTGB21, GGG21, IH21, Pro24, SLML20, TT20]. **agent-based**

[Ala20, GTGB21, GGG21, IH21]. **agent-model** [SLML20]. **aggregate** [GWZ+22]. **aggregates** [Kuz24a]. **aggregation** [BERR20, FSKG20, ND22, RB22]. **aggregations** [AKHM23]. **aggregative** [CRDD22]. **Aging** [BF20, JSCW21]. **Aging-induced** [JSCW21]. **agricultural** [BB21b]. **AIDS** [ZXLH23]. **aimed** [AHW21]. **air** [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]. **Algorithmic** [Pat22]. **alignment** [KF20]. **Allee** [AHEB+22, Leh21, LG23, MH22a, SSB20, YM23, ZM20]. **Allele** [SC23b, Sak22b]. **allocation** [CD22, FHTK20, KHST21, MB21]. **allografts** [GYY+23]. **allows** [KK22b]. **alone** [Avv21]. **along** [HI21, LKP+20]. **alpha** [CWT+23, MCP20]. **alpha-cell** [MCP20]. **alphabet** [MBF21]. **alternate** [EHA+21]. **alternative** [PBP23]. **altruism** [GCM23, Gar24]. **altruistic** [FFAV21]. **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, WBKR22, Ala23, APF+24, BSC20a, BMB+21, BPM+22, CSHH20, CPHL+20, CF20, CGP+20, Cor21, Cor22, DSdP22, DMR21, DMAC21, FNGJ21, FLR+21, GGS+24, GSMG22, HJKS20, HXZ+22, HLW24, HGF23, Ish23, KT20a, KG22, KPR20, LMB22, LB20, LML24, PBP23, Pat22, PPGB20, dMQHRGA+22, RRAO21, Sak22b, Sal24, SYI20, SCHH20, SSKS18, SSKS20, SL23, TKRA20, WLJ+20, WRB22, YZSS20, ZB22, ZSL23, ZWW22]. **analytical** [KK22a]. **analyze** [MMS+23]. **anatomical** [LKP+20]. **anatomy** [WS22]. **ancestral** [MGVS21]. **ancestry** [Di 20]. **androdioecious** [YI21]. **Angiogenesis** [GDd+21, DMAC21, FLR23, HAP22, HYM+22, NNOBS23]. **angiogenic** [HIA+22]. **angiotensin** [TDRC23]. **angles** [BBR+21]. **Animal** [CCSF21, ABBP21, BLRV21, BERR20, HIA+22]. **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, SF24]. **anti-angiogenesis** [DMAC21]. **anti-angiogenic** [HIA+22]. **anti-cancer** [BH20, KKL20, LBF24]. **anti-conformity** [LDF23]. **anti-diabetic** [SF24]. **anti-metastatic** [GYY+23]. **anti-microbial** [Ala20]. **anti-PD-1** [LBF24]. **anti-poaching** [HL21]. **anti-tumour** [LLS+22]. **antibiotic** [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, DTS21, IB21, MSL23]. **applications** [RK22b, WHH22]. **applied** [AG22, BGM22, RRAO21, VMRSL23]. **Approach** [GT20, Avv23, BDdG22, CHMM23, CMRMC+21, CTL+22, CDdV23, Gar24, GBHNHVL23, GtHH20, GEHL+22, Haj20, KT20a, KH20, KTP+20, MCL20, NGKB21, OSAR21, SRB+24, SLML20, TKB+20, TCMA21, VKS+20, WNHK21]. **approaches** [CCA20, EPF20, KV23, MY20, PBP23]. **approximate** [LZW23, SD20, SBB+22]. **Approximating** [HTD22]. **approximation** [ESW24, dJHP20]. **approximations** [ACMT24, BS22a, GTGB21, LK20]. **April** [Ano20m, Ano20a, Ano21m, Ano21a, Ano22l, Ano23j, Ano24i, Ano24a, Ano22a, Ano23a]. **aptamers** [EPF20]. **aquatic** [ACP20, CG21, PTK+24]. **Arabidopsis** [ADP21]. **arbitrary** [Wad22]. **arboviral** [SUA+20]. **arbuscular** [MGZ+21]. **architecture** [SAK21, TS23]. **area** [GSC23, MMS+23, SKNvRL22]. **argument** [Bar21]. **arising** [RG21]. **arithmetic** [GCM23]. **arsenal** [Pat22]. **Arterial** [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, YRMWT20]. **assess** [AY22, BDdG22, GW20]. **Assessing** [HCR20, IHG21, Ngo22, VCS24, VGTY21, JKH+23, KT20b, KHB+22]. **assessment** [HPD20, PGML20, RLW+21, TEWN21, ZXLH23]. **assist** [MAHMH20, ZMKF22]. **associate** [APR+22b]. **associated** [BNPL20, Nah20, SHH20, YFZ+20]. **Association** [NR20, MZLJ20]. **associations** [WBKR22]. **assortment** [ML24]. **assuming** [WS24]. **assumptions** [GHF22]. **asthma** [DLN20]. **astrocyte** [HS20, KK22a]. **astrocytes** [SS22]. **asymmetric** [KC22, YWQX23]. **asymmetry** [SCD+23]. **asymptomatic** [GSW+23, GGSTS21, MEPS22, WUH23]. **asymptotic** [Pat22]. **atherogenesis** [YE21]. **Atheroprotective** [YE21]. **atherosclerosis** [SJNRS20, EE23]. **atherosclerotic** [JJR20]. **atomistic** [FSC21]. **atomistic-continuum** [FSC21]. **atopic** [PJVR23]. **atrial** [DRK23]. **atrophy** [AHS23]. **Attack** [Sin21, NAR+20]. **attainment** [Hon20]. **attenuation** [BEBA20, SC21]. **attractants** [TML20]. **August** [Ano20n, Ano20b, Ano21n, Ano21b, Ano22m, Ano22b, Ano23k, Ano23b, Ano24j, Ano24b]. **aureus** [BJB+20, SHH20]. **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]. **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** [CHMM23].

B [CMRMC+21, KPH+24, LGSR21, PD23, RY22]. **B/L** [PD23]. **background** [BCC+21, Kau23]. **background-induced** [BCC+21]. **bacteria** [ATP22, GT22, Kan21, KHAK21, TTBL21]. **Bacterial** [Sch17, Sch23, WPEP22, BJB+20, ECBR20, MDF21, SHH20, TML20]. **bacteriophage** [Bol22]. **badger** [LZ23]. **balance** [AKHM23, AA22, KNK21, LB20, ZB22]. **ball** [BFG21, YZB20]. **ball-rolling** [YZB20]. **bambara** [DSM+23]. **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, ECH+23, EBK21, FHR22, FLR23, GT22, GTGB21, GCC20, GSMG22, GGG21, HJKS20, HBWLLPA21, Hoe24, HXS21, IH21, JMD20, JFCK20, JCC20, KR22, KK22a, LPBMA21, LMS21, LFZ+24, LMC+20, LB20, LCYD23, MPTCT+20, MZLJ20, MI23, NR20, PASO21, PHL+23, PZG20, RT24a, SRDC21, SC21, SHK20, SVHM+21, TCMA21, VVD24, WCM+21, YCKK24, ZPP23, dLFO21]. **basic** [DF22, GHF22, GHS18, GHS20, GBHNHVL23]. **basis** [MI20]. **bat** [GtHH20]. **Batesian** [QHS23, TT24]. **Battle** [CK20b]. **Bayesian** [CRG+23, HGF23, LG23, LZW23]. **be** [BC20, LBF24, MC20b, SSR21]. **beam** [LR21]. **bearing** [EHA+21]. **bee** [SWK+20]. **bees** [HZS+21]. **beetle** [BFG21, CGY+23]. **beetles** [YZB20]. **behavior** [DMPIG24, IH21, Leh22, Lei20, Lei24, PAV21, SLML20, SMS20, VKS+20, YZB20]. **Behavioral** [HDM20, BLP20, MSM23, SBSB23]. **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]. **bet-hedging** [ZX22]. **beta** [CWT+23]. **better** [EBA21]. **between** [APR+22a, AJR+20, AAL+21, BHW+20, CLJ+23, FG21, FG22, GFN23, GMS20, HVC+21, JME24, KM22, Kuz24a, KMA+21, MCL20, NO24, Pfe22, QHS23, SUA+20, SH21, TAP+23, Xie23, YLZ+21, YJBF20]. **between-host** [FG22]. **Beverton** [FS22]. **Beyond** [DB22b, PK23, Whi20]. **bi** [GK21]. **bi-stable** [GK21]. **bias** [DPR21, SL22]. **biases** [HPSA21, HPSA23, Par22]. **Bidirectional** [KK22b, HXZ+22]. **Bifurcation** [FLR+21, DBS23, HXZ+22, KG22, WA22]. **bifurcations** [GK21]. **big** [KI21]. **binarization** [PZG20]. **binding** [Sch21b, TML20, WDT+20]. **binomial**

[CGR22, LMS21]. **bio** [MPTCT+20]. **bio-macro-molecular** [MPTCT+20]. **Biochemical** [Sal24]. **biocontrol** [AY22]. **bioelectric** [Car23]. **bioelectrical** [CMLM23]. **Bioengineering** [GT20]. **biofilm** [GJDS20, WWR+24]. **Biofilms** [WPEP22]. **Biol** [Akh23, CBH+23, Cor22, HPSA23, JCLS+21, Lei24, Lio24, PLSS24a, PP24, Sch21a, Sch23, SSKS20, Xie22]. **biological** [BEO+22, CBBD22, FFNG+21, GWZ+22, GSMG22, HCSAB21, IKYW21, LSW20, LMC+20, MMS+23, Tsu21, vdBMB+23]. **Biology** [D'A20a, Don23, GADDVG+24, GHS20, WLW20, Wil23, Dal22, KTP+20, Sal24, SMM24, Tha24, WBS20]. **biomarkers** [LPSMCP23, LLZ+22]. **Biomathematical** [MMK+24]. **biomechanical** [BC21]. **Biomechanics** [PTK+24]. **biomedical** [NR20]. **Biomimetic** [LMLP20]. **biomolecular** [GCC20, Xie20]. **bipedal** [HXS21]. **birds** [HBGV+21]. **birth** [LT23, PLM24, SHK20]. **birth-death** [LT23, PLM24, SHK20]. **Bistability** [JCLS+11, JCLS+21, Koc20, SOKZ22, GBF20]. **bistable** [DB22a, FK21]. **bitter** [BSS+20]. **bitter-off** [BSS+20]. **blankets** [PRP+20]. **bleaching** [DCP+22]. **blebbing** [NNOBS23]. **bliss** [CK20b, SW22]. **blobs** [Ost23]. **blockade** [SF23, TKRA20]. **blockers** [DCL23]. **blocking** [BS21]. **blood** [AG22, CHT22, NM23, SVHM+21, TCH21]. **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, Ano24t, 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]. **body** [HYM+22, Kuz24b]. **Bohr's** [BGGM23]. **BOLD** [BSC20a, SVHM+21]. **bone** [GADDVG+24, LZ23, SCD+23]. **Boolean** [AZYF+23, Tha24, ZMKF22]. **booster** [SFK+23]. **boosting** [CCF+20]. **born** [YST21]. **borne** [TNW21]. **both** [vBW20]. **bottleneck** [NBBR23]. **boundaries** [WA22]. **boundary** [KMA+21, dGSNK22]. **bounded** [CLF+22, CCSF21, CN20, FZE22]. **Bovine** [SYI20, HCJT23, BGB+21]. **Brain** [GT20, AHS23, AGTJ23, Bar21, FBJR20, FSKG20, GEHL+22, ISC23, dGSNK22, MPA23, MDCK23, RB22, SBSB23, TCH21]. **branch** [BBR+21]. **branching** [IS20, LMS21, LZW23, RBG+23, SS23, ZWT24]. **break** [AZYF+23]. **breaking** [WH21]. **breakpoint** [HVTA20]. **breaks** [LR21].

breast [BT22, GHB22, GYY+23, PHL+23, SC23a]. **bribery** [FPX20]. **broad** [LYE+24]. **broadcast** [BYHH20]. **broader** [MBF21]. **Bronchial** [DLN20]. **broods** [KMA+21]. **Bt** [BB21b]. **bubbles** [Hil23]. **budding** [AMSC20]. **Budget** [EHA+21]. **building** [HPG+24]. **bulk** [PLXD+20]. **burden** [FGC24, KBW+23]. **burdens** [SXL+20]. **bursting** [FVB20]. **butterfly** [LCMW21]. **buzzards** [ABC+21]. **bystander** [ND24].

Ca [CBK+20, KK22a, LYE+24, PO20]. **CA3** [MP22]. **caffeine** [BLP20]. **Calcaneus** [SCD+23]. **calcification** [WDA+23]. **Calcium** [DYS+21, SL21, SL23]. **Calcium-dependent** [DYS+21]. **calculate** [KHAK21]. **calibration** [LH20]. **can** [BNP+21, BD21, Dal22, DCP+22, GBF20, GSC23, HSAH20, IIHH21, LS21, LBF24, MC20b, PB22, SPLS+23, SMS20, SSR21, Wad22, ZMKF22, MGCH21]. **Canada** [AMR+23]. **Cancer** [GBF20, SF23, AMSC20, ATAJS20, Ala23, AABG20, BBDB22, BS21, BT22, BAG+24, BH20, CHMM23, CWL20, CPM21, DMR21, DCS20, EWK20, EB21, FLR23, FBC23, FSC21, GDLF20, GFL23, GYY+23, HPK+20, KV23, KKL20, LBF24, LG23, MHI23, Pat22, PHL+23, PAM22, PGC+22, PJB21, 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]. **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]. **Cargo** [YSK23]. **cargos** [KK22b]. **Carlo** [LGT21]. **cartilage** [MFGACST23]. **Cas** [SSS21]. **cascade** [Han23]. **Case** [CKI20, MC20b, WWR+24, CRDD22, FHM20, GMMR22, GW20, LRST22, NAR+20, RBG+23, 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]. **causing** [ATP22]. **CD8** [BCK24, LLS+22, WMHV24]. **Cell** [GLLP23, KTU22, MI23, New20, WZP+23, ASK20, AVSTS23, AMSC20, ABB+22, BCK24, BE22, BKZ+22, BC20, BM20, Car23, CBH+22, CBH+23, CF20, CLD21, CLSB23, FH23, FBC23, GHB22, GO21, GFL23, HGCC22, HPK+20, HCSAB21, HRD+24, HLW24, HSL24, IJROTE22, IHO+20, JS23, JFCK20, JHFMP+21, KPH+24, KJM20, KF20, LGT21, LSWVB24, LSZ21, Lei20, Lei24, LLS+22, LGSR21, LG23, LH20, MCO21, MPC+24, MCP20, PD23, PPFB24, PCLL21, PJVR23, PASO21, PK23, PGC+22, SPLS+23, SGJ+24, ST20, SSKS18, SSKS20, SBW+22b, TCMA21, VGC22, WH21, WA22, WvdDL+21, WMHV24, WSEK23, WHH22, XZW+24, XZZ+23, YWQX23, 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, EWK20, FMO23, FVB20, GHB22, HYM+22, IHO21, KV23, KKL20, MF24, PWC+23, RS24, RY22, SK21, SC23a, UIY22, XSH+24]. **Cellular** [LSZ21, XSH+24, Di 20, DEM+23, FB23, HFD23, HCR20, LSWVB24, LPSMCP23, Osb24, TCMA21]. **cellulose** [CLD21]. **center** [MI23]. **central** [BB21a, CRGGSC20, MSM23]. **central-place** [MSM23]. **cerebral** [CHT22, TCH21, Ter23]. **Cerebrospinal** [YTW21]. **cerevisiae** [San21]. **cervical** [CWL20]. **Chad** [EHP+21]. **chain** [ACP20, FPGC21, GCC20, SSS21, SLCC22]. **challenges** [HH20]. **Change** [KPP20, DMPIG24, MGFS+20, RT24b]. **changes** [APR+22b, CD22, CRG+23, DWNW24, Ter23, Wor20]. **changing** [Kau23, MY20]. **channel** [DCL23, JHFMP+21]. **channels** [LYE+24]. **Chaos** [FNGJ21, Kan21]. **chaperones** [GCNZ+21]. **characterises** [KGP+22]. **characterising** [OGD+20]. **characteristics** [HPSA21, HPSA23]. **characterization** [MDCK23, SVVPPR+24]. **chattering** [BAU+22]. **cheap** [CS22]. **Check** [GHF22, ZMKF22]. **checkpoint** [SF23, TKRA20, XZZ+23, vdVPW+22]. **chemical** [KJV20, PPGB20]. **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]. **chickens** [XYK+20]. **childhood** [ASL+24]. **children** [AGTJ23]. **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** [WMO23, AZYF+23, EBA21, EWS23, NGKB21, San21]. **cholera** [TTBL21]. **chondrocyte** [CNK24]. **choose** [ZMKF22]. **chorus** [AKHM23]. **Christmas** [Hil23]. **chromatin** [FZE22, MB22]. **chromatin-mediated** [MB22]. **chronic** [CWR21, DEM+23, XML22]. **cicada** [KMA+21]. **cilia** [PTK+24]. **circadian** [ACD20, ADP21, BCK24, DB22b, GK20, GMS20, KMI23, KTU22, ZG21]. **circle** [TH21]. **circuit** [KK22a]. **circular** [ACMT24, GW21]. **Circulating** [TDRC23]. **circulation** [BAJ+21, Han23]. **citrus** [ILGI20]. **class** [Lio18, Lio24, San21]. **class-structured** [Lio18, Lio24]. **classification** [BKP23, HXK+20]. **clearance** [BJB+20, Swe20]. **climatic** [APR+22a]. **climbing** [Sac22]. **clinical** [Han23, PGC+22]. **clock** [ACD20, ADP21, GMS20, RK22b]. **clonal** [BV24, PASO21]. **clones** [BC20]. **closed** [IHG21]. **Closing** [FG21]. **club** [VB21]. **cluster** [VGC22]. **clustered** [dDA21]. **clustering** [FH23, LCYD23, SL24]. **clusters** [EP20]. **Co** [KHBS20, MGZ+21, PAV21, GDd+21, KT20b, Ost23]. **Co-adaptive** [PAV21]. **Co-evolution** [KHBS20]. **co-evolutionary** [KT20b]. **Co-inoculation** [MGZ+21]. **co-option** [GDd+21]. **coagulation**

[IB21, SSKP24]. **coalescent** [CLF+22, RK22b]. **coconut** [CGY+23]. **code** [Di 21, 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, MMG21, PMD21]. **cognitive** [Par22, VA22, Wal20]. **cognitive-evolutionary** [VA22]. **coherent** [Wad22]. **cohort** [KBD+23]. **coinfection** [LMG22, ND24]. **coli** [BF20, VKS+20, YRMWT20]. **collagen** [BC21]. **collagen-based** [BC21]. **collapse** [ZM20]. **collect** [HZS+21]. **collective** [BEBA20, KF20, RKP20]. **Colombia** [VMRSL23]. **colonies** [GCA+20, HDM20, MHI23]. **Colonization** [WPEP22, Cai22, LNT23]. **colony** [GTGB21, HDM20, KGP+22, LSWVB24, ZM20]. **colony-level** [HDM20]. **Color** [RG21]. **colorectal** [TMC+23]. **colored** [YFZ+20, YM23]. **columns** [Ost23]. **combination** [BCGG21, CWL20, LBF24, SBM+20]. **combinatorial** [SHK20]. **combinatorics** [GPDW20]. **Combined** [HIA+22, BFG21, GCNZ+21, SLML20, ZZGG21]. **Combining** [BB21b]. **commensal** [ATP22]. **commensalisms** [SLCC22]. **Comment** [RB22]. **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, Wor20]. **Comparative** [LML24, PZ20]. **compared** [FBA21, SWK+20]. **Comparing** [GTGB21]. **Comparison** [Mit20, SH21, AJR+20, BPM+22, HD22, KHB+22, LDaH22, ZBT22]. **compartment** [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, Cai22, CLJ+23]. **Competitive** [CCA20, ECBR20, WSC+22, ASF22, RK22a]. **competitors** [GQG23]. **completing** [ZYLW21]. **complex** [ASF22, BD22, DEM+23, MLG21, MSB24, TMTK22, ZF21]. **complexities** [BRN+22]. **complexity** [GPDW20]. **compliance** [ABOR20]. **component** [KHBS20]. **components** [ORW+20]. **composed** [BKZ+22]. **composition** [OLF+24, UIY22, Wor20]. **compositional** [ZX22]. **compositions** [KJV20, YJZ+24]. **comprehensive** [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, KKS23, NMC+21, OKT+21, SKS21, WBS20]. **compute** [Wad22]. **concentration** [KK22b]. **concept** [SCD+23]. **conceptual** [ZWC+22]. **concern** [CWT+23]. **concerns** [SUA+20]. **Conclusions** [DN22]. **condition** [BSV+24, SLCC22]. **conditional** [Qui20].

conditioned [MGVS21]. **Conditioning** [CLF+22]. **Conditions** [MMI21, SSR21, AZdV+22, BW24, CLSB23, DMAC21, Kuz24c, dGSNK22, LL21]. **cones** [ABK24]. **configuration** [YdKdJ+20]. **conflict** [CT22, GCX+20]. **conformation** [ZLYL20]. **Conformity** [LDF23]. **conjugation** [AZdV+22]. **Connectance** [Bau20]. **connected** [Car23]. **Connectome** [GT20, FSKG20, RB22]. **connexins** [XSH+24]. **consciousness** [RBW20, RSPB+22, Ste21a]. **consensus** [PP22]. **consequences** [GGSTS21, Leh21, NM23, YJBF20]. **Conservation** [Wor20, ACMT24, Tsu21]. **conserved** [GHA+20]. **consideration** [NVS20]. **considering** [BGA21, SGJ+24]. **Consistency** [BK20a]. **consolidation** [ASL+24, MB24]. **constant** [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, BGM22, GHB22, YSK23]. **contacts** [ZWT24]. **contagious** [GJCLMQC20]. **containment** [BK21]. **contaminated** [CZN+21]. **contamination** [KHAK21]. **contemporary** [Hon20]. **content** [ACP20, BRBF20]. **contest** [MGCH21]. **context** [CCPD22, MBF21]. **continuous** [DSB+21, JCC20, LMB22, OTI+20, SKNvRL23]. **continuously** [AG22]. **continuum** [ACF22, BCC+21, FSC21, GTGB21, GF23, MY20, SBB+22]. **contraction** [Avv23, SdB23, SL21]. **contributes** [PZJPZ23]. **contribution** [PL20]. **Control** [PTZ21, YZSS20, AHW21, AJR+20, APL21, BAU+22, BGB+21, BCS+22, CGY+23, CGW22, CS21, CR20, FPGC21, FSK21, HCSAB21, IMM24, KHW+22, KYI21, Leh22, MB21, MSL23, MCM20, MB22, NVS20, Ngo22, NDB20, PBP23, RSPB+22, SMJ20, 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]. **conversion** [PGP23]. **convolutional** [WDT+20]. **Cooperation** [SSBG20, BRS24, CKB+21, CS22, EBA21, KL21a, Kur21, LL21, ML24, PHN+23, SdAM24]. **Cooperative** [BSC20b, NCL20, RP21a, FZE22]. **cooperativity** [NWVN20]. **coordinate** [DAB+23]. **coordinated** [HBG21]. **Coordination** [WCD21]. **coral** [DCP+22, HPG+24, KGP+22]. **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]. **correlations** [PR21]. **Corrigendum** [CBH+23, Cor22, D'A20a, GHS20, HPSA23, JCLS+21, KBS+20, Lei24, Lio24, PP24, Sch21a, Sch23, WLW20, Xie22]. **cortex** [Ost23]. **Cortical** [LRAP22, CGK23, CRGGSC20, SCD+23]. **Cost** [CPHL+20, FHM20, KT20a, ASF22, LB20, PPS+21, WM21b]. **Cost-efficiency** [KT20a]. **costs** [CK20b, 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, ABB+22, BGGM23, IH23, JAB22, MCMdAM24, MB24, PZXC22, PLXD+20, Sak22a, YMR24]. **Coupling** [TTBL21, BSC20a, CGK23, PZXC22, SL21, SHY21, DO21, YI21]. **couplings** [Xie20]. **courtship** [CK20b]. **CoV** [ACF22, BLRV21, BFSA23, CWF23, CLJ+23, CPEK23, CWT+23, GFV+23, GFC+22, Hil23, JMWX23, KRSSH21, Kee23, KBD+23, LRST22, PD23, PWC+23, Roy21, TAP+23, WUH23, WHRH+23, XCFH23, YY21, Yin21, dCC+23]. **COVID** [AGP+21, AGP+23, APF+24, ASS+23, AMR+23, BW24, BK21, BGM22, BDdG22, CS21, DAB+23, DTS21, DPR21, DJ22, ECH+23, GSW+23, GGSTS21, JKH+23, KPA+21, KBW+23, 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, DAB+23, DTS21, DPR21, DJ22, ECH+23, GSW+23, GGSTS21, JKH+23, KPA+21, KBW+23, 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]. **CRISPR** [SSS21]. **CRISPR-Cas** [SSS21]. **criteria** [TAP+23, VB21]. **Critical** [GSR23, HLW24]. **crops** [BSJ20, BB21b]. **Cross** [HL20, FG23, SHY21, 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, 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]. **cytosolic** [LYE+24]. **cytotoxic** [HIA+22].

D [Gar23, ABB+22, BMB+21, FSC21, GF23, MPTCT+20, MMS+23, RBG+23, SRB+24]. **daily** [DF22]. **dairy** [HRD+24]. **Daisyworld** [MC22]. **damage** [FK21]. **damicornis** [HPG+24]. **dark** [FFNG+21]. **Darwinian**

[BH20, NBBR23]. **Data** [AGP+23, ASL+24, BLP20, CF20, PHL+23, BNP+21, BMB+21, DF22, DO21, GWZ+22, GMR+24, GYY+23, GMV+20, HRD+24, LGT21, MGVS21, MEPS22, RZRS+22, SKNvRL23, SMM24, SXJ20, YAN21]. **Data-based** [PHL+23]. **Data-driven** [AGP+23, ASL+24, BLP20, CF20, GWZ+22, RZRS+22]. **datasets** [ZQHN24]. **date** [CLF+22]. **dawn** [MB21]. **dead** [SKNvRL23]. **death** [LT23, LSZ21, PLM24, SHK20]. **decay** [ECBR20]. **deceased** [HL21]. **December** [Ano20o, Ano20c, Ano21o, Ano21c, Ano22n, Ano22c]. **decentralized** [Pro24]. **deception** [QHS23]. **Deciphering** [MLK21]. **decision** [Bai21, BBDB22, HLW24, JCC20, PP22, VKS+20]. **decision-making** [JCC20, PP22]. **decisions** [AJR+20, MSM23, OIK+24]. **decline** [BCS+22]. **decoding** [RG21]. **Decomposing** [ZQHN24]. **decomposition** [dAPdBMTS20]. **decreased** [PD23]. **dedifferentiation** [FB23]. **Deep** [MDCK23, LFZ+24, WDT+20, YCKK24]. **deeper** [Pie21]. **deer** [XML22]. **defects** [CNK24]. **defense** [PPS+21]. **deformation** [MI23, Tsu20]. **degeneration** [PLSS24a, PLSS24b]. **degraders** [JME24]. **degree** [WDA+23]. **Delay** [CSF20, BJB+20]. **Delay-driven** [CSF20]. **delayed** [YST21]. **delays** [BLRV21, BCGG21, GC20, MSLW23]. **deleterious** [AL23, Sak22b]. **deletion** [HD22]. **delineating** [YJZ+24]. **delivery** [ASP23, Ala23, BKZ+22, GGS+24]. **delta** [CWT+23]. **dementia** [HD24]. **demographic** [APR+22b, BJR+22]. **demography** [Hen20]. **dendritic** [EWS23, Ros22, XZZ+23]. **dengue** [CAARG21, GW20, RY22, VCS24]. **Density** [EHA+21, vBW20, EP20, GJDS20, GSC23]. **density-area** [GSC23]. **density-dependent** [EP20]. **dependence** [BKP23, GB23, IKYW21, RWHK21, vBW20]. **dependency** [Kuz24b]. **dependent** [ABK24, CWL20, DCL23, DYS+21, EP20, EHA+21, GJDS20, KT20a, LRAP22, LR21, LWM23, NCL20, OLF+24, RS24, SD20, SBC+20, SS21, WSW21, WSY21]. **depends** [IHO21]. **depolarization** [CGK23, Car23, WM21b]. **deposited** [BH23]. **deposition** [CLD21, HMS21, Kuz24a]. **depression** [CRGGSC20, Sak20, Sak22a]. **deprivation** [PBB20]. **depth** [LRAP22]. **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, Ala23, BH20, LTS+21, MBT22]. **Designing** [CLSB23, SBM+20]. **Destabilization** [PS22a]. **destabilizing** [BYHH20]. **destination** [SKNvRL22]. **destruction** [DRK23]. **detachment** [SK23]. **detailed** [DN22]. **detecting** [CRG+23]. **detection** [PCR23, PTK+24, RMSS24, Täu20, Wad22, vdBMB+23]. **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** [KV23]. **Development** [KKS23, LR21, AML+22, CSP21, DSM+23, DNK+24, GJCLMQC20, IYY22, JA23, Kuz24c, Osb24, Ost23, SS22]. **Developmental** [BPM+22, WCD21]. **device** [BAG+24]. **diabetes** [DNK+24, SF24, Swe20]. **diabetic** [SF24]. **diagnostic** [VGTY21]. **diameters** [Ter23]. **diamond** [ASMN23]. **diamond-shaped** [ASMN23]. **Diarrhea** [BGB+21]. **dictates** [RMG+21]. **did** [KI21]. **diel** [BEBA20]. **diet** [Swe20, VTDM21]. **diet-linked** [VTDM21]. **differences** [BLRV21, SL23, WHH22]. **different** [Car23, CMLM23, GCM23, HXS21, KSSM20, TG22]. **Differential** [BGM22, CSP21, DSB+21, HH20, JCLS+11, JCLS+21, LCYD23, MMS+23, SMM24, TP24, VGC22]. **differentiating** [BC20, FBC23]. **differentiation** [CN21, Haj20, New20, SAG21, SS22]. **differing** [LZ23, MGZ+21, SPLS+23]. **diffuse** [PGC+22]. **diffuse-interface** [PGC+22]. **Diffusion** [BS22a, BNP+21, CGW22, EIK+21, GWZ+22, GJDS20, ISC23, JMD20, KG22, KGP+22, KBS+19, KBS+20, KB22, MTB24, MDCK23, PLXD+20, PLAC22, Sch18, Sch21a]. **diffusive** [GDd+21]. **diffusivity** [Kuz24c]. **digestion** [Avv23]. **digital** [HIA+22]. **dilemma** [KT20b, KL21a, MMI22, WLW19, WLW20]. **dilemmas** [CS22, FPX20, ML24]. **dimension** [LPSMCP23]. **Dimensional** [AFTF22, ABBP21, BRN+22, BC21, EP20, FET+24, MI23, WHH22]. **dimensionality** [PMD21]. **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]. **discovery** [LMC+20]. **Discrete** [KPH+24, ACF22, LHG+22, LTS+21, MC20b]. **discrete-continuum** [ACF22]. **Discrete-state** [KPH+24]. **discretisation** [WMO23]. **discrimination** [RG21]. **Disease** [dDA21, AHEB+22, CPHL+20, CRG+23, DEM+23, EHP+21, FGC24, GSR23, GCA+20, HPSA21, HPSA23, IMM24, JKSD23, KHW+22, LX21, LWM23, LLZ+22, MBHG+24, OIK+24, PGP23, RLW+21, SYI20, SXL+20, SL22, SY24, SOGK+23, SYH20, TT20, TATT21, XML22, ZWT24]. **diseases** [AN22a, GBHNHVL23, GJCLMQC20, HI20, KT20a, KPH+24, KHB+22, MD22, MN23, TNW21]. **Disentangling** [KYHN23, LMG22]. **disorder** [DB22b, HBK+20]. **disorders** [YTH+21]. **disparate** [SK21]. **Dispersal** [RT24b, AR20, BERR20, POW23]. **dispersal-induced** [AR20]. **dispersed** [D'A20a, D'A20b]. **dispersing** [ZZB+21]. **dispersion** [NO24]. **displacement** [LMLP20, TH21]. **displays** [LPD23, SBJR21]. **disruptive** [ORW+20]. **dissemination** [LX21]. **dissipative** [LFY+24]. **distance** [COB23]. **distances** [PZXC22]. **distancing** [BD21, CS20, CS21, CC22, GGSTS21]. **distinct** [DB22a, Mit20]. **Distinguishing** [SSM+22]. **distorted** [IS20]. **distributed** [AG22, ISC23, SD22]. **distribution** [APR+22a, Coh20, D'A20a, D'A20b, GMV+20, HI21, KJV20, MGVS21, 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** [RID23]. **diversifies** [PJB21]. **diversity** [ACMT24, FOY21, Kau23, MSB24, PB22, SYH20, TGC22, Whi20]. **division** [KTU22, LSZ21, XZW+24, Yam24, YWQX23]. **DNA** [CBH+23, CBH+22, CK20a, DKSP24, FK21, Goy21, IB21, LAP24, RP21b, Van20]. **DNA-structured** [CBH+23, CBH+22]. **Do** [BBR+21, AS21, EBA21, HPSA21, HPSA23, LSW20, MTB24, SKNvRL22]. **Does** [Jam21, 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** [MSLW23]. **dose** [CLLL20, CWL20, CKM+20, Wal20, XCFH23]. **dose-dependent** [CWL20]. **dose-response** [CKM+20, Wal20, XCFH23]. **double** [AZYF+23, YMR24]. **double-strand** [AZYF+23]. **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, LFJ21, 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, DMR21, GDLF20, HGCC22, HII22, HHI24, MPA23, MS20, SLML20, SF24, YHT24]. **drug-targets** [HGCC22]. **drugs** [RNP+21, UV23]. **dsRNA** [SBC+20]. **Dual** [CBK+20]. **duct** [HI21]. **due** [AMR+23, Avv21, DMR21, FH23, HH21, MMG21, MMK+24, NNG20, SLML20]. **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, NNOBS23, ND24, OIK+24, STCSC+21, SdB23, SS22, 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, TKR+21, WSY21, Xie21, Xie22, AVSTS23, AGP+21, AR20, AMA20, ATAJS20, ABB+22, APF+24, AKUN20, ATP22, AM22, AR21, AHEB+22, BCC+21, BW24, BE22, BS21, BYHH20, BK21, Bol22, BGGM23, BGA21, CD22, CAARG21, CBZK21, CWW22, CKB+21, DDDMT22, DKSP24, DBW22, EBK21, FG22, FBA21, FFNG+21, FSKG20, FRMK22, GJDS20, GBHNHVL23, GK21, GMS20, GDQR23, HPK+20, HC24,

HYM+22, HBGV+21, HL21, IH23, KPA+21, KHW+22, KBD+23, KM22, LS21, LMG22, LNT23, LHG+22, LK20, LZZ20, LX21, LMC21, LWM23, LFT+23, LFY+24, MP22, MLK21, MSB24, MDG24, MCM20, MSK+22, MTLZ22, MM22, MG21, MEBNZ24, MC20b, MWO21, NCL20, NWP+24, PR21, POS21, PABS23, PO20, PK23, RB22, RBG+23, SPLS+23, SK21, STB20]. **dynamics** [SSX+22, ST20, Sin21, SS21, SH21, SBW+22b, TMTK22, TEWN21, TGC22, TT24, UV23, VGTY21, VP22, Wal20, WRB22, WDH+20, Xie24, XKV20, YSP+23, YM23, ZWWW23, dDA21, D'A20a].

E2F [LMA21]. **early** [APF+24, ASL+24, CSP21, GTE20, GZGH22, JLK22, KGP+22, NSD22, PB21, RG21, Sak20, Sak22a, Sak22b, SJNRS20, SD22, VGC22, YTY+20, vdBMB+23]. **early-** [Sak20, Sak22b]. **early-acting** [Sak22a]. **earth** [RBD+20]. **eating** [DMPIG24]. **Ebola** [BPP+20]. **Eccentricity** [SCD+23]. **eclipse** [KBD+23, PWC+23]. **Eco** [CKB+21, CBPG23, PABS23, CN20, CN21, POS21, TT24]. **Eco-evolutionary** [CKB+21, CBPG23, PABS23, CN20, CN21, POS21, TT24]. **Ecological** [GSC23, Leh21, Bol22, EWS23, FVC20, JAB22, NV22, PPGB20, PLR24, SH21]. **ecology** [FFNG+21, SAG21, WNHK21]. **ecosystem** [ACP20, BGA21, MBT22, PAV21]. **ecosystems** [BvdG20, ES20, FGES24, SMJ20, XDZ+21, ZSS+22]. **edge** [PLSS24a, PLSS24b, SSR21]. **editing** [NV22]. **editor** [PMCLC+23]. **Editorial** [Ano20y, Ano20z, Ano20-27, Ano20-28, Ano20-29, Ano20-30, Ano20-31, Ano20-32, Ano20-33, Ano20-34, Ano20-35, Ano20-36, Ano20-37, Ano20-38, Ano20-39, Ano20-40, Ano20-41, Ano20-42, Ano20-43, Ano20-44, Ano20-45, Ano20-46, Ano20-47, Ano20-48, Ano21y, Ano21z, Ano21-27, Ano21-28, Ano21-29, Ano21-30, Ano21-31, Ano21-32, Ano21-33, Ano21-34, Ano21-35, Ano21-36, Ano21-37, Ano21-38, Ano21-39, Ano21-40, Ano21-41, Ano21-42, Ano21-43, Ano21-44, Ano21-45, Ano21-46, Ano21-47, Ano21-48, Ano22x, Ano22y, Ano22z, Ano22-27, Ano22-28, Ano22-29, Ano22-30, Ano22-31, Ano22-32, Ano22-33, Ano22-34, Ano22-35, Ano22-36, Ano22-37, Ano22-38, Ano22-39, Ano22-40, Ano22-41, Ano22-42, Ano22-43, Ano22-44, Ano22-45, Ano22-46, Ano23u, Ano23v, Ano23w, Ano23x, Ano23y, Ano23z, Ano23-27, Ano23-28, Ano23-29, Ano23-30, Ano23-31, Ano23-32, Ano23-33, Ano23-34, Ano23-35, Ano23-36, Ano23-37]. **Editorial** [Ano23-38, Ano23-39, Ano23-40, Ano24t, 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, CKI20]. **educational** [Hon20]. **Effect** [AAL+21, Bai21, EE23, HFD23, Kau23, Kur21, KH24, WvdDL+21, Xie24, ZX22, AHS23, AHEB+22, BP20, BS21, BT22, CHT22, CHSB20, CPM21, EWS23, FFR23, KL21b, KKK+20, LR21, Leh21, LL21, LG23, MGZ+21, ND22, NBBR23, ND24, PS22a, SKS21, Sak20, STB20, SP20, TGC22, TCH21, YM23, ZM20, ZF21, ZB22]. **Effective**

[EIK+21, AGP+21, HS20, Täu20, TNW21]. **effectiveness** [ESW24, FHM20, GBF20, JKH+23, LDL+24, MBHG+24, ZBT22]. **effectors** [IHO21]. **Effects** [BK21, EBK21, FBC23, GCA+20, KB20, Sak22a, SL21, YdKdJ+20, ACP20, BvdG20, BBH+20, BYHH20, BGGM23, CZN+21, Cai22, CF20, CBKS21, DMAC21, DCL23, EWK20, ECBR20, FPGC21, FGC24, HAP22, HS24, Hen20, HD24, LRST22, MP22, MH22a, MSK+22, MWO21, OKF+21, PBD+20, Sak22b, TG22, UV23, VGTY21, ZZ22, vdVPW+22, SC21]. **Efficacy** [DBTI21, BBK23, BS21, GYY+23, HS24, PD23, SC23a, SF24]. **efficiency** [AKHM23, AM22, KT20a]. **efficient** [BP23, FSNS20, SBB+22, YCKK24]. **Eigenvalue** [GSMG22]. **eight** [KRSSH21, LZZ+23]. **Electric** [CSHH20, SCHH20, ZLYL20]. **electrical** [FVB20, GEHL+22, MCP20, YZSS20]. **electrocytes** [CSHH20, SCHH20]. **electrolocation** [PCR23]. **electron** [GCC20]. **electroretinogram** [PLSS24a, PLSS24b]. **electrostatic** [PCR21]. **element** [GEHL+22]. **elemental** [OLF+24]. **elementary** [CP23]. **elements** [MDG24]. **elicit** [KKL20]. **eliminate** [LDL+24]. **Elimination** [BSS+20, HMLO+23, SSX+22]. **elliptic** [HYM+22]. **elliptical** [YSK23]. **elongation** [KF20]. **embryogenesis** [GZGH22]. **embryonic** [JA23, NTTI22]. **Emergence** [LYE+24, RBD+20, Ala20, CN20, FBD23, HII22, IDD23, JMWX23, MRK24, PPFB24, PR21]. **Emergent** [ADLM24]. **emerging** [IH23, KHB+22]. **emigration** [HAP22]. **emphasis** [SJNRS20]. **empirical** [FSKG21, ZQHN24]. **emptying** [Avv21]. **enable** [GBF20]. **enables** [ES20]. **encode** [CKNCG22]. **encoding** [PR21, Van20]. **encounter** [MGFS+20]. **end** [WS22, Xie23, YLT22]. **end-plate** [WS22]. **endemic** [ASS+23, MCM20, SLML20]. **endgame** [ASS+23]. **endogenous** [NVS20]. **endometrial** [AGBLGA+22]. **endoscopic** [SXL+20]. **endothelial** [HYM+22, SJNRS20, VGC22]. **endothelium** [HCJT23, JJR20]. **energetics** [OKT+21]. **energy** [AKHM23, AA22, BP21, CKM+22, GCC20, GZM+20, HXS21, ISC23, RZRS+22, TCMA21, WM21b]. **energy-based** [GCC20, TCMA21]. **energy-driven** [GZM+20]. **enforcement** [HL21]. **engineered** [CWL20, PRJ+20]. **England** [Hil23, Kee23]. **Enhanced** [KMI23, MMG21, YSK23]. **enhancement** [BCC+21, KT20a]. **Enhancing** [JFCK20, HS24]. **enough** [DWNW24]. **enrichment** [MSB24, YBF23]. **ensemble** [CBKS21]. **entrainment** [DB22b]. **Entropy** [LL20, LPSMCP23, Tsu21]. **entry** [PD23, TAP+23]. **environment** [FOY21, FBSD22, KF20, MY20, RT24b, SS21, UIY22, EBA21]. **environmental** [Bar23, Cai22, GCA+20, PS22a, PBD+20, SUA+20, TG22, PMD21]. **environments** [CZN+21, HCC+21, Kau23, KHB+22, KL21a, MLG21, MSLW23, NKE23, Pro24, WW24]. **enzymatic** [TH21]. **enzyme** [CTL+22, CDdV23, LB20]. **enzyme-cost** [LB20]. **Epidemic** [LWM23, MM22, AHW21, BP23, BD21, CD22, CGW22, DTS21, HTD22, KT20b, KPR20, LWXM20, MEPS22, dVRA20, RMG+21, SXJ20, WCM+21, WHRH+23, XCH+20, YTY+20, YLT22, ZXLH23]. **epidemics**

[CLLL20, EB24, LMW21, MZG+20, TWT23, VMRSL23, ZWC+22, dIMM24]. **epidemiologic** [CS20]. **epidemiological** [AJR+20, FGC24, GGSTS21, GBHNHVL23, Hil23, IH23, MSK+22, PB21, TTBL21, WHRH+23]. **epidemiology** [RT24a]. **epigenetic** [HSL24]. **epilepsy** [PZXC22, YZSS20]. **epithelia** [MCO21]. **epithelial** [GHB22, LSWVB24, RP21a]. **epizootic** [PGP23]. **equation** [BNP+21, IB21, JCLS+11, JCLS+21, Lio18, Lio24, SMM24, VGC22]. **equations** [DSB+21]. **equilibrium** [AMSC20, AABG20, Lio18, Lio24, LW20]. **equity** [FBA21]. **eradicate** [TNW21]. **eradication** [SLML20]. **Erratum** [Akh23, PLSS24a, SSKS20]. **error** [BNPL20, WHRH+23]. **errors** [MMI21]. **erythrocyte** [DN22]. **escape** [IHO21]. **Escaping** [HII22, MGCH21]. **Escherichia** [BF20, VKS+20, YRMWT20]. **essential** [Kan21, LMC+20]. **essentiality** [AFTF22]. **establishment** [BPP+20]. **estimate** [AKUN20, GFV+23, LGT21]. **estimates** [KBD+23, SL22]. **Estimating** [DF22, KRSSH21, LRST22, LZW23, SKNvRL23, SOGK+23, YAN21]. **Estimation** [MS20, SKNvRL22, XDT+20, BKP23, DCS20, DO21, GFH20, GMR+24, IMM24, SBB+22]. **Ethnic** [KIM+22]. **Etosha** [KM22]. **eukaryogenesis** [KI20]. **eukaryotes** [Di 20]. **European** [KRSSH21]. **eutrophic** [SMJ20]. **eutrophication** [SH21, TMTK22]. **Evading** [DBD23]. **evaluate** [GFV+23, GYY+23, RY22, TNHV21]. **Evaluating** [MN23, MBHG+24]. **Evaluation** [GF23, LPSMCP23, GSMG22]. **evasive** [GtHH20]. **evenness** [Pie21]. **events** [BFSA23, GCA+20, JLK22, SSR21, YY21]. **Evidence** [CRGGSC20, ASF22, CPMF+22]. **Evolution** [CTL+22, CDdV23, FG23, IY22, Kur23, ML24, POW23, Qui20, Sak22a, SdAM24, WSW21, YYI21, Yam24, AFTF22, ASF22, ASS+23, APL21, BJR+22, BB21a, BTS24, BCGG21, BRBF20, CG21, CLG20, CWT+23, EBA21, FG21, Gar24, GG23, HK21, HH20, HXS21, Jam21, KHBS20, KJV20, KL21a, Kur21, Leh22, LZZ20, LL21, LT22, MPH+22, ML21, NBBR23, OU22, OSAR21, Par22, PHN+23, PS22b, Sme21, SP20, TG22, VA22, WS24, WDHB20, WSC+22, Wil23, YJZ+24, YY21]. **evolutionarily** [MC20b]. **Evolutionary** [Cai22, CWW22, IJROTE22, IS20, IYY22, MRK24, MTLZ22, POS21, YI21, ZWWW23, Bol22, BH20, BA24, CKB+21, CBPG23, CN20, CN21, CGR22, Dal22, IDD23, KT20b, LYYN20, Leh21, LFT+23, MGCH21, NKE23, NWP+24, PABS23, QHS23, Sch17, Sch23, Ste21b, SSR21, TT24, VA22, WNHK21, Yin21]. **evolving** [HCSAB21, WLW19, WLW20]. **exacerbate** [DCP+22]. **Exaggerated** [LPD23]. **examination** [GBF20]. **example** [YYI21]. **excess** [ACP20]. **exchanges** [BGGM23]. **excitability** [OGD+20]. **Excitable** [PK23]. **Excitation** [CKM+20, SL21]. **excitation-contraction** [SL21]. **Excitatory** [AKHM23]. **excited** [Tsu20]. **exclusion** [GW20, LDL+24, SR24, TAP+23]. **exercise** [BSV+24]. **Exergy** [DRK23, DRK23]. **exhibit** [IH21]. **exhibited** [AFTF22]. **existence** [MMI21]. **existing** [HH20]. **exit** [Kur21]. **exogenous** [NVS20]. **expansion**

[IB21, KF20, MMS+23, TS23]. **expenditure** [HXS21]. **expensive** [CS22]. **experienced** [Haj20]. **experiment** [KJV20, dGSNK22]. **experimental** [CLSB23, DO21, GLLP23, ZZGG21, ZZB+21]. **experiments** [KKS23, WZKM21]. **explain** [BNP+21, Dal22, Wad22]. **explained** [RBW20]. **explaining** [GRW+21, HH20, KHBS20]. **explains** [HL20, SdB23, SBC+20]. **explanation** [JME24]. **explicit** [BYHH20, FG22, GGSTS21, PK23, RW20]. **exploitation** [MC20a, MW20]. **Exploration** [SCD+23, FHR22, KKS23]. **Exploring** [BFSA23, NSD22, SMJ20, TWT23, SUA+20, VB21]. **Exponential** [DKSP24, SR24]. **exposed** [JKH+23, RT24b]. **exposure** [CWF23, FPGC21, GFC+22, SHH20]. **expression** [BS21, GWZ+22, PL20, RMSS24]. **extended** [FSKG20, MWO21, PLM24, RB22, SSB20]. **Extending** [Pat22]. **extent** [Goy21]. **external** [CT22, KF20, LR21, LZ23]. **extinction** [EWS23, FVC20, HII22, Leh21, ON24, SSB20, Sch18, Sch21a, SD22, ZWT24]. **extracellular** [PGML20, SL21, ST20]. **extraction** [NR20]. **extreme** [PWC+23]. **eyespots** [LCMW21].

Fåhræus [FFR23]. **face** [NGKB21, Ngo22]. **facilitate** [Jam21]. **facilitated** [ADP21]. **facilitates** [HZS+21, HGF23]. **facilitation** [MCL20]. **factor** [KB20, RLW+21, Rob22, SSKP24, ZZGG21]. **factors** [Bau20, Cor21, Cor22, TWT23, ZZ22]. **facultative** [KM22]. **failure** [APR+22b, BC21, HH21]. **fairness** [WFT23]. **falciparum** [DDDMT22, TEWN21]. **farm** [SHH20]. **farmers** [LYYN20]. **farming** [CBBD22]. **farms** [ZRL+21]. **fascia** [LMLP20]. **fascicle** [CDC20]. **fastidiosa** [BCS+22, WWR+24]. **fat** [VTDM21]. **fatality** [NAR+20]. **fate** [AVSTS23, GO21, HLW24, WA22, YFZ+20]. **fatigability** [BSV+24]. **fatigue** [MMK+24, Tay23]. **favor** [LL21]. **fear** [MSB24, PPS+21]. **fear-induced** [MSB24, PPS+21]. **feasibility** [AY22]. **feature** [LFZ+24]. **February** [Ano20p, Ano20d, Ano21p, Ano21d, Ano22o, Ano22d, Ano23l, Ano23c, Ano24k, Ano24c]. **feed** [Wad22]. **feed-forward** [Wad22]. **feedback** [Ala23, APL21, BBK23, CSF20, CMRMC+21, FG21, LYE+24, TDRC23, VB21, WvdDL+21]. **feedbacks** [ADP21]. **feedforward** [BSC20a]. **Feeding** [IYY22, SWK+20]. **female** [ASSL22, IY22, SL23]. **females** [Dal22, IIHH21]. **femoral** [SCD+23]. **ferroptosis** [KTP+20]. **Fertilization** [DCP+22, NDB20]. **fertilizers** [CT22]. **feto** [BAJ+21]. **feto-placental** [BAJ+21]. **fever** [GW20, MZG+20, ZRL+21, ZZ22]. **few** [Dal22]. **fiber** [JME24]. **fibrillar** [SK23]. **fibrillation** [DRK23]. **fibrous** [ST20]. **field** [HBK+20, MB24, WBKR22, ZLYL20, dDA21]. **fields** [LYYN20]. **filaments** [PEMLD22]. **filariasis** [ORT24]. **Filippov** [DTS21]. **final** [BD21]. **findings** [GLLP23]. **fine** [LSW20, TH20]. **fine-tuned** [LSW20]. **fine-tuning** [TH20]. **fingerprinting** [CKM+20]. **finite** [BD21, GEHL+22, HZM+21, LDF23, LL21, ML24, MTLZ22, PABS23]. **finite-time** [BD21]. **fire** [BGA21]. **firing** [BRN+22, CHT22, ZSL23]. **First** [BJG21, Ish23]. **fish**

[DCP+22, ETTT24, EHP+21, LSZ21, MLK21, MSB24, ZPP23]. **fission** [HL20]. **Fitness** [RWHK21, BP20, HMS21, MLG21, PASO21, RID23, Sme21, SS21]. **five** [ZZ22]. **Fixation** [WM20, CBBD22, EWK20]. **fixed** [HBG21]. **flatness** [Sme21]. **flicker** [BCC+21]. **flight** [GtHH20, MIP+21, Sac22]. **floating** [CRDD22]. **Flock2** [Hoe24]. **flocking** [Hoe24]. **floral** [SBJR21]. **Flow** [SVVPPR+24, AG22, CHT22, GCA+20, JJR20, KB20, MIP+21, MN23, Ros21, SVHM+21, TCH21, YBF23, YTW21]. **flow-induced** [KB20]. **flowering** [ML21, WS24]. **flowers** [HMS21, WS24]. **fluctuating** [MSLW23, SS21, UIY22, WM20]. **fluctuation** [ZX22]. **fluctuations** [BJR+22, Cai22, FSK21]. **Fluid** [ELRG21, SAK21, SWK+20, WGRE21, YTW21]. **fluid-feeding** [SWK+20]. **fluorescence** [SC21]. **fluorescence-based** [SC21]. **flux** [CP23, LB20, ZB22]. **focus** [ACF22]. **folded** [WA22]. **folding** [San21]. **follicle** [DBW22, FHR22]. **following** [dCC+23]. **food** [ASMN23, ACP20, BACS24, BD22, 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]. **foreign** [AKUN20]. **forest** [ZYLW21]. **form** [BTS24, DRO23, IHG21]. **formation** [AZdV+22, BAG+24, BPM+22, DEM+23, EP20, HYM+22, HGF23, JMD20, KG22, KGP+22, KMA+21, LFY+24, NNOBS23, NO24, PLXD+20, VGC22, WH21, YXW21, ZSS+22, ZYLW21]. **formations** [CGW22]. **forms** [Bar23]. **Formula** [GRW+21, IHG21]. **forward** [CCSF21, Wad22]. **four** [Ros22, Wad22]. **four-node** [Wad22]. **Fourier** [DH22]. **fractal** [LPSMCP23]. **fractional** [CLLL20, DSB+21, GFN23]. **fractional-dose** [CLLL20]. **fractional-order** [GFN23]. **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, 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]. **frustrated** [dLFO21]. **FtsZ** [YRMWT20]. **function** [BTS24, BAJ+21, FNGJ21, PRFSHV20, PZG20, San21, ZMKF22]. **functional** [AGTJ23, Bar23, DWNW24, KSSM20, LAP24, 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]. **game**

[AR21, CGP+20, CS20, CK20b, FFAV21, GCX+20, HPD20, IYY22, JCC20, KT20a, KT20b, Kan21, KHST21, KC22, Kur23, LYYN20, MH22b, MTLZ22, NGKB21, ORT24, PAV21, QHS23, SSBG20, YI21, Whi21]. **game-theoretic** [CS20]. **game-theoretical** [CGP+20]. **games** [BK20b, CWW22, HC24, KL21b, MMI21, MMI22, 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]. **gathering** [Pro24]. **GC** [BRBF20]. **geese** [YdKdJ+20]. **Gene** [ON24, AFTF22, ACG24, 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]. **generality** [BNPL20]. **generalization** [AM22]. **Generalized** [BACS24, GFH20, LR21, MPTCT+20, SSBG20]. **generalized-growth** [GFH20]. **generate** [SHY21]. **Generating** [XWS24]. **generation** [CSHH20, GBF20, RMSS24, SL21]. **generations** [ZZT+21]. **generative** [RMSS24]. **generic** [SUA+20]. **Generosity** [MC20a]. **genes** [Kan21]. **Genetic** [CKNCG22, RP21b, ZF21, AFTF22, CPMF+22, Di 21, IY22, Kau23, MWO21, TG22, WH21, Whi20, YST21]. **genetical** [Wil23]. **genetics** [BS22a]. **genome** [FFNG+21, GPDW20, HJKS20, LAP24, YY21, Yin21]. **genomic** [BRBF20, WBKR22]. **genotype** [WBKR22]. **genotypic** [Sme21]. **geographic** [APR+22a, WDHB20]. **geometric** [Gar24]. **geometrical** [Haj20]. **geometries** [Car23]. **geometry** [GSC23, KBS+19, KB22, 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** [HBK+20, LS21]. **Glioma** [CGGG20]. **Global** [DMR21, RRAO21, dIMM24, DSdP22, LNT23, RBG+23, YXW21]. **globally** [VCS24]. **glucagon** [GZM+20]. **glucose** [DSB+21, HBWLLPA21, 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]. **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** [MHPB23, XML22]. **grow** [KI21].

growing [GJDS20, PHN+23]. **growth** [AMSC20, AW22, AML+22, AGBLGA+22, 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, Tay23, Tsu20, WWR+24, WZP+23, ZYLW21, dJHP20]. **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].

h [DB22b]. **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, Gar23, HZM+21, Leh22]. **handling** [SL21]. **haptotactic** [BH23]. **harmonic** [KPR20, SHY21]. **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]. **health** [BW24, Swe20]. **healthcare** [BP23, CPEK23, FG21, FG22, FG23, STCSC+21]. **Heaps'** [LAP24]. **heart** [DO21, DRO23]. **heat** [ASP23, ZZGG21]. **hedging** [ZX22]. **height** [JCLS+11, JCLS+21, PZG20]. **helminths** [HVTA20]. **help** [PB22]. **helper** [Mit20]. **helps** [CS22]. **hematopoietic** [PASO21]. **hemodynamic** [LRAP22]. **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, Bai21, BE22, BS21, BYHH20, BV24, CBK23, CF20, Don23, EB24, GCA+20, LGT21, LLS+22, MCM20, POW23, PBD+20, SKS21, SMJ20, TMC+23, TCH21, WZP+23, ZWT24]. **Heterogeneous** [MCP20, DJ22, LSWVB24, Lei20, Lei24, LH20, MF24, MG21, ORW+20, Pro24, dVRA20, SLTD22, SS21, Ter23, WGRE21, WFT23, dKCA22]. **heterologous** [RY22]. **heterotypic** [ST20]. **heuristic** [MS20]. **HFMD** [XDT+20]. **hierarchical** [LH20, PRP+20, TS23, VKS+20]. **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]. **hippocampus** [AOB21, HS20, MP22]. **history** [APR+22a, AL23, KI21, KYI21]. **HIV** [GQK+21, GDQR23, HCR20, KKK+20, Mar24, NTTI22, PZJPZ23, SdB23, UV23, YHT24, YCKK24, ZXLH23]. **HIV-1** [KKK+20, NTTI22]. **HIV/AIDS** [ZXLH23]. **hive** [ZM20]. **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** [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, Bol22, BRS24, CHSB20, Cor21, Cor22, FG22, GW20, HII22, JLK22, Kis24, KBD+23, KRSG24, KH24, LMC21, MW20, OKF+21, Sin21, SYH20, TGC22, TNW21, 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]. **HPV** [SBW+22b]. **HPV-related** [SBW+22b]. **hub** [TT20]. **Hubei** [SXJ20]. **Human** [NGKB21, OIK+24, APR+22a, BBH+20, BLRV21, BC20, BGGM23, CDC20, CPM21, Dal22, GMMR22, GTE20, HVTA20, HVC+21, HL24, LAP24, MN23, OKF+21, Par22, SC23a, SCD+23, SHH20, TEWN21, ZWT24]. **human-antibodies** [TEWN21]. **human-to-human** [ZWT24]. **humanized** [GDQR23, KKK+20]. **humans** [FHR22, HD24]. **Humeri** [LZ23]. **hybrid** [ASK20, AKHM23, ACF22, CSP21, Hen20, 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** [LT23, BK20a, KBD+23, Mar24, SBW+22a, GMR+24]. **Identification** [CR20, TKB+20, 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'** [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]. **images** [LG23]. **Imaging** [Bar21, MDCK23]. **imitation** [FBA21]. **immediately** [HHI24]. **immigration** [FVC20, SS23]. **immobile** [CG21]. **Immune** [WPEP22, ACF22, AABG20, BPP+20, BT22, CAARG21, EB21, FGA+24, GF23, IHO21, JSCW21, JLK22, LLS+22, LT22, MHI23, MAHMH20, OKF+21, OGD+20, RS24, SPLS+23, SFK+23, SBC+20, SMEG22, SF23, TKRA20, WMHV24, XZZ+23, vdVPW+22]. **immunity** [Bai21, CCF+20, EB24, FG23, GFC+22, JKSD23, KT21, KPA+21, SFK+23, TNHV21]. **immunization** [SSX+22]. **immuno** [HPK+20]. **immuno-**

[HPK+20]. **immunodeficiency** [OKF+21]. **immunology** [Pat22]. **immunomodulatory** [MF22]. **immunosuppression** [GBF20]. **immunotherapies** [CPM21]. **immunotherapy** [CWL20, DCS20, GBF20, HS24, LFZ+24]. **Impact** [ASSL22, BW24, CBBD22, NAR+20, OU22, PEMLD22, SRDC21, YTY+20, BDdG22, CBK23, CLJ+23, FSK21, GFH20, GW20, HCR20, LLS+22, MN23, Ngo22, OGD+20, San21, SXL+20, SSX+22, TEWN21, WUH23]. **impacts** [APR+22a, BGM22, DTS21, PAV21, ZWT24]. **imperfect** [Kis24]. **imperfectness** [KT21]. **implantation** [CNK24, MFGACST23]. **implementation** [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, Yin21, TMTK22]. **imply** [LSW20]. **importance** [Bol22, GG23, KV23, PRHS20, SY24, TBNS23]. **important** [KHBS20]. **improve** [FBA21, GFV+23]. **Improved** [dGSNK22, LLZ+22]. **Improving** [LK20, LCYD23]. **in-host** [KBD+23]. **in-silico}** [SBSB23, TKB+20]. **in-stent** [LFY+24]. **in-vitro** [AMSC20]. **inactive** [DN22]. **inattention** [Whi21]. **inbreeding** [Sak20, Sak22a]. **incidence** [PP20, PP24]. **inclusion** [TAP+23]. **inclusion/exclusion** [TAP+23]. **Incoherent** [GK21]. **incompatible** [MSL23]. **inconsistent** [AA22]. **incorporating** [ASK20, SHH20]. **Increased** [HMS21, PD23]. **Index** [DRK23]. **India** [SRDC21]. **indication** [VKS+20]. **Indirect** [PAM24, LMB22, MCL20, PJVR23]. **indirectly** [TML20]. **Individual** [AM22, BGB+21, GFC+22, ABBP21, BEBA20, CA21, EB24, EP20, FLR23, HRD+24, KT21, MCM20, OU22, TMC+23, WS24]. **Individual-based** [BGB+21, BEBA20]. **individuals** [GG23, MHPB23, PZJPZ23]. **induced** [AR20, ASP23, AHEB+22, ACF22, BCC+21, DBW22, ETTT24, GBF20, GBRM21, JAB22, JSCW21, KB20, MP22, MSB24, MFGACST23, MHV+21, MCP20, OKF+21, PPS+21, PLSS24a, PLSS24b, SOKZ22, SF24, 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** [WPEP22, AGP+23, APF+24, AKUN20, ACF22, BLRV21, CCF+20, CAARG21, CWF23, Cor21, Cor22, GMMR22, Goy21, GQK+21, GDQR23, HI20, HVC+21, HBGV+21, HSAH20, IH23, JLK22, Kee23, KBD+23, KM22, KKK+20, LMC21, NM23, PWC+23, RY22, SPLS+23, SdB23, SMEG22, WMHV24, WMO23, XYK+20, YdKdJ+20]. **infections** [CPEK23, HPSA21, HPSA23, JD21, KPH+24, XDT+20]. **infectious** [AN22a, GBHNHVL23, GJCLMQC20, JKH+23, KHB+22, MD22, MN23, MBHG+24, SOGK+23, ZWT24]. **infectious-contagious** [GJCLMQC20]. **infectiousness** [CR20, LWM23]. **infectivity** [NAR+20]. **infer** [CLSB23]. **Inference** [GFH20, WZKM21, WW22, GFL23, LT23, LG23, MMS+23, RW20, TMC+23, VTDM21, WBS20]. **inferred** [WHRH+23]. **Inferring** [MCMdAM24, RBG+23]. **infinite** [GPDW20]. **inflammation**

[ATP22, MHV+21, NM23, QYY+23]. **inflammation-causing** [ATP22]. **inflammatory** [EE23]. **Inflected** [MIP+21]. **inflight** [YBF23]. **inflorescence** [WS24]. **influence** [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]. **inhibition** [BSC20a, CPMF+22, DB22a, HL20, MCP20, Wal22]. **inhibitor** [SF23]. **inhibitors** [PD23, TAP+23, XZZ+23, vdVPW+22]. **inhibitory** [AKHM23]. **inhomogeneities** [SP20]. **initial** [GB23]. **initiated** [HI20]. **initiation** [EE23]. **initiatives** [DAB+23]. **injury** [AHS23, GBRM21]. **Innate** [WPEP22, ACF22, CAARG21, EB21, GF23]. **inner** [QYY+23]. **innovation** [SHK20]. **inoculation** [MGZ+21]. **input** [SHY21, Wad22]. **input-output** [SHY21]. **inputs** [ACD20]. **insect** [BB21b, CCPD22, IIHH21, MSL23, PR21]. **insecticide** [HPWvdB20, Ngo22, ORT24]. **insecticide-treated** [Ngo22]. **insects** [GCA+20, SAK21]. **insight** [LX21, SXJ20, ZBT22]. **Insights** [WRB22, TKRA20, DCL23, GGG21, Sco24]. **Insightsl** [DDDMT22]. **inspired** [BFG21]. **instability** [AW22, XDZ+21]. **insulin** [DYS+21, GC20, GZM+20, LML24, Swe20]. **integrated** [JA23, KKS23]. **integrating** [BvdG20]. **integration** [TKR+21]. **integrations** [Goy21]. **integrative** [BSV+24]. **integro** [CSP21]. **integro-differential** [CSP21]. **Intelligent** [RMSS24]. **inter** [FMO23]. **inter-determined** [FMO23]. **interact** [MBT22]. **interacting** [FLR23, PB22, PAV21]. **interaction** [AFTF22, AAL+21, CLW+24, CLSB23, CA21, EPF20, FBSD22, KHBS20, MTLZ22, Nah20, PJVR23, TMC+23, TTBL21, Xie23, ZSS+22]. **Interactions** [MCL20, YJBF20, AKHM23, AABG20, ADP21, BT22, BS22b, DEM+23, FBJR20, FGA+24, FBD23, GF23, GCA+20, HYM+22, HLW24, MMG21, MK21, MCMdAM24, MWO21, OGD+20, WCWL21]. **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]. **interpretation** [BAJ+21]. **interruption** [DMPIG24]. **interruptions** [HCR20]. **interstellar** [KJV20]. **interstitial** [WGRE21]. **interval** [AOB21, WS24]. **intervals** [ZZT+21]. **intervention** [IHG21, PRHS20, SRDC21]. **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**

[CAARG21, PLXD+20, PEMLD22]. **intracranial** [DRO23]. **intraguild** [SYH20]. **intratumoral** [WGRE21]. **intrinsic** [LMA21, SSKP24]. **invaders** [vdBMB+23]. **invagination** [JA23]. **invasion** [AZdV+22, BH23, CGY+23, CGGG20, DTLS24, FSC21, KMA+21, MH22a, MCM20, PJB21, WHH22]. **invasive** [DP22, MGCH21, 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]. **investigations** [WGRE21]. **involved** [BBK23, MHI23, PJVR23]. **involving** [HHI24]. **iodate** [PLSS24a, PLSS24b]. **iodate-induced** [PLSS24a, PLSS24b]. **ion** [MI20]. **ionizing** [DBW22]. **irreversible** [CG21]. **irruptions** [VP22]. **ischaemic** [WP21]. **ischemia** [NMC+21]. **ischemia-reperfusion** [NMC+21]. **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, PLSS24a, PP24, Sch21a, Sch23, SSKS20, Xie22]. **jackal** [KM22, MK21]. **January** [Ano20q, Ano20e, Ano21q, Ano21e, Ano22p, Ano22e, Ano23m, Ano23d, Ano24l, Ano24d]. **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, Ano24m, Ano24e]. **jump** [GWZ+22]. **junction** [WS22, YMR24]. **junction-coupled** [YMR24]. **June** [Ano20s, Ano20g, Ano21s, Ano21g, Ano22r, Ano22g, Ano23o, Ano23f, Ano24n, Ano24f]. **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]. **kin** [HZM+21, Sco24, SBJR21, WFT23]. **kin-selection** [WFT23]. **kinase** [NTTI22]. **kinesin** [Xie21, Xie22, Xie23, Xie24]. **Kinetic** [GGS+24, KHAK21, LML24, PTZ21]. **kinetically** [PRFSHV20]. **Kinetics** [SSKP24, SD20, SGJ+24, WZP+23, dCC+23]. **Kingdom** [LMW21]. **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]. **lag** [DB22b]. **lake** [SH21]. **Lamarckian** [DMR21]. **lamellipodium** [MLK21]. **laminar** [Ost23]. **land** [CBBD22, PGP23]. **landscape** [MBT22, SFK+23]. **landscapes** [BB21b, RID23, dKCA22]. **Laplacian** [LLZ+22]. **lapse** [LG23]. **Large** [LSW20, FFR23, 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]. **law** [CLG20, Ish23, LAP24, Ros21, Wad22]. **layer** [AG22]. **lead** [FSNS20, HSAH20]. **leaders** [FPX20]. **leadership** [PP22]. **Leading** [PLSS24a, PLSS24b]. **leads** [CWR21, ZM20]. **leaf** [LKP+20]. **leakage** [SLCC22]. **learn** [GWZ+22]. **learned** [New20]. **Learning** [Ala23, AJR+20, CA21, LFZ+24, MDCK23, NR20, OU22, Par22, YCKK24]. **Learning-based** [Ala23]. **learnt** [DAB+23]. **leaves** [Ros22]. **leg** [ABOR20, KPP20]. **legal** [HL21]. **LEGO** [MPTCT+20]. **LEGO-based** [MPTCT+20]. **Leibler** [HGF23]. **length** [CLW+24, HL24, LKP+20, SBC+20, SSR21]. **length-dependent** [SBC+20]. **lengths** [GW21]. **Lepidopteran** [SAK21]. **leprosy** [GSR23]. **leptin** [Swe20]. **lesions** [AOB21]. **lessons** [DAB+23]. **letter** [PMCLC+23]. **leucine** [NTTI22]. **level** [ASK20, GG23, HDM20, KHAK21, SKS21, WHRH+23]. **levels** [BKP23, CTL+22, CDdV23, CN20, Ros22, TCH21]. **Lewis** [Ano21-49]. **Lewy** [Kuz24b]. **Li** [KK22a]. **Life** [AL23, APR+22a, BBDB22, Di 20, HL24, IYY22, KI21, 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, RB22, RBD+20, SSM+22]. **likelihood** [GFH20]. **limit** [BM20, 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** [SSKS18, SSKS20]. **linear** [KL21b, MPTCT+20]. **Link** [CLW+24, SY24, ZYLW21]. **linked** [KNK21, Swe20, VTDM21]. **Linking** [DHLS20, LX21, GHS18, GHS20]. **lipid** [Swe20]. **literature** [NR20]. **little** [BF20]. **lived** [TS23, ZF21]. **liver** [GBRM21, HBWLLPA21]. **livestock** [BGB+21, CBBD22, KHW+22, SHH20]. **livestock-associated** [SHH20]. **living** [Bar21, ND22, TBNS23]. **load** [BNP+21, LZ23, PWC+23, SdB23, SHH20]. **loading** [IHO+20]. **loads** [Xie20, Xie21, Xie22]. **lobe** [PR21, TKR+21]. **local** [BP21, BYHH20, ETTT24, FOY21, HCC+21, LNT23, LRST22, RBG+23, SMEG22, Ter23, WCD21]. **localities** [ENMW21]. **Locally** [BGC+20, SC23b]. **location** [PCR23, ZLYL20]. **loci** [KNK21]. **lockdown** [SXJ20]. **lockdowns** [BGM22]. **Lockhart** [CLD21]. **locomotion** [CCSF21, ELRG21]. **locus** [Sak22b, SSS21]. **lodging** [BSJ20]. **logarithm** [Wad22]. **logical** [ZMKF22]. **logistic** [Sch18, Sch21a]. **Long** [COB23, FGC24, Rav21, BW24, BBH+20, HD24, MPH+22, MGFS+20, MWO21, PL20, SAK21, SXL+20, SWK+20, TS23, WCD21, ZF21]. **Long-distance** [COB23]. **long-lived** [TS23, ZF21]. **long-range** [MGFS+20]. **Long-term** [FGC24, Rav21, MWO21, PL20, SXL+20]. **longitudinal** [DNK+24, LKP+20, Xie21, Xie22]. **loop** [DB22a, FG21, Wad22]. **losers**

[PPFB24]. **loss** [BD22, CBKS21]. **lost** [CK20b, KC22]. **Lotka** [CLSB23, MMG21]. **Low** [ABOR20, ASS+23, CWR21, KHAK21]. **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** [ORT24, RRZDF20]. **lymphopoiesis** [CMRMC+21]. **lysogen** [CWR21].

MacArthur [Bar23]. **machine** [HXK+20]. **machinery** [GHS18, GHS20]. **machines** [TH20]. **macro** [MPTCT+20]. **macroevolution** [DHLS20]. **macromolecular** [OLF+24]. **Macrophage** [FLRR23, BE22, FLR+21, LMC21]. **macrophages** [BJB+20, EB21]. **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]. **making** [Bai21, JCC20, PP22]. **malaria** [AY22, Hen20, MSL23, MSK+22, Ngo22, SLML20]. **male** [AKHM23, IY22, YI21]. **males** [IIHH21, Jam21]. **Malpractice** [CKI20]. **mammal** [Dal22]. **Mammalian** [GT20, ASK20, WSEK23]. **Management** [PRHS20, AJR+20, BB21b, CBBD22, FG21, HPWvdB20, MH22a, OKT+21, SYI20, TMTK22]. **mandatory** [FHM20]. **maneuver** [RRAO21]. **manifest** [YY21]. **manipulate** [SMS20]. **manure** [CBBD22]. **Many** [BTS24]. **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, Ano24o, Ano24g]. **MARCKS** [FET+24]. **marginal** [WBS20]. **marine** [BvdG20, Dal22, IYY22, TP24, XDZ+21]. **marital** [CK20b, SW22]. **mark** [SKNvRL23]. **mark-dead-recovery** [SKNvRL23]. **Markov** [CP23, FPGC21, LZW23, PRP+20]. **Markovian** [BBDB22, VCS24]. **marsh** [ZSS+22]. **mass** [KJV20, RS24]. **master** [GFN23]. **master-slave** [GFN23]. **mastitis** [SYI20]. **Maternal** [NTTI22, SL23, ZF21]. **Mathematical** [AGP+21, AMA20, AY22, BE22, BLRV21, BT22, BSV+24, BGA21, EB21, GMR+24, HI20, LHG+22, LCMW21, MPH+22, MHV+21, PASO21, Rob22, SL23, Swe20, TEWN21, TCH21, WP21, YE21, vdVPW+22, ABB+22, AML+22, ASL+24, AMR+23, APR+22b, BBK23, BCK24, BJB+20, BGC+20, CGY+23, CNK24, CRGGSC20, CBH+22, CBH+23, CHMM23, CMRMC+21, DAB+23, 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, Lei20, Lei24, LLS+22, LGBG23, MF21, MF22, MDF21, NWVN20, OGD+20, PPFB24, PAM22, PGC+22, RT24a, Roy21, RY22, SXL+20, SSX+22, SF23, SF24, SNK20, SOGK+23, SBJR21, TKRA20, WWR+24, WRB22, WCWL21, WSC+22, WSEK23, XYK+20, XZZ+23, YTH+21, dCC+23]. **maths** [DAB+23]. **mating** [CT22, GCM23, RWHK21, Sak22a]. **Matrix**

[PJB21, ABC+21, BH23, GHA+20, IHO+20, ST20]. **matrix-deposited** [BH23]. **matter** [FFNG+21]. **maximizes** [Sme21]. **maximizing** [HMS21]. **maximum** [GFH20, GRW+21]. **May** [Ano20u, Ano20i, Ano21u, Ano21i, Ano22t, Ano22i, Ano23q, Ano23h, Ano24p, Ano24h, FVB20, LPD23, PD23, ZWC+22]. **MCF7** [GHB22]. **mChialvo** [SMM+23]. **mean** [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, TKR+21]. **mechanics** [Coh20, GADDVG+24, GRW+21, SS22]. **Mechanism** [HH21, MP22, ACD20, FZE22, GT22, HL20, NNOBS23, NO24, OY21, SAK21, SVHM+21, Xie23, YXW21, ZLYL20]. **Mechanisms** [SK23, WS22, CLD21, CBK+20, GGS+24, HD22, 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]. **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** [KR22]. **menopausal** [Dal22]. **menstrual** [ASSL22, AGBLGA+22]. **mesenchymal** [GHB22]. **mesh** [LMLP20]. **mesoderm** [JA23]. **meta** [MS20]. **meta-heuristic** [MS20]. **metabolic** [CP23, CKM+20, CTL+22, CDdV23]. **Metabolism** [CRGGSC20, CKM+22, ISC23, JS23, LPBMA21, Swe20]. **metabolites** [SL24]. **metacommunities** [MG21, QPL21, RH23]. **metacommunity** [BACS24, Cai22, VB21]. **metapopulation** [BYHH20, HAP22, LNT23, MH22a, MM22, dKCA22]. **metapopulations** [ON24]. **metastatic** [DBS23, GYY+23, Han23]. **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, TMC+23, YAN21, YCKK24, YLT22]. **methods** [BKP23, KHB+22, MS20, PTZ21, SOGK+23, TH20, WBS20]. **methylation** [DKSP24, GK20, LS21]. **metrics** [PB21, ZMKF22]. **MGMT** [LS21]. **MI** [REK20]. **mice** [GDQR23, WMHV24]. **micro** [DHLS20, BAJ+21]. **micro-CT** [BAJ+21]. **microalgae** [PP20, PP24, MB21]. **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]. **microplastics** [WW24]. **microRNA** [PL20, SOKZ22]. **microRNA-mediated** [PL20]. **microscopic** [GHS18, GHS20]. **microscopy** [LG23]. **microtubule** [AW22, JMD20, Xie23, YSK23]. **microtubule-based** [JMD20]. **microtubules** [RKP20]. **microvascular** [KG23]. **microvasculature** [HBK+20]. **microvesicle** [DMR21]. **microvessels** [FFR23]. **midbrain** [ZSL23]. **migrating** [SKNvRL22]. **migration** [BEBA20, DHLS20, HVTA20, HH20, MPC+24, OKT+21, PABS23, 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]. **miRNA-mediated** [BJG21]. **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, AGP+21, AG22, AKHM23, Ala20, Ala23, AZdV+22, AHW21, ABK24, ABOR20, ABB+22, AML+22, AGBLGA+22, ACF22, ACP20, AABG20, AMR+23, AZYF+23, BCC+21, BRN+22, BvdG20, BPP+20, Bar23, BC21, BGB+21, BBDB22, BJB+20, BGC+20, BRBF20, Bol22, BM20, BAG+24, BV24, BGGM23, BGA21, BGM22, CGY+23, CNK24, CGK23, CRGGSC20, CLF+22, Car23, CBH+22, CBH+23, CMLM23, CF20, CGW22, CDC20, CLSB23, CS20, CCSF21, CBKS21, CSP21, CGGG20, CA21, 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, FGA+24, FET+24, FLR+21, FLRR23, FSC21, DNK+24, GTGB21, GDd+21, GFH20, GMMR22, GSW+23, GCX+20, GCC20, GO21, GGSTS21, GJDS20]. **model** [GFN23, GBRM21, GBHNHVL23, GW20, GF23, GGG21, GPDW20, GHF22, GHS18, GHS20, GYY+23, HIA+22, HBK+20, HAP22, HPG+24, HYM+22, Hen20, HCJT23, HBWLLPA21, Hoe24, HXZ+22, ISC23, IH21, IY22, JS23, JME24, JFCK20, JA23, JWKA21, JCLS+11, JCLS+21, JLK22, JKH+23, KT20b, KG22, KR22, KKS23, KK22a, KHW+22, KSSM20, KJM20, KHAK21, KKK+20, LSWVB24, LS21, LR21, LMB22, LYE+24, LPBMA21, LLS+22, LMS21, LX21, LGBG23, LFJ21, LMA21, LCYD23, MP22, MLK21, MSB24, MD22, MFGACST23, Mar24, MEPS22, MH22b, MI23, MPC+24, MEBNZ24,

MF21, MF22, 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, Roy21, RY22, RBW20, SPLS+23, Sak22b, SSB20, SLTD22, SKNvRL22]. **model** [SKNvRL23, SD20, Sch17, Sch23, SMEG22, SRDC21, SL21, SLML20, SWK+20, SF23, SF24, SBW+22a, SNK20, SBSB23, SFYL20, SHH20, SD22, SUA+20, SVHM+21, SXJ20, SH21, SBJR21, Swe20, TMTK22, Tay23, TTBL21, TH20, Tsu20, TKRA20, VKS+20, VA22, VGC22, WWR+24, WSY21, WDH+20, WCWL21, WFT23, WDA+23, WSEK23, XYK+20, XZW+24, YWQX23, YHT24, YTH+21, YM23, ZSN22, ZG21, ZWC+22, ZWT24, dLFO21, dCC+23, EHA+21]. **Model-based** [BMB+21, FHR22, ECH+23]. **modeled** [EE23, IJROTE22, ZSS+22]. **modelers** [ZMKF22]. **Modeling** [ATAJS20, AW22, BW24, BBH+20, CCF+20, CAARG21, CHT22, CLJ+23, CPM21, DSB+21, DBW22, FFR22, GHB22, Goy21, GQK+21, GDQR23, HBGV+21, JKSD23, KG23, KBS+19, MK21, MF24, MDG24, ND24, PGP23, PWC+23, RNP+21, RSPB+22, SJNRS20, Ter23, UV23, Wal22, WMHV24, ZRL+21, ZZ22, ASL+24, Avv21, BCK24, BS21, BYHH20, BT22, BSV+24, BLP20, CC22, DRO23, FLR23, GADDVG+24, GMR+24, GTE20, GFV+23, GEHL+22, HI20, HS20, JHFMP+21, KV23, KLLL22, KTP+20, KM20, KK23, Kuz24c, LRAP22, LHG+22, LSZ21, LCMW21, LB20, MMK+24, MHV+21, MAHMH20, MCP20, NDB20, PCLL21, PRFSHV20, Pat22, PHL+23, PBB20, PAM22, RRZDF20, SVVPPR+24, SBC+20, SL23, TCH21, TTBL21, Tha24, VTDM21, WLJ+20, WSC+22, XWS24, XZZ+23, YSP+23, YE21, ZQHN24, CCA20, FGES24, KBS+20, LZZ+23]. **modelled** [CG21]. **Modelling** [ASSL22, AMSC20, BHW+20, 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, CBK23, CMRMC+21, CN21, DAB+23, DLN20, DEM+23, GCC20, GZGH22, GLLP23, GtHH20, 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, ASMN23, AR21, ADP21, BK20a, CK20a, CN20, DSdP22, DCL23, FS22, FSKG20, FVC20, FGC24, HTD22, KPH+24, LT23, LK20, LH20, MMG21, MPH+22, MCO21, PLAC22, RB22, RT24a, Rob22, RMG+21, Sco24, SBW+22a, SBB+22, SMM24, TNHV21, VCS24, WCM+21, WW24, WHRH+23, Wor20, XKV20, XCFH23, ZPP23, dDA21]. **modes** [PJB21, Tsu20, XZW+24]. **modification** [BSS+20]. **modifications** [HSL24]. **Modified** [JKH+23, BAU+22, NAR+20]. **modular** [BEO+22, SY24, TS23, YLZ+21]. **modularity** [PMCLC+23, SY24]. **modularity-disease** [SY24]. **modulate** [KPP20]. **modulates** [CCPD22, CBZK21, WCD21]. **modulating** [HS24]. **modulation** [GK21]. **modules** [RW20, YLZ+21]. **moiety** [GHA+20]. **Molecular**

[CRRRP+20, Sch21b, SMS20, Xie23, ACD20, MPTCT+20, Nah20, OSAR21, RK22b, RBG+23, SS23, TH20, Xie24, ZSN22]. **molecularly** [PK23]. **molecularly-explicit** [PK23]. **molecule** [CNK24, KJV20]. **molecule-mediated** [CNK24]. **molecules** [KJV20]. **moment** [HH21]. **moments** [Sch18, Sch21a]. **monitoring** [DSB+21, PLAC22]. **monogamous** [HH20]. **monolayer** [MI23]. **monomers** [Kuz24c]. **Monte** [LGT21]. **Moon** [RBW20]. **Morphogen** [WA22]. **Morphogen-directed** [WA22]. **morphogenesis** [MMS+23]. **morphology** [HXS21]. **mortality** [MGCH21, NAR+20, SFYL20, ZQHN24]. **mosquito** [TEWN21]. **most** [DAB+23]. **moth** [TKR+21]. **moths** [GtHH20]. **Motif** [GW21, Wad22]. **motility** [Avv21, BM20, PK23, TCMA21]. **motion** [BFG21, PP20, PP24]. **motions** [YBF23]. **motor** [RKP20, Sch21b, Xie21, Xie22]. **motors** [Xie20, Xie23, Xie24]. **mound** [FOY21]. **mouse** [CPHL+20, KKK+20, dGSNK22]. **mouth** [RLW+21]. **mouthpart** [SAK21]. **movement** [ABBP21, EP20, FH23, HVC+21, HL24, LFJ21, MI20, OIK+24]. **movements** [CCPD22]. **moving** [CCSF21]. **mRNA** [ECBR20]. **mtDNA** [HD22]. **mTORC1** [GMS20]. **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, GSW+23, HSAH20, 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-type** [SS23]. **multi-year** [HSAH20]. **multicellular** [MCO21, SMEG22, WMO23]. **multidrug** [GSR23]. **multifarious** [KKS23]. **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, XCH+20, Yam24, vBW20]. **multiplied** [CLW+24]. **Multiscale** [PP20, PP24, ST20, BCC+21, CGGG20, DSM+23, SMEG22, YJZ+24]. **Multisolitons** [FET+24]. **Multisolitons-like** [FET+24]. **multispecies** [RK22b]. **Multistability** [Pfe22, FLR+21]. **multistable** [GT22]. **multivariate** [PLM24]. **mumps** [APR+22b]. **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** [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]. **mutualisms** [MRK24]. **mutualistic** [BSC20b, DBD23, KYI21]. **mutualists** [YJBF20]. **mutually** [GQG23, YST21]. **mutually-repressed** [YST21]. **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]. **nanoparticle** [ASP23]. **nasal** [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]. **NCHB** [PZG20]. **near** [BM20]. **nearest** [Ios21]. **necessary** [SLCC22]. **neck** [SCD+23]. **necrotic** [BAG+24]. **nectar** [HZS+21]. **needed** [GFV+23]. **negative** [BBK23, LYE+24, LMS21, SVHM+21]. **neighbor** [Ios21]. **neighboring** [ENMW21]. **Neisseria** [TKB+20]. **neither** [HHI24]. **nematode** [EBK21]. **neocortical** [GFN23]. **Nepal** [AGP+21, AGP+23]. **nervous** [CGGG20]. **nested** [NBBR23]. **nestedness** [Bau20]. **net** [RP21b]. **nets** [ASK20, Ngo22, ORT24]. **Network** [PB21, RT24a, TNHV21, VTDM21, ACG24, AZYF+23, BSC20a, CLW+24, CPMF+22, CC22, DBS23, EWS23, FLRR23, GFN23, GSMG22, LK20, Nah20, PZXC22, PABS23, dAPdBMTS20, dVRA20, RBG+23, SOKZ22, SMM+23, WDT+20, WLW19, WLW20, YZSS20, YST21, YdKdJ+20]. **Network-based** [RT24a]. **network-structured** [PABS23]. **networks** [AGTJ23, BGB+21, Bau20, CP23, CKM+20, CKNCG22, DBD23, EIK+21, EWS23, GT22, IKYW21, KG23, LL20, LWXM20, MM22, PJVR23, PPGB20, PB21, PZG20, RMSS24, RW20, RBG+23, Ter23, Tha24, WW22, XWS24, YLZ+21, dDA21]. **Neural** [GtHH20, LL20, MB24, WDT+20]. **Neuro** [GT20]. **Neuro-Glia** [GT20]. **neurobiology** [Bar21]. **neurodegenerative** [FSKG20, RB22]. **neuromuscular** [WS22]. **neuron** [BSC20a, YMR24]. **neuron-system** [BSC20a]. **neuronal** [BBK23, CHT22, YLZ+21, ZSL23]. **neurons** [BRN+22, GFN23, SHY21, TKR+21]. **neurovascular** [BSC20a, CGK23]. **Neutral** [MY20, BJR+22, FVC20, PLM24]. **neutralization** [PS22a]. **neutralizing** [dCC+23]. **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** [YM23, HGCC22, PEMLD22, SOKZ22, Tsu20, WS22, WNHK21, YFZ+20]. **Noise-induced** [YM23, SOKZ22]. **noises** [YM23]. **noisy** [DF22]. **Non** [DB22b, FZE22, Xie20, AMSC20, BE22, BB21b, FGC24, GTGB21, HL24, IHG21, JKH+23, Kan21, LRST22, MTLZ22, MWO21, Täu20, TBNS23, TH21, VCS24, XKV20, ZWC+22]. **Non-24-h** [DB22b]. **non-adaptive** [Täu20]. **Non-cooperative** [FZE22]. **non-enzymatic** [TH21]. **non-equilibrium** [AMSC20]. **non-essential** [Kan21]. **non-grouping**

[TBNS23]. **non-homogeneous** [IHG21]. **non-human** [HL24]. **non-Kolmogorov** [XKV20]. **non-Markovian** [VCS24]. **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, SVHM+21]. **nonlocal** [EIK+21, MMG21, VGC22]. **nonparametric** [CRG+23]. **nor** [HHI24]. **normalization** [HS24]. **normoxia** [CBZK21]. **northwest** [XDT+20, ZZ22]. **Notch** [Pfe22, SMS20]. **Nothing** [EBA21]. **Novel** [GT20, IB21, ASF22, FSC21, GGSTS21, HXK+20, LMC+20, MZLJ20, MS20, PRJ+20, RP21b, Roy21, SLTD22, TMC+23, VGC22, YJZ+24]. **November** [Ano20v, Ano20j, Ano21v, Ano21j, Ano22u, Ano22j, Ano23r, Ano24q]. **nuclear** [LHG+22]. **nucleation** [FSKG20, IMM24, RB22]. **nucleotide** [BEO+22]. **null** [CCSF21]. **number** [BTS24, DF22, HMS21, KRSSH21, LMW21, XDT+20]. **Numerical** [KG22, Kuz24c, MPA23, AKHM23, Osb24, PP20, PP24]. **nuptial** [IY22]. **nurse** [MCL20]. **nut** [ZLYL20]. **nutlin** [AAL+21]. **nutlin-3a** [AAL+21]. **Nutrient** [MSB24, ABB+22, AML+22, ACP20, LGBG23, OTI+20, SFYL20]. **nutrient-** [AML+22]. **nutrient-limited** [LGBG23]. **nutrient-phytoplankton** [SFYL20]. **nutritional** [FHTK20].

O [AG22]. **obesity** [SF24, VTDM21]. **obesity-induced** [SF24]. **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]. **October** [Ano20w, Ano20k, Ano21w, Ano21k, Ano22v, Ano23s, Ano24r]. **ocular** [Ost23]. **ODEs** [ILGI20]. **off** [APR+22a, BSS+20, Cai22, MEA21, VP22]. **offs** [ADLM24, SUA+20]. **Ohio** [KBW+23]. **old** [SL24]. **Olfactory** [HCC+21, PR21, Bar21, TKR+21]. **Oligomerisation** [Koc20]. **olive** [BCS+22, WWR+24]. **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]. **opinion** [YSP+23]. **opinion-transfer** [YSP+23]. **Optic** [YBF23]. **optically** [SC21]. **Optimal** [ASP23, CGW22, CS20, CS21, GQG23, HMS21, IMM24, Kis24, KYI21, MSLW23, MH22a, PLAC22, UIY22, VMRSL23, YCKK24, APL21, BKP23, CD22, DBD23, GCX+20, HPWvdB20, MB21, MSL23, MC20a, NDB20, PHL+23, RG21, SYI20, SBM+20, TATT21, TTBL21, ZZB+21]. **optimality** [BF20, MBF21]. **optimally** [NTTI22]. **Optimisation** [KKL20]. **optimising** [FG22]. **Optimization** [KK23, DCS20]. **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]. **Ordovician** [ELRG21]. **organisation** [ES20, PRP+20]. **organised** [AMSC20]. **organisms** [HL21, 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]. **Oryctes** [CGY+23]. **oscillation** [HXZ+22]. **Oscillations** [SGJ+24, CSF20, CBK+20, LYE+24, MP22, PLXD+20, PK23]. **oscillatory** [IHO+20, MP22]. **OSIRIS** [BvdG20]. **osmoregulation** [UIY22]. **osmotic** [DN22]. **osmotically** [DN22]. **osteoblast** [CPMF+22]. **osteochondral** [CNK24]. **osteogenic** [DBTI21]. **otter** [LZ23]. **outbreak** [BGM22, CR20, LRST22, MBHG+24, SOGK+23, YLT22, ZRL+21]. **outbreaks** [APR+22b, BCS+22, BFSA23, ENMW21]. **outcome** [Goy21]. **outcomes** [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].

p38 [KLLL22]. **p53** [AVSTS23, AAL+21, BAU+22, NWVN20]. **packing** [RID23]. **paddy** [LYYN20]. **paediatric** [SdB23]. **PafBC** [FK21]. **PafBC-mediated** [FK21]. **pair** [AZdV+22, CT22]. **pair-formation** [AZdV+22]. **pairwise** [LK20]. **pancreatic** [CHMM23, FVB20, PAM22]. **Pandemic** [HMLO+23, AGP+23, APF+24, ASS+23, DAB+23, JKH+23, NGKB21, XCH+20, dIMM24]. **pandemics** [STCSC+21]. **paper** [WM20]. **papillomavirus** [GMMR22, GTE20]. **paradigm** [AA22, BH20]. **paradox** [Sco24]. **Parameter** [DCS20, KBD+23, SBW+22a, DO21, FHR22, GMR+24, IMM24, KH20, SBB+22]. **parameters** [GB23, GFV+23, SC21, WHRH+23]. **Parasite** [HK21]. **parasites** [CBPG23, TEWN21]. **parasitic** [MCL20]. **parasitoid** [KH24, Sin21, VP22]. **parasitoids** [MGCH21]. **parent** [Sak22a]. **Park** [KM22]. **Parkinson's** [HXZ+22]. **parsimonious** [FGC24]. **Part** [GADDVG+24, DAB+23, CTL+22, CDdV23]. **partial** [SMM24, VGC22]. **particle** [BLRV21, LFY+24]. **particles** [HYM+22]. **partner** [EBA21, ZWWW23]. **passage** [BJG21, WA22]. **Passive** [PCR23, AJR+20, BC21]. **past** [CKNCG22, Pro24]. **patch** [GSC23, SXJ20, ZZB+21]. **paternal** [HMS21]. **path** [LKP+20]. **pathogen** [HI20, LT22, MW20, TGC22]. **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** [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, SMM+23, TWT23, TKR+21, WS24, WDHB20]. **pause** [AW22]. **payoffs** [KL21b]. **PD** [BS21, LBF24]. **PD-1** [BS21]. **PD-L1** [BS21]. **peer** [LDL+24]. **PEF** [ZLYL20]. **pellets** [SVVPPR+24]. **pendulum** [ABOR20]. **peptide** [KKL20, WDT+20, ZLYL20]. **perception** [MGFS+20]. **performance** [CBKS21, FGES24, WM21b]. **period/multi** [dIMM24]. **Periodic** [MC20b, LFJ21, LW20, NKE23]. **periodical** [KMA+21]. **periodicity** [XDT+20, Yin21]. **periodicity-2** [Yin21]. **Peripheral** [PS22b]. **Perivascular** [dGSNK22, YTW21]. **permeability** [EE23, SJNRS20]. **permeabilization** [QYY+23]. **permits** [ABOR20]. **peroxisome** [VTDM21]. **persistence** [CHSB20, JAB22]. **Persistent** [Ste21b, AABG20]. **Personalized** [NDB20, YTH+21]. **perspective** [BCK24, GADDVG+24, RSPB+22, SKS21, Ste21a]. **perspectives** [ZZB+21]. **perturbation** [HLW24]. **perturbations** [QPL21]. **pest** [BB21b]. **pesticides** [GJCLMQC20]. **pests** [IIHH21]. **petri** [ASK20]. **pH** [AML+22]. **pH-stress** [AML+22]. **phage** [Mit20, TTBL21]. **phage-bacteria** [TTBL21]. **phagocytosis** [dLFO21]. **Phanerozoic** [TP24]. **Phantom** [FVB20]. **pharmaceutical** [FGC24, JKH+23, LRST22, ZWC+22]. **pharmacodynamical** [AAL+21]. **pharmacodynamics** [MPA23]. **pharmacokinetics** [MPA23]. **pharmacological** [GCNZ+21, MCL21]. **pharmacology** [BS21]. **phase** [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]. **Phenotype** [BV24, DLN20, FBSD22, FLRR23, MEA21, RMSS24, WZP+23, WBKR22]. **Phenotype-** [DLN20]. **phenotype-detection** [RMSS24]. **phenotype-genotype** [WBKR22]. **Phenotype-structured** [BV24, FBSD22, MEA21]. **Phenotypes** [WPEP22, EB21]. **Phenotypic** [CBZK21, LS21, CBK23, EWK20, GDLF20, GFL23, MSLW23, PCLL21]. **phenotypically** [APL21]. **Philip** [Whi21]. **Philippines** [ECH+23]. **phloem** [COB23]. **phosphate** [SGJ+24]. **phosphoinositide** [dLFO21]. **phosphoinositide-based** [dLFO21]. **phospholipid** [SSKP24]. **phosphorus** [MDF21, TMTK22]. **photoacclimation** [MB21]. **photobioreactor** [PP20, PP24]. **Photoinhibition** [SC21]. **photoreceptor** [WCWL21]. **phyllotaxis** [OY21, Wal22]. **phylogenetic** [BK20a, CKTW24, GMV+20, Ish23, LT23, MGVS21, PZG20, SSR21]. **phylogeny** [BPM+22]. **physical** [LPBMA21, YXW21]. **Physically** [GCC20]. **Physically-plausible** [GCC20]. **physics** [Avv23]. **Physiological** [FSNS20, FGES24]. **physiology** [ASSL22]. **phytoflagellates** [BEBA20].

phytoplankton [MSB24, OLF+24, PB22, SFYL20]. **PID** [GFN23]. **pig** [SHH20, ZRL+21]. **pigmentosa** [Rob22]. **Pillars** [Don23, 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, ASF22, CCA20, CLD21, DP22, LKP+20, MRK24, MTB24, MGZ+21, NNG20, Wal22, WWR+24, WLJ+20]. **plant-herbivore** [MTB24]. **Plant-microbe** [MC22]. **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]. **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** [DBD23]. **polarization** [BBK23, Car23, FLR+21, KJM20, PLXD+20]. **policies** [WUH23]. **policing** [CKB+21]. **policy** [FHM20, TT20, TATT21]. **poliomyelitis** [CGP+20]. **pollen** [HMS21]. **pollinator** [MRK24, QHS23]. **pollinators** [HMS21]. **pollutants** [ZZ22]. **Pólya** [PLM24]. **Pólya-splitting** [PLM24]. **polymerization** [IMM24]. **polymorphism** [BK20a, ZF21]. **polymorphism-aware** [BK20a]. **polymorphisms** [MRK24]. **polyploidization** [MDG24]. **polyploids** [PS22b]. **pool** [FBA21, SdAM24]. **pools** [RBD+20]. **Poor** [ZM20, SdB23]. **poorly** [BC20]. **popular** [Mar24]. **Population** [FSKG21, HC24, SKS21, APR+22a, AR20, AKUN20, Bai21, BS22a, D'A20a, D'A20b, EWS23, EP20, EBK21, GB23, GG23, HK21, HZM+21, HSAH20, HL21, KHAK21, LGT21, LDF23, LL21, LH20, MGVS21, MTLZ22, MCP20, MB22, NKE23, PP20, PP24, RH23, SSB20, SXL+20, ST20, SBW+22a, Sin21, SD22, TBNS23, WZP+23, WSY21, WHRH+23, YI21, ZZB+21]. **Population-level** [SKS21, GG23, WHRH+23]. **populations** [AS21, ASS+23, BJR+22, BB21a, BKZ+22, BRS24, CN21, IHG21, LDL+24, LG23, Lio18, Lio24, LH20, LRST22, ML24, MCMdAM24, MEA21, NBBR23, ORW+20, PLAC22, PABS23, PRHS20, PAV21, dVRA20, Sak20, Sak22b, SC23b, SS21, WH21, WM20, WFT23]. **portrait** [GZGH22]. **position** [YBF23]. **possible** [BBK23, JME24, KI21]. **post** [PWC+23]. **posterior** [CSP21, HGF23]. **potassium** [SL21]. **potato** [EBK21]. **potential** [CSHH20, KPA+21, LMA21, MBHG+24, NSD22, PAM22, TKB+20, Wal22, WS22, WUH23, XSH+24]. **Potts** [TCMA21]. **power** [FMO23, Ros22, WM21a]. **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, GtHH20, IDD23, SYH20]. **Predator** [ASMN23, QPL21, AM22, BG21, FSKG21, KHBS20, KSSM20, Leh21, PPS+21, STB20, XKV20]. **predator-prey** [AM22, KSSM20, Leh21]. **predators** [CBPG23]. **predict** [CKM+20, dMQHRGA+22]. **predictability** [PL20, YLZ+21]. **Predicting** [LMW21, REK20, SL24, WDT+20, LFZ+24, Tsu21]. **prediction** [CLW+24, DTLS24, KYI21]. **predictions** [CCA20, GFV+23]. **Predictive** [YRMWT20, AHW21, EPF20, JLK22, PGC+22]. **predicts** [CF20, LSWVB24, LHG+22, Swe20]. **preferences** [ZWWW23]. **preferentially** [KKL20]. **pregnancy** [ASSL22]. **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, ORT24]. **prey** [ABvH+20, AM22, BSC20b, BG21, CBPG23, FSKG21, KHBS20, KSSM20, Leh21, MSM23, PPS+21, PTK+24, STB20, TBNS23]. **Price** [Lio18, Lio24]. **primary** [Ost23]. **principal** [PWC+23]. **principle** [WH21]. **principles** [AN22b, LTS+21]. **printed** [BMB+21]. **prion** [FSKG20, GCNZ+21, RB22]. **prion-like** [FSKG20, RB22]. **prioritization** [KIM+22]. **priority** [TT20]. **prisoner** [MMI22]. **pro** [LBF24]. **pro-cancer** [LBF24]. **Probabilistic** [DEM+23, JCC20, GBHNHVL23]. **probabilities** [RK22b]. **Probability** [FVC20, CCSF21, EWK20, FSK21, GMV+20, MGVS21, MCM20, YLT22, ZWT24]. **problem** [Ios21, MB21]. **problems** [FBA21]. **proboscid** [SWK+20]. **proboscises** [SAK21]. **procedure** [NDB20]. **process** [AMSC20, Bai21, BH20, EE23, EBK21, GWZ+22, GADDVG+24, HS20, IB21, LMS21, LZW23, NNOBS23, NKE23, NTTI22, SS23, SRB+24, San21, SHK20, ZWT24]. **process-based** [EBK21]. **processes** [Bol22, CNK24, GC20, PLM24, Wad22]. **processing** [DB22a, MB22, SLCC22]. **produces** [ZM20]. **production** [BLRV21, DDDMT22, Kuz24a, OTI+20, Tsu21, YI21]. **productivity** [MTB24, WDHB20]. **Professor** [Ano21-49]. **profile** [KBD+23, RMSS24]. **profiles** [DRO23]. **progenitor** [VGC22]. **programmatic** [LT22]. **programmes** [SXL+20]. **programming** [SYI20]. **progression** [CBH+22, CBH+23, PCLL21, WMO23, YXW21]. **project** [YLT22]. **Projecting** [KBW+23, SFK+23]. **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, TMTK22]. **promoting** [Cor21, Cor22]. **prone** [PRHS20]. **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]. **proposing** [KV23]. **prosocial** [LDL+24]. **prospect** [HGCC22]. **prostate** [CPM21, RNP+21, VVD24]. **protection** [CWF23, KT21, SSS21]. **protein** [AVSTS23, BJG21, CLW+24, CWT+23, 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]. **prothrombinase** [GGS+24]. **protoxylem** [JMD20]. **provide** [Wad22]. **provides** [JME24, ZYLW21]. **Province** [APR+22b, SXJ20]. **provinces** [ZZ22]. **provisions** [KT20b]. **pseudo** [WBS20]. **pseudo-marginal** [WBS20]. **public** [CPS20, FPX20, FFAV21, JCC20, RP21a]. **Puerto** [VMRSL23]. **pulmonary** [DEM+23]. **Pulsatile** [DB22a]. **pulsations** [YTW21]. **pulse** [Bau20, CKM+20, DB22a]. **pulsed** [ZLYL20]. **pumping** [dGSNK22]. **punishment** [CPS20, FFAV21, JCC20]. **purine** [RP21b]. **pyloric** [Avv21]. **pyrimidine** [RP21b].

QAP14 [GYY+23]. **QSARs** [MPTCT+20]. **qualitative** [DMPIG24]. **quality** [BBDB22, BYHH20, EBA21, HL24]. **Quantification** [YRMWT20, DLN20, RT24a, YHT24]. **quantifies** [HBK+20]. **Quantifying** [ACG24, KKK+20, OKF+21, OTI+20, SD22]. **Quantitative** [PRFSHV20, PGML20, DH22, IY22, YLT22]. **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 [KK23]. **R0** [IHG21]. **rabies** [MK21]. **radiation** [DBW22, MAHMH20]. **radiations** [PLR24]. **radical** [MSK+22]. **radiobiology** [KK23]. **radiotherapy** [CBZK21, CBK23, KK23, MEBNZ24, MAHMH20, SLTD22]. **radiovirotherapy** [ATAJS20]. **radius** [Kuz24b]. **random** [ABBP21, ABC+21, BFG21, CKTW24, 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]. **Rapid** [Täu20, CRG+23]. **rare** [MZLJ20]. **rat** [GMR+24, GEHL+22]. **ratchet** [BS22a, KNK21]. **Rate** [DCL23, AL23, BS22a, CPEK23, CT22, IHO21, KHAK21, Kuz24a, MMS+23, NAR+20, PZJPZ23, Tsu21]. **Rate-dependent** [DCL23]. **rates** [AM22, BRN+22, BLRV21, FVC20, GFL23, LZW23, MGFS+20, MTLZ22, RS24, ZYLW21]. **Ratio** [RS24, Gar23, HPSA21, HPSA23, NAR+20, WSY21]. **Ratio-dependent** [RS24, WSY21]. **ratios** [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]. **real** [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]. **reciprocity** [LMB22, 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]. **recycling** [TMTK22]. **red** [HDM20]. **reduce** [BD21]. **reduced** [JS23, RH23]. **Reducing** [CK20b, SF24, SCD+23]. **reduction** [ASK20, RRAO21]. **reductionism** [Bar21]. **Redundancy** [MEA21]. **Redundancy-selection** [MEA21]. **reef** [HPG+24, JCLS+11, JCLS+21]. **reef-building** [HPG+24]. **reencounter** [SKNvRL22]. **reflection** [GFH20, SKS21]. **reflux** [Avv21]. **refuges** [BB21b]. **refusal** [PB21]. **regeneration** [ABB+22, CNK24, CMLM23, HFD23, Lei20, Lei24, MFGACST23]. **regenerative** [DBW22]. **region** [ACF22]. **regions** [HMLO+23]. **registry** [HRD+24]. **regular** [BK20b]. **regularization** [LLZ+22]. **regularly** [SMM+23]. **regulated** [YST21]. **regulates** [NTTI22]. **regulating** [QYY+23]. **regulation** [AG22, CHMM23, 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, KV23, RW20, Tha24, WW22]. **reinfection** [CLJ+23, Kee23, NVS20]. **relapses** [FRMK22]. **relapsing** [FRMK22]. **relapsing-remitting** [FRMK22]. **related** [MGCH21, PLSS24a, PLSS24b, SBW+22b]. **relating** [HL24]. **relations** [Wal20]. **Relationship** [TAP+23, JS23, SW22, SYH20]. **relationships** [BAJ+21, GSC23]. **relative** [CR20, TBNS23]. **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]. **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, LFT+23, MC20b, SH21]. **repopulation** [LR21]. **Report** [CKI20]. **reported** [Kee23, LMW21]. **reports** [YTY+20]. **representation** [GtHH20, Kan21, LDaH22, NR20]. **Representing** [CKM+22]. **repressed** [YST21]. **repressive** [ADP21]. **reproduce** [FBSD22, SPLS+23]. **reproduction** [BB21a, DF22, HSAH20, XDT+20, Yam24]. **reproductive** [AM22, KRSSH21, MSM23, PLR24, Sme21]. **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, Ros21, Sch17, Sch23, SNK20, SP20]. **resistant** [CPM21, SHH20, VVD24]. **resolution** [KPH+24]. **Resolving** [CT22]. **Resource** [KHST21, FHTK20, MB21, MRK24, MC20a, OKT+21, RK22a, SdAM24, SLCC22, VVD24, Wor20, EHA+21]. **resource-based** [VVD24]. **resources** [BP23, FBA21]. **respiratory** [CWF23, GJCLMQC20]. **Response** [TKRA20, WPEP22, AVSTS23, ACD20, ACF22, BPP+20, Bau20, BT22, BLP20, CAARG21, CBZK21, CLLL20, CKM+20, DAB+23, DCP+22, FG23, FBA21, FK21, FHTK20, KHW+22, KSSM20, LPSMCP23, LLS+22, LFZ+24, LT22, MF24, MEBNZ24, OKF+21, QPL21, SBC+20, SMEG22, SVHM+21, SH21, Ter23, TKR+21, 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]. **reticulum** [PO20]. **retina** [ABK24, BCC+21, FSNS20, YBF23]. **retinal** [SS22]. **retinitis** [Rob22]. **return** [LMA21]. **reveal** [DB22a, FLR+21, LWM23]. **reveals** [ASF22, AABG20, BLRV21, CLD21, GGSTS21, Goy21]. **reversal** [Leh21]. **review** [GLLP23]. **revisit** [JS23]. **revisited** [Bol22, CK20b]. **Revisiting** [Mar24, MY20, SY24]. **reward** [JCC20]. **rhinoceros** [CGY+23, CGY+23]. **rho** [KJM20]. **rhythm** [KMI23]. **rhythms** [BCK24, GK20, 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, GtHH20, LWM23, MHPB23, NVS20, RLW+21, SSB20, SCD+23, VCS24, 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]. **robustness** [ACG24, ADP21, DMAC21, IKYW21, WDA+23]. **rock** [BFG21, WM20]. **rods** [ABK24]. **Role** [Avv23, PCLL21, PZXC22, WPEP22, AMA20, AM22, BE22, BB21a, BFSA23, CRGGSC20, EB21, FOY21, GDd+21, GBRM21, Goy21, GDLF20, HS20, ISC23, JD21, KT20b, Leh21, LPBMA21, LWM23, LT22, LMA21, MMS+23, NWVN20, NSD22, PGP23, PR21, PP22, RZRS+22, RY22, RSPB+22, RH23, SMJ20, SCD+23, WA22, WCWL21, XSH+24, 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]. **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, HZM+21, JCC20, Leh22]. **Rule-based** [WCM+21].

Rules [GRW+21, Leh22, ZMKF22]. **Run** [GRW+21]. **Runaway** [LPD23]. **running** [ABOR20, GRW+21]. **ruthless** [Bar21].

Saccharomyces [San21]. **sacoglossan** [YYI21]. **saddles** [WA22]. **same** [SW22]. **sample** [LSW20, TAP+23]. **samples** [SC21]. **Sampling** [SL22, DPR21]. **sanctuary** [PZJPZ23]. **sarcoplasmic** [PO20]. **SARS** [ACF22, BLRV21, BFSA23, CWF23, CLJ+23, CPEK23, CWT+23, GFV+23, GFC+22, Hil23, JMWX23, KRSSH21, Kee23, KBD+23, LRST22, PD23, PWC+23, 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, GFV+23, GFC+22, Hil23, JMWX23, Kee23, KBD+23, LRST22, PWC+23, Roy21, TAP+23, WUH23, WHRH+23, XCFH23, YY21, dCC+23]. **sauropod** [KI21]. **savanna** [ES20, BGA21]. **scaffold** [MFGACST23]. **scaffolding** [KLLL22]. **scaffolds** [BMB+21]. **scalar** [AOB21]. **scale** [CCPD22, Coh20, FGES24, LX21, MZG+20, NNOBS23, dMQHRGA+22, Täu20, ZRL+21]. **scale-free** [CCPD22]. **scales** [GHS18, GHS20, HVC+21, PJB21, vBW20]. **scaling** [LHG+22]. **scarlet** [ZZ22]. **scavengers** [KM22]. **scenario** [KI20]. **scheduled** [BAU+22]. **scheme** [LMC+20]. **schistosomiasis** [VGTY21]. **Schooling** [CRDD22]. **scissors** [WM20]. **scleractinian** [WDA+23]. **sclerosis** [AHS23, FRMK22, MF21]. **scrambled** [HJKS20]. **screening** [SXL+20]. **scrutiny** [GHF22]. **Sea** [WSY21, OKT+21, YYI21]. **search** [HCC+21, IH21]. **searching** [Kan21]. **seasonal** [ML21, STB20]. **seasonality** [APR+22b]. **seasonally** [KHB+22]. **seasons** [HSAH20]. **Second** [AZdV+22, LMB22, LPD23, REK20]. **second-order** [LMB22, LPD23]. **secondary** [RY22, San21]. **secretion** [GZM+20]. **secrets** [CKNCG22]. **sectional** [YAN21]. **sediment** [JCLS+11, JCLS+21, ZSS+22]. **Seed** [PB22, KP21]. **seeing** [PZ20]. **segment** [HJKS20]. **segmental** [Avv23]. **segregation** [dKCA22]. **Selection** [AN22b, TP24, 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]. **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** [MHPB23]. **selfishness** [MC20a]. **Semi** [BH23, LPBMA21]. **Semi-autonomous** [BH23]. **semi-physical** [LPBMA21]. **senescence** [BF20]. **senile** [Kuz24a, Kuz24c]. **sensing** [DH22, PCR21]. **sensitive** [Wad22]. **sensitivities** [FHR22]. **sensitivity** [Ala23, APF+24, Bar23, BD22, Cor21, Cor22, DSdP22, FLR+21, GSMG22, KBD+23, RRAO21, Swe20, VGTY21, DMAC21]. **sensitivity-based** [GSMG22]. **sensitizes** [FK21]. **sensory** [TKR+21, Wad22]. **Seoul** [JKH+23]. **Separate** [HSAH20]. **Separation** [BA24, HS20, dMQHRGA+22, SVHM+21]. **sepsis** [RZRS+22]. **September**

[Ano20x, Ano20l, Ano21x, Ano21l, Ano22w, Ano22k, Ano23t, Ano23i, Ano24s]. **sequence** [NCL20]. **sequence-dependent** [NCL20]. **sequences** [CK20a, GW21, HBG21, LDaH22]. **sequencing** [SS23]. **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, SW22, SL23]. **Sexes** [CK20b]. **sexual** [ZXLH23]. **sexually** [HPSA21, HPSA23]. **SGL** [HXK+20]. **SGL-SVM** [HXK+20]. **Shanghai** [ZWW22]. **shape** [CRRRP+20, LKP+20, MTB24, QPL21, Ste21b, Tsu20, dIMM24]. **shaped** [ASMN23]. **shapes** [APR+22a, Haj20, KSSM20]. **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** [PL20, SWK+20]. **short-** [PL20]. **shortening** [AW22]. **shows** [BJB+20, IH21, WDA+23]. **Shrinkage** [ZZT+21]. **sib** [GCM23]. **sideways** [Xie21, Xie22]. **Sidney** [Whi21]. **sigmoid** [SBW+22a]. **Signal** [Koc20, Wal20, BSC20a, Tsu21, Wad22, YLZ+21]. **signaling** [ACD20, BEO+22, CF20, DB22a, GHB22, LPD23, LML24, MF24, MCL21, MB22, Pfe22, 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, HIA+22, BH20]. **simian** [OKF+21]. **simian/human** [OKF+21]. **similarity** [CLW+24, LDaH22]. **Simple** [dVRA20, BRN+22, BRBF20, DPR21, HCC+21]. **Simplified** [XCFH23, DNK+24, GCC20, HXZ+22, Sco24]. **Simulating** [MEBNZ24, YZB20, MI23]. **Simulation** [GEHL+22, WS24, BTS24, ELRG21, dGSNK22, PO20, SCHH20, ZG21]. **simulations** [AKHM23, FSC21, LZZ+23, Osb24]. **Sina** [YSP+23]. **Sina-microblog** [YSP+23]. **Singaporean** [FPX20]. **single** [DRO23, FVB20, JHFMP+21, KPH+24, SSKS18, SSKS20, TCMA21, WM21a, WM21b, YM23]. **single-cell** [KPH+24]. **single-channel** [JHFMP+21]. **sink** [MGZ+21]. **SIR** [CGW22, Whi21]. **SIRS** [EB24]. **SIS** [LMG22]. **Sisyphus** [BFG21]. **Site** [RK22b, Sch21b]. **sites** [CRDD22, GPDW20, 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]. **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, CC22, CA21, DB22b, GGSTS21, GCA+20, Hoe24, IH23, JAB22, KT20b, 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]. **solutions** [DMAC21, PLM24]. **soma** [TG22]. **Somatic** [BC20, HRD+24, TS23]. **song** [MPH+22]. **source** [CRRRP+20, LMC+20, SXJ20]. **South** [LMW21]. **space** [AABG20, CCSF21, 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, PLAC22, PZ20, PJB21, RH23, SMJ20, SSBG20, WMO23, ZLYL20, ZWT24, vBW20]. **spatial-temporal** [ZWT24]. **Spatially** [ABK24, BYHH20, FSKG20, LZZ20, RB22, BB21a, D'A20a, D'A20b, ISC23, KMA+21, SD22]. **Spatially-dependent** [ABK24]. **Spatially-extended** [FSKG20, RB22]. **Spatio** [CBK23, WDH+20, BE22, MD22, POW23, Tsu20, WDA+23]. **spatio-stochastic** [MD22]. **Spatio-temporal** [CBK23, WDH+20, BE22, POW23, Tsu20, WDA+23]. **Spatiotemporal** [ZWW22, Pfe22, SMEG22, SP20]. **spawners** [BYHH20]. **specialization** [AM22, TG22, Whi20]. **species** [BP20, BA24, DP22, ES20, FVC20, MMG21, PS22a, PMD21, PZ20, PB22, RT24b, RP21b, SdAM24, Sme21, UV23, YM23, ZF21, ZX22, RH23]. **specific** [CWT+23, DCL23, DO21, DLN20, GT20, KPH+24]. **spectrum** [WM21a, XDZ+21]. **speed** [GRW+21, KPP20, XML22]. **speeds** [ABOR20]. **Spike** [YLZ+21, CWT+23]. **spiking** [BRN+22, LL20, PR21]. **spinal** [LSZ21]. **spiral** [OY21]. **spite** [BS22b, Kur23]. **Split** [ACMT24]. **splitting** [GHA+20, PLM24]. **spontaneous** [WH21]. **sporogony** [TEWN21]. **spots** [Tsu20]. **spread** [AHW21, BGB+21, BGC+20, HPSA21, HPSA23, HFD23, ILGI20, MD22, MN23, PGP23, RLW+21, SRDC21, SHH20, WWR+24, YTY+20]. **Spreading** [SS22, XML22, CGK23, CRGGSC20, FSKG20, GCA+20, LWXM20, RB22, TT20, TATT21]. **sprouting** [NNOBS23]. **Square** [FS22]. **stability** [ASMN23, Don23, GSMG22, KRSG24, LMB22, LFT+23]. **stabilizes** [Sin21]. **stabilizing** [Bau20, BYHH20]. **stabilizing/destabilizing** [BYHH20]. **stable** [GK21, MIP+21, MC20b]. **staff** [WUH23]. **stage** [EBK21, Han23, LWM23, PPS+21, Sak20, SGJ+24, SJNRS20]. **stage-dependent** [LWM23]. **stage-structured** [EBK21, PPS+21]. **stages** [MPA23, RG21, VGC22]. **stance** [GRW+21]. **standard** [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, KH20, WLJ+20, CK20a, SSKS18, SSKS20, TH20]. **statistics** [MZLJ20]. **status** [LS21]. **Staying** [VB21]. **steady** [ESW24, HTD22, MDF21, SOKZ22, SVHM+21]. **steady-flow** [SVHM+21]. **stealing** [SVHM+21]. **stem** [ABB+22, BC20, EWK20, FBC23, LSZ21, Lei20, Lei24, PASO21, SK21, WvdDL+21, XZW+24, YWQX23]. **stem-cell** [LSZ21]. **stems** [HH21]. **stent** [LFY+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, KGP+22, RKP20, ZG21, BRBF20, DCS20, FLRR23, HII22, HCR20, KHAK21, LS21, LFT+23, MH22a, MD22, MCMdAM24, MPC+24, NKE23, SSB20, SBB+22, WSW21, WZP+23, WHH22]. **Stochasticity** [JAB22, Bar23, PS22a]. **Stochasticity-induced** [JAB22]. **Stoichiometric** [WW24, GHA+20, SMJ20]. **storage** [PS22a]. **strain** [CLJ+23, DBTI21, GSW+23, LMG22, MEPS22, MCM20, TGC22]. **strains** [TWT23]. **strand** [AZYF+23, TH21]. **strand-displacement** [TH21]. **Strategic** [Whi21]. **strategies** [ADLM24, CWW22, CS20, CS21, GMMR22, GW20, GQG23, HPWvdB20, HCC+21, IHG21, KT21, KIM+22, Kis24, MSLW23, MMI21, MC20a, Mit20, MMI22, RT24b, RWHK21, STCSC+21, TNHV21, TNW21, WSW21, ZBT22]. **strategy** [AHW21, BP23, BK20b, BPM+22, DBD23, ECH+23, HMLO+23, KPP20, LL21, MSL23, SKS21, ZZB+21]. **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, BSS+20, BK21, DBD23, EPF20, GHS18, GHS20, RBG+23, San21, SY24, WW22, WSY21, Wor20, ZF21, ZYLW21]. **Structure-function** [BAJ+21]. **structured** [AABG20, APR+22b, BB21a, BV24, CBH+22, CBH+23, DDDMT22, EBK21, FPGC21, FBSD22, FBD23, HK21, HTD22, LL20, LDL+24, Lio18, Lio24, LRST22, MCMdAM24, MEA21, ORW+20, PPS+21, PABS23, SSBG20, SMM+23]. **structures** [BAJ+21, FOY21, NKE23, PS22b, RK22a, RBD+20]. **studies** [BEO+22, GW20, PGC+22, XWS24]. **Study** [CWL20, AGP+23, Avv23, APR+22b, BBK23, BTS24, CWT+23, EP20, FNGJ21, GMMR22, GJDS20, GSR23, GK20, GBHNHVL23, HS20, KBD+23, LLS+22, LX21, LRST22, MC20b, NMC+21, NKE23, PCLL21, PZ20, PBB20, PO20, RBG+23, Sch17, Sch23, SRDC21, SXL+20, SSX+22, WWR+24, WDH+20, WSC+22, XZZ+23, YSP+23, ZZGG21, ZQHN24, ZBT22].

Studying [ILGI20, KV23, OKT+21]. **sub** [SR24, SHY21]. **sub-exponential** [SR24]. **sub-harmonic** [SHY21]. **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]. **subtree** [CKTW24]. **success** [MSM23, RP21a]. **successful** [AS21]. **succession** [PLR24]. **suction** [NNG20]. **suggests** [ELRG21, LSZ21, SAK21]. **SUMOylation** [ZZGG21]. **sunfish** [Ios21]. **superinfection** [GW20, Hen20]. **superspreading** [BFSA23]. **supplementary** [SSX+22]. **supply** [CLLL20, RK22a]. **support** [DAB+23, HXK+20, YBF23]. **suppress** [IIHH21, TT20, TATT21]. **Suppression** [Tsu20, MHI23]. **surae** [CDC20]. **surface** [NSD22, TCMA21, YSK23]. **surgical** [LMLP20]. **surrounding** [FBSD22]. **surveillance** [vdBMB+23]. **surveys** [GFV+23]. **survival** [RT24b, SKNvRL23, TP24, ZX22]. **survive** [SKNvRL22]. **Survivor** [KL21a]. **Susceptibility** [GJCLMQC20, GFC+22, Kis24, RMG+21]. **susceptible** [GGSTS21, JKH+23, LK20]. **susceptible-exposed-infectious-recovered** [JKH+23]. **susceptible-infected-susceptible** [LK20]. **sustainability** [FBA21]. **SVM** [HXK+20]. **Sweden** [KPA+21]. **sweeps** [Kau23]. **swimming** [CG21, YTW21, ZPP23]. **swine** [ZRL+21]. **switch** [FRMK22, GZM+20, SBSB23]. **switches** [DB22a]. **Switching** [IHO+20, ASMN23, GDLF20, GFL23, MSLW23, PCLL21]. **symbiont** [KRSG24, VB21]. **symbionts** [BRBF20, VB21]. **symbiosis** [MC22]. **Symbiotic** [FFAV21]. **symmetric** [KL21b, LSZ21, YWQX23]. **Symmetry** [RP21b, WH21]. **symptom** [CR20]. **synapse** [KR22]. **synaptic** [KKS23, SMM+23]. **synchronization** [AR20, AGTJ23, BACS24, GFN23, SMM+23]. **synchrony** [KH24, QPL21, YdKdJ+20]. **syncytia** [JD21]. **syndrome** [BCS+22]. **synergistic** [DMAC21, HS24, MGZ+21, RNP+21, SCD+23]. **synergistically** [IIHH21]. **synergy** [MAHMH20, PD23]. **synthetic** [RBG+23, XWS24]. **system** [BSC20a, BT22, FLR23, FGA+24, FSKG21, GF23, JSCW21, KMI23, KYI21, KH24, MTB24, MHI23, MAHMH20, PASO21, RRZDF20, SdAM24, ZZB+21]. **Systematic** [HGF23, HLW24, LL20]. **Systems** [KTP+20, ACMT24, BP20, BS21, BEO+22, CBBD22, CHSB20, GCM23, GCC20, JAB22, KRSG24, LSW20, LTS+21, MMS+23, OKT+21, RG21, Sal24, SK23, TDRC23, TH20, Wal20, WBS20].

T [BCK24, CF20, CWL20, HPK+20, KV23, KKL20, PGC+22, RY22, WMHV24]. **T-cell** [HPK+20]. **table** [RP21b]. **Tag** [BS22b]. **Tag-based** [BS22b]. **tagging** [KKS23]. **Tale** [CCVB+21]. **tandem** [GGG21]. **target** [DMAC21, SPLS+23]. **target-cell** [SPLS+23]. **targeted** [IIHH21]. **targeting** [ZLYL20]. **targets** [HGCC22, TKB+20]. **tasks** [BTS24, Yam24]. **taste**

[BSS+20]. **Taylor** [YTW21]. **TBD** [TNW21]. **TCP** [LR21]. **teaching** [VA22]. **technique** [IIHH21, MSL23]. **teleost** [LSZ21]. **telescoping** [KPP20]. **Temperate** [CWR21]. **Temperature** [ADP21, BGC+20, EBK21, FGES24]. **temperature-driven** [BGC+20]. **Temporal** [AR20, HII22, MB22, SWK+20, BCC+21, BE22, CBK23, ILGI20, PS22a, POW23, PR21, Tsu20, WDH+20, WDA+23, ZWT24]. **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]. **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]. **their** [ABBP21, CKNCG22, CN21, Haj20, KK22b, MWO21, SKNvRL22, Xie23]. **Theor** [Akh23, CBH+23, Cor22, HPSA23, JCLS+21, Lio24, PLSS24a, Sch21a, Sch23, SSKS20, Xie22]. **Theoret** [Lei24, PP24]. **theoretic** [AR21, CS20]. **Theoretical** [Avv21, CPMF+22, D'A20a, Don23, GB23, GK20, GHS20, NV22, PCR23, WLW20, CCA20, CGP+20, CTL+22, CDdV23, FFR23, GCX+20, MCL20, dMQHRGA+22, Sal24, Tay23, ZZB+21]. **Theory** [KJV20, MPTCT+20, RK22b, Akh22, Akh23, AA22, DMPIG24, KI21, Kan21, KYI21, KP21, dGSNK22, LYYN20, Leh22, MB24, POS21, PLM24, WBKR22, ZYLW21]. **therapeutic** [TKB+20]. **therapeutics** [PRJ+20]. **therapies** [SLML20, SBM+20]. **therapy** [Ala23, ABB+22, BCGG21, BH20, CGGG20, DMAC21, FBC23, GSR23, HD24, LR21, PHL+23, PGC+22, SC23a, SF23, SAG21]. **thereby** [Wad22]. **Thermal** [FGES24]. **thermodynamics** [Tsu21]. **thermoplasty** [DLN20]. **thermoregulation** [BBH+20, ZM20]. **Thermotogales** [KI20]. **thick** [SC21]. **thickness** [SCD+23]. **thin** [BMB+21]. **thinning** [JME24]. **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]. **thrombus** [LFY+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** [AN22a, BKP23, BJG21, BD21, BRBF20, BK20b, CK20b, EWS23, HBG21, KG23, KK22a, KC22, Kuz24b, LR21, LDaH22, LWM23, LG23, OLF+24, PRHS20, TH21, YST21, GC20]. **time-delayed** [YST21]. **time-dependent** [LR21, OLF+24]. **time-lapse** [LG23]. **time-varying** [LWM23]. **timeline** [IJROTE22]. **times** [FVC20, Sch18, Sch21a, Xie23]. **timescale** [ZSL23]. **timescales** [BA24]. **timing** [AOB21, CR20, GGSTS21]. **tip** [dJHP20]. **tipping** [DBD23]. **tissue** [BC21, BMB+21, Car23, CGGG20, DCL23, DWNW24, GO21, HBWLLPA21, KF20, LGBG23, MI23, Osb24, SLTD22, TCH21, WZKM21]. **tissues** [CBK23, Coh20, HCSAB21, WvdDL+21, WMO23]. **TMPRSS2** [PD23]. **toe**

[ASSL22]. **tolerance** [JKSD23]. **tongue** [HZS+21]. **top** [BD22, SMJ20]. **top-down** [SMJ20]. **topics** [YSP+23]. **topographically** [MPC+24]. **topography** [TCMA21]. **Topological** [Ish23, SD22, BP21, Ste21a]. **topologies** [EWS23]. **topology** [dAPdBMTS20, RH23, WLJ+20]. **tornadoes** [BSJ20]. **total** [ESW24, FGC24, LKP+20, PZJPZ23, RH23]. **toxicity** [MSB24]. **Trabecular** [SCD+23]. **trachomatis** [AMA20]. **Tracing** [OSAR21, AHEB+22, BGM22]. **tracing-induced** [AHEB+22]. **tract** [ATP22, CWF23]. **Trade** [APR+22a, ADLM24, BGB+21, Cai22, HL21, MEA21, SUA+20]. **Trade-off** [APR+22a, Cai22, MEA21]. **trade-offs** [ADLM24, SUA+20]. **trading** [KHW+22]. **traffic** [Sch21b]. **tragedy** [KHST21]. **trait** [CN21, DH22, IS20]. **traits** [ASF22, APL21, BTS24, CN20, CN21, LMG22, LT22, MWO21, vBW20]. **Transcription** [ACD20, NCL20]. **Transcription-based** [ACD20]. **transcriptional** [LMA21, 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, CG21, GHB22, HLW24, HSL24]. **Transitions** [YFZ+20, FLRR23, NO24, Pfe22]. **translation** [BJG21, San21]. **transmissibility** [YAN21]. **Transmission** [AGP+21, ZXLH23, APF+24, CPHL+20, CRG+23, GSW+23, GFV+23, HFD23, KRSG24, KP21, LX21, LZZ+23, LWM23, SSX+22, SY24, TWT23, 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, MGCH21]. **travel** [KC24]. **treated** [Ngo22, ORT24, PZJPZ23]. **Treatment** [XZZ+23, BBDB22, CBK23, DTS21, DCS20, FB23, FB24, FRMK22, GCNZ+21, HIA+22, HAP22, HS24, Hen20, HCR20, LPSMCP23, MCL21, MF22, NMC+21, PZXC22, RNP+21, SC23a, YTH+21]. **treatments** [SLTD22]. **tree** [GMV+20, MGVS21, NM23, TS23, ZYLW21]. **trees** [BBR+21, CKTW24, Ish23, PS22b, SSKS18, SSKS20, SSR21, Tay23, WWR+24]. **trials** [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, QPL21, Rob22, RH23]. **tropical** [CRDD22]. **True** [KPR20]. **trust** [JCC20]. **trust-based** [JCC20]. **TSTDP** [KR22]. **tuberculosis** [CZN+21, FPGC21, NVS20, PBD+20, AKUN20, JLK22]. **Tumor** [HAP22, SRB+24, AABG20, BT22, BAG+24, CLSB23, FBSD22, FSK21, FGA+24, GDd+21, GF23, HS24, HXK+20, JS23, LPSMCP23,

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Anonymous:2020:EBm

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Anonymous:2020:EBn

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Anonymous:2020:EBo

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Anonymous:2020:EBq

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Anonymous:2020:EBt

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Anonymous:2020:EBv

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Anonymous:2020:EBw

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Anonymous:2020:EBx

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[Ano24-36] 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`.

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[APF+24] Leonardo Angeli, Constantino Pereira Caetano, Nicolas Franco, Steven Abrams, Pietro Coletti, Inneke Van Nieuwenhuyse, Sorin Pop, and Niel Hens. Who acquires infection

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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(??):Article 111125, July 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322001230`.

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[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(??):Article 110212, July 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320300679`.

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

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[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(??):Article 111194, 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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[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(??):Article 110460, 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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[AW22] Frederick Laud Amoah-Darko, Jr. and Diana White. Modeling microtubule dynamic instability: Microtubule growth, shortening and pause. *Journal of Theoretical Biology*, 553

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[AZdV+22] Jesse B. Alderliesten, Mark P. Zwart, J. Arjan G. M. de Visser, Arjan Stegeman, and Egil A. J. Fischer. Second compartment widens plasmid invasion conditions: Two-compartment pair-formation model of conjugation in the gut. *Journal of Theoretical Biology*, 533(??):Article 110937, January 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321003568`.

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

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[BA24] Lydia J. Buckingham and Ben Ashby. Separation of evolutionary timescales in coevolving species. *Journal of Theoretical Biology*, 579(??):??, February 21, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519323002850`.

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[BACS24] Dweepabiswa Bagchi, Ramesh Arumugam, V. K. Chandrasekar, and D. V. Senthilkumar. Generalized synchronization in a tritrophic food web metacommunity. *Journal of Theoretical Biology*, 582(??):??, April 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519324000407`.

Bonifacio:2024:CMC

[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(??):Article 110795, 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(??):Article 110630, 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.

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[Bar23] Frédéric Barraquand. No sensitivity to functional forms in the Rosenzweig–MacArthur model with strong environmental stochasticity. *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/S0022519323001637`.

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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(??):Article 110073, 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(??):Article 110914, January 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321003337`.

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[BB21a] Lewis J. Bartlett and Mike Boots. The central role of host reproduction in determining the evolution of virulence in spatially structured populations. *Journal of Theoretical Biology*, 523(??):??, August 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321001399`.

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[BB21b] Tom R. Brewer and Michael B. Bonsall. Combining refuges with transgenic insect releases for the management of an insect pest with non-recessive resistance to Bt crops in agricultural landscapes. *Journal of Theoretical Biology*, 509(??):Article 110514, 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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[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(??):Article 111237, ???? 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322002338`.

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[BBH+20] Selenne Bañuelos, Janet Best, Gemma Huguet, Alicia Prieto-Langarica, Pamela B. Pyzza, and Shelby Wilson. Modeling the long term effects of thermoregulation on human sleep. *Journal of Theoretical Biology*, 493(??):Article 110208, May 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320300631`.

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

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[BBR+21] Robert M. Beyer, David Basler, Pasi Raumonen, Mikko Kaasalainen, and Hans Pretzsch. Do trees have constant branch divergence angles? *Journal of Theoretical Biology*, 512(??):Article 110567, March 7, 2021. CO-

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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(??):Article 110153, 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(??):Article 110488, 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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[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(??):Article 110524, 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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[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(??):Article 111118, 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(??):Article 110557, 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(??):Article 111027, 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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[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(??):Article 110973, February

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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 (??):Article 111207, 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(??):Article 110241, 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(??):Article 111222, 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(??):Article 110002, 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(??):Article 110331, October 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320301867`.

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[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(??):Article 110873, 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 of Theoretical Biology*, 509(??):Article 110515, January 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320303702`.

Bassett:2021:IBM

[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(??):Article 110820, 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(??):Article 110117, 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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[BGGM23] Laurent Boudin, Céline Grandmont, Bérénice Grec, and Sébastien Martin. A coupled model for the dynamics of gas exchanges in the human lung with Haldane and Bohr's effects. *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/S002251932300187X`.

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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(??):Article 110919, 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 anticancer therapy as Darwinian process. *Journal of Theoretical Biology*, 485(??):Article 110038, January 21, 2020. CO-

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[BH23] Scott A. Baldwin and Jason M. Haugh. Semi-autonomous wound invasion via matrix-deposited, haptotactic cues. *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/S0022519323001029.

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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(??):Article 110072, 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(??):Article 110256, July 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519320301119.

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[BJG21] Kuheli Biswas, Mohit Kumar Jolly, and Anandamohan Ghosh. First passage time properties of miRNA-mediated protein translation. *Journal of Theoretical Biology*, 529 (??):Article 110863, November 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519321002824.

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[BJR+22] Madhumitha Balasekaran, Michal Johanis, Jan Rychtár, Dewey Taylor, and Jackie Zhu. Quasi-neutral evolution in

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[BK20a] Rui Borges and Carolin Kosiol. Consistency and identifiability of the polymorphism-aware phylogenetic models. *Journal of Theoretical Biology*, 486(??):Article 110074, February 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319304436`.

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[BK20b] Mark Broom and Vlastimil Krivan. Two-strategy games with time constraints on regular graphs. *Journal of Theoretical Biology*, 506(??):Article 110426, December 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320302812`.

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[BK21] K. B. Blyuss and Y. N. Kyrychko. Effects of latency and age structure on the dynamics and containment of COVID-19. *Journal of Theoretical Biology*, 513(??):Article 110587, March 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321000096`.

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[BKZ+22] Sid Becker, Andrey V. Kuznetsov, Dan Zhao, Filippo de Monte, and Giuseppe Pontrelli. Model of drug delivery

to populations composed of two cell types. *Journal of Theoretical Biology*, 534(??):Article 110947, February 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321003660`.

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[BLP20] Daniel A. Burbano-L. and Maurizio Porfiri. Data-driven modeling of zebrafish behavioral response to acute caffeine administration. *Journal of Theoretical Biology*, 485 (??):Article 110054, January 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319304230`.

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[BLRV21] Veronika Bernhauerová, Bartek Lisowski, Veronica V. Rezelj, and Marco Vignuzzi. Mathematical modelling of SARS-CoV-2 infection of human and animal host cells reveals differences in the infection rates and delays in viral particle production by infected cells. *Journal of Theoretical Biology*, 531(??):Article 110895, December 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321003143`.

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[BM20] Nicolas Bolle and Matthew S. Mizuhara. Dynamics of a cell motility model near the sharp interface limit. *Journal of Theoretical Biology*, 505(??):Article 110420, November 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320302757`.

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[BMB+21] Alexander P. Browning, Oliver J. Maclaren, Pascal R. Buenzli, Matthew Lanaro, Mark C. Allenby, Maria A. Woodruff, and Matthew J. Simpson. Model-based data analysis of tissue growth in thin 3D printed scaffolds. *Journal of Theoretical Biology*, 528(??):Article 110852, November 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S002251932100271X`.

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[BNP+21] Arwa Abdulla Baabdulla, Hesung Now, Ju An Park, Woo-Jong Kim, Sungjune Jung, Joo-Yeon Yoo, and Thomas Hillen. Homogenization of a reaction diffusion equation can explain influenza A virus load data. *Journal of Theoretical Biology*, 527(??):Article 110816, October 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321002356`.

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[BNPL20] Alex Blokhuis, Philippe Nghe, Luca Peliti, and David Lacoste. The generality of transient compartmentalization and its associated error thresholds. *Journal of Theoretical Biology*, 487(??):Article 110110, February 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319304795`.

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[Bol22] Barbara Boldin. The importance of ecological dynamics in evolutionary processes: a host–bacteriophage model revisited. *Journal of Theoretical Biology*, 539(??):Article 111057, April 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322000558`.

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[BP20] Ryan Baker and Michel Pleimling. The effect of habitats and fitness on species coexistence in systems with cyclic dominance. *Journal of Theoretical Biology*, 486(??):Article 110084, 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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[BP21] Quenisha Baldwin and Eleni Panagiotou. The local topological free energy of proteins. *Journal of Theoretical Biology*, 529(??):Article 110854, November 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321002733`.

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[BP23] Sreenath Balakrishnan and Safvan Palathingal. An adaptive testing strategy for efficient utilization of healthcare resources during an epidemic. *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/S0022519323001522`.

Butuzova:2022:DGC

[BPM+22] Oksana Butuzova, Nikolay Pakudin, Andrey Minarsky, Nikolay Bessonov, and Nadya Morozova. Developmental graphs comparison strategy for analysis of pattern formation and phylogeny. *Journal of Theoretical Biology*, 532(??):Article 110925, January 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321003441`.

Balelli:2020:MEM

[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(??):Article 110254, 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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[BRBF20] Jon Bohlin, Brittany Rose, Ola Brynildsrud, and Birgitte Freiesleben De Blasio. A simple stochastic model describing genomic evolution over time of GC content in microbial symbionts. *Journal of Theoretical Biology*, 503(??):Article 110389, October 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320302447`.

Bahramian:2022:SOD

[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(??):Article 111062, April 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322000601`.

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

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[BS21] Hojjat Bazzazi and Azar Shahraz. A mechanistic systems pharmacology modeling platform to investigate the effect of PD-L1 expression heterogeneity and dynamics on the efficacy of PD-1 and PD-L1 blocking antibodies in cancer. *Journal of Theoretical Biology*, 522(??):??, August 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321001193`.

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[BS22a] Camila Bräutigam and Matteo Smerlak. Diffusion approximations in population genetics and the rate of Muller's ratchet. *Journal of Theoretical Biology*, 550(??):Article 111236, October 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322002314`.

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[BS22b] Justin P. Bruner and Rory Smead. Tag-based spite with correlated interactions. *Journal of Theoretical Biology*, 540(??):Article 111052, 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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[BSC20a] Anirban Bandyopadhyay, Gaurav Sharma, and Shubhajit Roy Chowdhury. Computational analysis of NIRS and BOLD signal from neurovascular coupling with three neuron-system feedforward inhibition network. *Journal of Theoretical Biology*, 498(??):Article 110297, August 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320301521`.

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[BSC20b] Swarnendu Banerjee, Amar Sha, and Joydev Chattopadhyay. Cooperative predation on mutualistic prey communities. *Journal of Theoretical Biology*, 490(??):Article 110156, April 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320300126`.

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[BSJ20] Chris Baker, Mark Sterling, and Mike Jesson. The lodging of crops by tornadoes. *Journal of Theoretical Biology*, 500(??):Article 110309, 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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[BSS+20] Vijay Bhardwaj, Rahul Singh, Pooja Singh, Rituraj Purohit, and Sanjay Kumar. Elimination of bitter-off taste of stevioside through structure modification and computational interventions. *Journal of Theoretical Biology*, 486(??):Article 110094, February 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319304631`.

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[BSV+24] M. Bowen, P. Samozino, M. Vonderscher, D. Dutykh, and B. Morel. Mathematical modeling of exercise fatigability in the severe domain: a unifying integrative framework in isokinetic condition. *Journal of Theoretical Biology*, 578(??):??, February 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print),

1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S002251932300293X.

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[BT22] Vasiliki Bitsouni and Vasilis Tsilidis. Mathematical modeling of tumor-immune system interactions: the effect of rituximab on breast cancer immune response. *Journal of Theoretical Biology*, 539(??):Article 111001, April 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519321004215.

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

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[BV24] Anass Bouchnita and Vitaly Volpert. Phenotype-structured model of intra-clonal heterogeneity and drug resistance in multiple myeloma. *Journal of Theoretical Biology*, 576(??):??, January 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519323002497.

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[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(??):Article 110211, 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 (elec-

tronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519323002667`.

Bessho:2020:SEM

[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(??):Article 110157, May 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320300138`.

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[CA21] Kingsley J. A. Cox and Paul R. Adams. A minimal model of the interaction of social and individual learning. *Journal of Theoretical Biology*, 527(??):Article 110712, October 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S002251932100134X`.

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[CAARG21] Mauricio Castaño-Arcila, Luis U. Aguilera, and Jesús Rodríguez-González. Modeling the intracellular dynamics of the dengue viral infection and the innate immune response. *Journal of Theoretical Biology*, 509(??):Article 110529, January 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320303842`.

Cai:2022:ECM

[Cai22] Yuhua Cai. Evolutionary coexistence in a metacommunity: Competition–colonization trade-off, ownership effects, environmental fluctuations. *Journal of Theoretical Biology*, 533(??):Article 110944, 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`.

Casenave:2022:IBN

[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(??):Article 111136, July 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322001345`.

Celora:2022:DSM

[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(??):Article 111104, 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].

Cloete:2020:DMC

[CBK+20] Ielyaas Cloete, Paula J. Bartlett, Vivien Kirk, Andrew P. Thomas, and James Sneyd. Dual mechanisms of Ca $^{2+}$ oscillations in hepatocytes. *Journal of Theoretical Biology*, 503(??):Article 110390, October 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (elec-

tronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320302459`.

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

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[CBKS21] Courtney Cochrane, Demba Ba, Elizabeth B. Klerman, and Melissa A. St. Hilaire. An ensemble mixed effects model of sleep loss and performance. *Journal of Theoretical Biology*, 509(??):Article 110497, 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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[CBPG23] Sayantan Nag Chowdhury, Jeet Banerjee, Matjaz Perc, and Dibakar Ghosh. Eco-evolutionary cyclic dominance among predators, prey, and parasites. *Journal of Theoretical Biology*, 564(??):??, May 7, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519323000425`.

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[CBZK21] Giulia L. Celora, Helen M. Byrne, Christos E. Zois, and P. G. Kevrekidis. Phenotypic variation modulates the growth dynamics and response to radiotherapy of solid tumours under normoxia and hypoxia. *Journal of Theoretical Biology*, 527(??):Article 110792, October 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321002113`.

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[CC22] Carl Corcoran and John Michael Clark. Adaptive network modeling of social distancing interventions. *Journal of Theo-*

retical Biology, 546(??):Article 111151, August 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322001497`.

Capitan:2020:CDP

[CCA20] José A. Capitán, Sara Cuenda, and David Alonso. Competitive dominance in plant communities: Modeling approaches and theoretical predictions. *Journal of Theoretical Biology*, 502(??):Article 110349, October 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320302046`.

Carlsson:2020:MWB

[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(??):Article 110265, 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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[CCPD22] Julieth Castiblanco, Paulo F. Cristaldo, Leticia R. Paiva, and Og DeSouza. Social context modulates scale-free movements in a social insect. *Journal of Theoretical Biology*, 542(??):Article 111106, June 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322001047`.

Christensen:2021:AIL

[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(??):Article 110533, February 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S002251932030388X`.

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[CCVB+21] Ielyaas Cloete, Juliana C. Corrêa-Velloso, Paula J. Bartlett, Vivien Kirk, Andrew P. Thomas, and James Sneyd. A tale of two receptors. *Journal of Theoretical Biology*, 518(??):Article 110629, June 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321000515`.

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[CD22] Justin M. Calabrese and Jeffery Demers. How optimal allocation of limited testing capacity changes epidemic dynamics. *Journal of Theoretical Biology*, 538(??):Article 111017, April 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322000157`.

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[CDC20] Loren Z. F. Chiu, Torstein E. Dæhlin, and Jason P. Carey. A multiple fascicle muscle force model of the human triceps surae. *Journal of Theoretical Biology*, 495(??):Article 110251, June 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320301065`.

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

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[CF20] Colin G. Cess and Stacey D. Finley. Data-driven analysis of a mechanistic model of CAR T cell signaling predicts effects of cell-to-cell heterogeneity. *Journal of Theoretical Biology*, 489(??):Article 110125, March 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319304941`.

Cai:2021:EIT

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

Conte:2020:GII

[CGGG20] Martina Conte, Luca Gerardo-Giorda, and Maria Groppi. Glioma invasion and its interplay with nervous tissue and therapy: a multiscale model. *Journal of Theoretical Biology*, 486(??):Article 110088, February 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319304576`.

Cao:2023:MNC

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

Cheng:2020:GTA

[CGP+20] Emily Cheng, Neeha Gambhirrao, Rohani Patel, Aufia Zhowandai, Jan Rychtář, and Dewey Taylor. A game-theoretical analysis of poliomyelitis vaccination. *Journal of Theoretical Biology*, 499(??):Article 110298, August 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320301533`.

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[CGR22] Fernando Alcalde Cuesta, Gustavo Guerberoff, and Álvaro Lozano Rojo. Bernoulli and binomial proliferation on evolutionary graphs. *Journal of Theoretical Biology*, 534 (??):Article 110942, February 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic).

URL http://www.sciencedirect.com/science/article/pii/S0022519321003611.

Chang:2022:OCP

[CGW22] Lili Chang, Shupeng Gao, and Zhen Wang. Optimal control of pattern formations for an SIR reaction–diffusion epidemic model. *Journal of Theoretical Biology*, 536(??):Article 111003, March 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519322000017.

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

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

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[CHSB20] Melinda Choua, Michael R. Heath, Douglas C. Speirs, and Juan A. Bonachela. The effect of viral plasticity on the persistence of host-virus systems. *Journal of Theoretical Biology*, 498(??):Article 110263, August 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519320301181.

Chen:2022:MEC

[CHT22] Liam Chen, Yousef Hannawi, and David Terman. Modeling the effect of cerebral capillary blood flow on neuronal firing. *Journal of Theoretical Biology*, 537(??):Article 111018, March 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322000169`.

Chaley:2020:SMD

[CK20a] Maria Chaley and Vladimir Kutyrkin. Stochastic models for description of structural-statistical properties in DNA sequences. *Journal of Theoretical Biology*, 496 (??):Article 110126, July 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319304953`.

Cressman:2020:RCT

[CK20b] Ross Cressman and Vlastimil Krivan. Reducing courtship time promotes marital bliss: the Battle of the Sexes game revisited with costs measured as time lost. *Journal of Theoretical Biology*, 503(??):Article 110382, October 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S002251932030237X`.

Chowdhury:2021:EED

[CKB+21] Sayantan Nag Chowdhury, Srilena Kundu, Jeet Banerjee, Matjaz Perc, and Dibakar Ghosh. Eco-evolutionary dynamics of cooperation in the presence of policing. *Journal of Theoretical Biology*, 518(??):Article 110606, June 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S002251932100028X`.

Chaplain:2020:JEM

[CKI20] Mark Chaplain, Denise Kirschner, and Yoh Iwasa. JTB Editorial: Malpractice: a case report. *Journal of Theoretical Biology*, 488(??):Article 110171, March 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320300278`.

Coggan:2020:ESM

[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(??):Article 110123, February 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319304928`.

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[CKM+22] Jay S. Coggan, Daniel Keller, Henry Markram, Felix Schürmann, and Pierre J. Magistretti. Representing stimulus information in an energy metabolism pathway. *Journal of Theoretical Biology*, 540(??):Article 111090, May 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322000881`.

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[CKNCG22] Peter Crawford-Kahrl, Robert R. Nerem, Bree Cummins, and Tomas Gedeon. Genetic networks encode secrets of their past. *Journal of Theoretical Biology*, 541(??):Article 111092, May 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S002251932200090X`.

Choi:2024:DSP

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

Chakraborty:2021:LTM

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

URL http://www.sciencedirect.com/science/article/pii/S0022519321001582.

Carson:2022:BCM

[CLF+22] Jake Carson, Alice Ledda, Luca Ferretti, Matt Keeling, and Xavier Didelot. The bounded coalescent model: Conditioning a genealogy on a minimum root date. *Journal of Theoretical Biology*, 548(??):Article 111186, September 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519322001849.

Crona:2020:ULM

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

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[CLLL20] Zhimin Chen, Kaihui Liu, Xiuxiang Liu, and Yijun Lou. Modelling epidemics with fractional-dose vaccination in response to limited vaccine supply. *Journal of Theoretical Biology*, 486(??):Article 110085, 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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[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(??):??, Febru-

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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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[CN21] Roger Cropp and John Norbury. The eco-evolutionary modelling of populations and their traits using a measure of trait differentiation. *Journal of Theoretical Biology*, 531(??):Article 110893, December 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S002251932100312X`.

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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(??):Article 110188, 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(??):Article 110766, October 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321001880`. See corrigendum [Cor22].

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[Cor22] Michael H. Cortez. Corrigendum to "Using sensitivity analysis to identify factors promoting higher versus lower infection prevalence in multi-host communities" [J. Theor. Biol. **526** (2021) 110766]. *Journal of Theoretical Biology*, 534(??):Article 110959, February 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321003799`. See [Cor21].

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[CPHL+20] Daniel Carrera-Pineyro, Harley Hanes, Adam Litzler, Andrea McCormack, Josean Velazquez-Molina, Anuj Mubayi, Karen Ríos-Soto, and Christopher Kribs. Cost analysis of vaccination in tick-mouse transmission of Lyme disease. *Journal of Theoretical Biology*, 494(??):Article 110245, June 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320301004`.

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[CPM21] Roberta Coletti, Andrea Pugliese, and Luca Marchetti. Modeling the effect of immunotherapies on human castration-resistant prostate cancer. *Journal of Theoretical Biology*,

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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(??):Article 111005, 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 (??):Article 110423, November 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320302782`.

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[CR20] Robert C. Cope and Joshua V. Ross. Identification of the relative timing of infectiousness and symptom onset for outbreak control. *Journal of Theoretical Biology*, 486(??):Article 110079, February 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319304485`.

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[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(??):Article 111163, August 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322001618`.

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[CRG+23] Richard Creswell, Martin Robinson, David Gavaghan, Kris V. Parag, Chon Lok Lei, and Ben Lambert. A Bayesian nonparametric method for detecting rapid changes in disease transmission. *Journal of Theoretical Biology*, 558(??):??, February 7, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322003423`.

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[CS20] Wongyeong Choi and Eunha Shim. Optimal strategies for vaccination and social distancing in a game-theoretic epidemiologic model. *Journal of Theoretical Biology*, 505 (??):Article 110422, November 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320302770`.

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[CSHH20] Xiulei Cao, Zilong Song, Tzyy-Leng Horng, and Huaxiong Huang. Electric potential generation of electrocytes: Modelling, analysis, and computation. *Journal of Theoretical Biology*, 487(??):Article 110107, February 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S002251931930476X`.

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[CSP21] Annachiara Colombi, Marco Scianna, and Luigi Preziosi. A hybrid integro-differential model for the early development of the zebrafish posterior lateral line. *Journal of Theoretical Biology*, 514(??):Article 110578, April 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320304331`.

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[CT22] Philip H. Crowley and Cédric Tentelier. Resolving conflict over within-pair mating rate in external fertilizers. *Journal of Theoretical Biology*, 532(??):Article 110926, January 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321003453`.

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[CTL+22] Charlotte Coton, Grégoire Talbot, Maud Le Louarn, Christine Dillmann, and Dominique de Vienne. Evolution of enzyme levels in metabolic pathways: a theoretical approach. Part 1. *Journal of Theoretical Biology*, 538(??):Article 111015, April 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322000133`.

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[CWF23] Alex Chen, Timothy Wessler, and M. Gregory Forest. Antibody protection from SARS-CoV-2 respiratory tract exposure and infection. *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/S0022519322003253`.

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[CWL20] Heyrim Cho, Zuping Wang, and Doron Levy. Study of dose-dependent combination immunotherapy using engineered T cells and IL-2 in cervical cancer. *Journal of Theoretical Biology*, 505(??):Article 110403, November 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320302587`.

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[CWT+23] Marni E. Cueno, Kanta Wada, Arisa Tsuji, Kouta Ishikawa, and Kenichi Imai. Structural patterns of SARS-CoV-2 variants of concern (alpha, beta, gamma, delta) spike protein are influenced by variant-specific amino acid mutations: a computational study with implications on viral evolution. *Journal of Theoretical Biology*, 558(??):??, February 7, 2023.

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[CWW22] Fang Chen, Te Wu, and Long Wang. Evolutionary dynamics of zero-determinant strategies in repeated multiplayer games. *Journal of Theoretical Biology*, 549 (??):Article 111209, September 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322002077`.

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[CZN+21] Yongli Cai, Shi Zhao, Yun Niu, Zhihang Peng, Kai Wang, Daihai He, and Weiming Wang. Modelling the effects of the contaminated environments on tuberculosis in Jiangsu, China. *Journal of Theoretical Biology*, 508(??):Article 110453, January 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320303088`.

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[D'A20a] Antonio D'Agata. Corrigendum to 'Dynamics of spatially dispersed population under ideal free distribution' [Journal of Theoretical Biology **486** (2020) 110071]. *Journal of Theoretical Biology*, 487(??):Article 110116, February 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319304850`. See [D'A20b].

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[D'A20b] Antonio D'Agata. Dynamics of spatially dispersed population under ideal free distribution. *Journal of Theoretical Biology*, 486(??):Article 110071, February 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319304400`. See corrigendum [D'A20a].

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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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[Dal22] Dave Dalton. How evolutionary biology can explain why human and a few marine mammal females are the only ones that are menopausal. *Journal of Theoretical Biology*, 543(??):Article 111123, June 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322001217`.

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[dAPdBMTS20] Carlos Henrique Britto de Assis Prado, Dilma Maria de Brito Melo Trovão, and João Paulo Souza. A network model for determining decomposition, topology, and properties of the woody crown. *Journal of Theoretical Biology*, 499(??):Article 110318, August 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320301739`.

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[DB22a] Soutrick Das and Debashis Barik. Pulsatile signaling of bistable switches reveal the distinct nature of pulse processing by mutual activation and mutual inhibition loop. *Journal of Theoretical Biology*, 540(??):Article 111075, May 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S002251932200073X`.

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[DB22b] Casey O. Diekman and Amitabha Bose. Beyond the limits of circadian entrainment: Non-24-h sleep–wake disorder, shift work, and social jet lag. *Journal of Theoretical Biology*, 545(??):Article 111148, July 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322001461`.

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[DBD23] Smita Deb, Subhendu Bhandary, and Partha Sharathi Dutta. Evading tipping points in socio-mutualistic networks via structure mediated optimal strategy. *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/S0022519323000905`.

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

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

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[DBW22] Cecilia Duran, Manuel Barcenas, and Qixuan Wang. Modeling of ionizing radiation induced hair follicle regenerative dynamics. *Journal of Theoretical Biology*, 555 (??):Article 111283, December 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322002740`.

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

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

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[DCP+22] A. Raine Detmer, Ross Cunning, Ferdinand Pfab, Alexandra L. Brown, Adrian C. Stier, Roger M. Nisbet, and Holly V. Moeller. Fertilization by coral-dwelling fish promotes coral growth but can exacerbate bleaching response. *Journal of Theoretical Biology*, 541(??):Article 111087, May 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322000856`.

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[DCS20] Modibo Diabaté, Loren Coquille, and Adeline Samson. Parameter estimation and treatment optimization in a stochastic model for immunotherapy of cancer. *Journal of Theoretical Biology*, 502(??):Article 110359, October 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320302149`.

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[dDA21] María del Valle Rafo, Juan Pablo Di Mauro, and Juan Pablo Aparicio. Disease dynamics and mean field models for

clustered networks. *Journal of Theoretical Biology*, 526 (??):Article 110554, October 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320304094`.

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[DDDMT22] Ramsès Djidjou-Demasse, Arnaud Ducrot, Nicole Mideo, and Gaëtan Texier. Understanding dynamics of *Plasmodium falciparum* gametocytes production: Insightsl from an age-structured model. *Journal of Theoretical Biology*, 539(??):Article 111056, April 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322000546`.

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

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[DF22] Marie-Hélène Descary and Sorana Froda. Estimating the basic reproduction number from noisy daily data. *Journal of Theoretical Biology*, 549(??):Article 111210, September 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322002089`.

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[dGSNK22] Antonio Ladrón de Guevara, Jessica K. Shang, Maiken Nedergaard, and Douglas H. Kelley. Perivascular pumping in the mouse brain: Improved boundary conditions reconcile theory, simulation, and experiment. *Journal of Theoretical Biology*, 542(??):Article 111103, June 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322001011`.

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[FET+24] Chenceline Fouedji, Armand Sylvin Etémé, Conrad Bertrand Tabi, Henri Paul Ekobena Fouda, and Timoléon Crépin Kofané. Multisolitons-like patterns in a one-dimensional MARCKS protein cyclic model. *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/S0022519323002990`.

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[FGC24] Tak Fung, Jonah Goh, and Ryan A. Chisholm. Long-term effects of non-pharmaceutical interventions on total disease burden in parsimonious epidemiological models. *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/S0022519324000985`.

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[FGES24] Camille Febvre, Colin Goldblatt, and Rana El-Sabaawi. Thermal performance of ecosystems: Modeling how physiological responses to temperature scale up in communities. *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/S0022519324000730`.

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[FH23] Adam Farmer and Paul J. Harris. A mathematical model of cell movement and clustering due to chemotaxis. *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/S0022519323002436`.

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[FHM20] Julien Flaig, Nicolas Houy, and Philippe Michel. Cost effectiveness and policy announcement: the case of measles mandatory vaccination. *Journal of Theoretical Biology*, 485(??):Article 110028, January 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319303984`.

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[FLR+21] Anna S. Frank, Kamila Larripa, Hwayeon Ryu, Ryan G. Snodgrass, and Susanna Röblitz. Bifurcation and sensitivity analysis reveal key drivers of multistability in a model of macrophage polarization. *Journal of Theoretical Biology*, 509(??):Article 110511, January 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320303660`.

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[FLRR23] Anna-Simone Josefine Frank, Kamila Larripa, Hwayeon Ryu, and Susanna Röblitz. Macrophage phenotype transitions in a stochastic gene-regulatory network model. *Journal of Theoretical Biology*, 575(??):??, November 7, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S002251932300231X`.

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[FSKG21] A. Frank, S. Subbey, M. Kobras, and H. Gjøsæter. Population dynamic regulators in an empirical predator–prey system. *Journal of Theoretical Biology*, 527(??):Article 110814, October 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321002332`.

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[GADDVG+24] Diego A. Garzón-Alvarado, Carlos A. Duque-Daza, Juan Jairo Vaca-González, Abdelkader Boucetta, Dorian L. Linero, Gregory de Boer, Raj Das, and Salah Ramtani. Part II: a new perspective for modeling the bone remodeling process: Biology, mechanics, and pathologies. *Journal of Theoretical Biology*, 593(??):??, October 7, 2024. CODEN

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[Gar24] Andy Gardner. A geometric approach to the evolution of altruism. *Journal of Theoretical Biology*, 576(??):??, January 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519323002503.

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[GB23] Jean-Pierre Gabriel and Louis-Félix Bersier. Theoretical investigation of the dependence of population parameters on initial population size. *Journal of Theoretical Biology*, 568(??):??, July 7, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519323000887.

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[GBF20] Victor Garcia, Sebastian Bonhoeffer, and Feng Fu. Cancer-induced immunosuppression can enable effectiveness of immunotherapy through bistability generation: a mathematical and computational examination. *Journal of Theoretical Biology*, 492(??):Article 110185, May 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519320300412.

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[GBHNHVL23] José Giral-Barajas, Carlos Ignacio Herrera-Nolasco, Marco Arieli Herrera-Valdez, and Sergio I. López. A probabilistic approach for the study of epidemiological dynamics of infectious diseases: Basic model and properties. *Journal of Theoretical Biology*, 572(??):??, September 7, 2023. CODEN

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[GBRM21] Aditi Ghosh, Isaac Berger, Christopher H. Remien, and Anuj Mubayi. The role of alcohol consumption on acetaminophen induced liver injury: Implications from a mathematical model. *Journal of Theoretical Biology*, 519(??):??, June 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519320304148.

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[GCA+20] Xiaohui Guo, Jun Chen, Asma Azizi, Jennifer Fewell, and Yun Kang. Dynamics of social interactions, in the flow of information and disease spreading in social insects colonies: Effects of environmental events and spatial heterogeneity. *Journal of Theoretical Biology*, 492(??):Article 110191, May 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519320300461.

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

Garzon:2021:DPP

[GCNZ+21] Doménica N. Garzón, Yair Castillo, M. Gabriela Navas-Zuloaga, Leah Darwin, Abigail Hardin, Nora Culik, Anji Yang, Carlos Castillo-Garsow, Karen Ríos-Soto, Leon Arriola, and Aditi Ghosh. Dynamics of prion proliferation under combined treatment of pharmacological chaperones and interferons. *Journal of Theoretical Biology*, 527(??):Article 110797, October 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321002162`.

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[GCX+20] József Garay, Ross Cressman, Fei Xu, Mark Broom, Villő Csiszár, and Tamás F. Móri. When optimal foragers meet in a game theoretical conflict: a model of kleptoparasitism. *Journal of Theoretical Biology*, 502(??):Article 110306, October 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320301612`.

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[GDd+21] A. Gandolfi, S. De Franciscis, A. d'Onofrio, A. Fasano, and C. Sinisgalli. Angiogenesis and vessel co-option in a mathematical model of diffusive tumor growth: the role of chemotaxis. *Journal of Theoretical Biology*, 512(??):Article 110526, March 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320303817`.

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[GDLF20] Einar Bjarki Gunnarsson, Subhajyoti De, Kevin Leder, and Jasmine Foo. Understanding the role of phenotypic switching in cancer drug resistance. *Journal of Theoretical Biology*, 490(??):Article 110162, April 7, 2020. CO-

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[GDQR23] Ting Guo, Qi Deng, Zhipeng Qiu, and Libin Rong. HIV infection dynamics and viral rebound: Modeling results from humanized mice. *Journal of Theoretical Biology*, 567(??):??, June 21, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519323000863.

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[GEHL+22] Angela Maria Gomez, J. F. Escobar-Huertas, D. L. Linero, F. P. Cardenas, and D. A. Garzón-Alvarado. Simulation of the electrical stimulation of the rat brain using sleep frequencies: a finite element modeling approach. *Journal of Theoretical Biology*, 542(??):Article 111093, June 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519322000911.

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[GF23] Dylan A. Goodin and Hermann B. Frieboes. Evaluation of innate and adaptive immune system interactions in the tumor microenvironment via a 3D continuum model. *Journal of Theoretical Biology*, 559(??):??, February 21, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519322003745.

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[GFC+22] M. Gabriela M. Gomes, Marcelo U. Ferreira, Rodrigo M. Corder, Jessica G. King, Caetano Souto-Maior, Carlos Penha-Gonçalves, Guilherme Gonçalves, Maria Chikina, Wesley Pegden, and Ricardo Aguas. Individual variation in susceptibility or exposure to SARS-CoV-2 lowers the herd immunity threshold. *Journal of Theoretical Biology*, 540(??):Article 111063, May 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519322000613.

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[GFH20] Tapiwa Ganyani, Christel Faes, and Niel Hens. Inference of the generalized-growth model via maximum likelihood estimation: a reflection on the impact of overdispersion. *Journal of Theoretical Biology*, 484(??):Article 110029, January 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319303996`.

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

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[GHB22] Kelsey Gasior, Marlene Hauck, and Sudin Bhattacharya. Modeling the influence of cell-cell contact and TGF-β signaling on the epithelial mesenchymal transition in MCF7 breast carcinoma cells. *Journal of Theoretical Biology*, 546(??):Article 111160, August 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322001588`.

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[GHF22] Martin Grunnill, Ian Hall, and Thomas Finnie. Check your assumptions: Further scrutiny of basic model frameworks of antimicrobial resistance. *Journal of Theoretical Biology*, 554(??):Article 111277, December 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322002685`.

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

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[GHS20] Michael Günther, Daniel F. B. Haeufle, and Syn Schmitt. Corrigendum to "The basic mechanical structure of the skeletal muscle machinery: One model for linking microscopic and macroscopic scales" [Journal of Theoretical Biology **456** (2018) 137–167]. *Journal of Theoretical Biology*, 488(??):Article 110143, March 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319305132`. See [GHS18].

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[HMS21] Takuya M. Hasegawa, Takashi T. Makino, and Satoki Sakai. Optimal pollen stickiness to pollinators for maximizing paternal fitness: Increased number of recipient flowers or increased pollen deposition on recipient flowers? *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/S0022519321001533`.

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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(??):Article 110210, 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(??):Article 110101, May 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319304709`.

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

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[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(??):Article 110136, March 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319305053`.

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[HPSA21] Naerhulan Halimubieke, Alistair Pirrie, Tamás Székely, and Ben Ashby. How do biases in sex ratio and disease characteristics affect the spread of sexually transmitted infections? *Journal of Theoretical Biology*, 527(??):Article 110832, October 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321002514`. See corrigendum [HPSA23].

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[HPSA23] Naerhulan Halimubieke, Alistair Pirrie, Tamás Székely, and Ben Ashby. Corrigendum to "How do biases in sex ratio and

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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(??):Article 110383, 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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[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 (elec-

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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(??):Article 110158, 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(??):Article 110974, 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(??):Article 110076, February 7, 2020.

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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(??):Article 110979, March 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519321003994.

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[HYM+22] Tatsuya Hayashi, Fumitaka Yura, Jun Mada, Hiroki Kurihara, and Tetsuji Tokihiro. Pattern formation of elliptic particles by two-body interactions: a model for dynamics of endothelial cells in angiogenesis. *Journal of Theoretical Biology*, 555(??):Article 111300, 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(??):Article 110862, 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(??):Article 110538, 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(??):Article 110555, February 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320304100`.

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

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[IH21] Natalie Imirzian and David P. Hughes. An agent-based model shows zombie ants exhibit search behavior. *Journal of Theoretical Biology*, 526(??):Article 110789, 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(??):Article 110561, February 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320304161`.

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[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(??):Article 110387, 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(??):Article 110875, December 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321002940`.

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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(??):Article 110878, December

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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(??):Article 111233, ???? 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(??):Article 110808, 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(??):Article 110279, July 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S002251932030134X`.

Ionel:2024:PPA

[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),

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[IS20] Hiroshi C. Ito and Akira Sasaki. Evolutionary branching in distorted trait spaces. *Journal of Theoretical Biology*, 489(??):Article 110152, 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.

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[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(??):Article 110939, January 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519321003581.

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[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(??):Article 111019, March 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print),

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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(??):Article 111088, 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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[Jam21] William H. James. Does testosterone in males facilitate evolution by natural selection? *Journal of Theoretical Biology*, 529(??):Article 110864, November 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321002836`.

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[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(??):Article 110103, February 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319304722`.

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[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

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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 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321001570`. See [JCLS+11].

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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(??):Article 110052, 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 (??):Article 110459, 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(??):Article 110275, August 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320301302`.

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[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`.

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[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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[JLK22] Louis R. Joslyn, Jennifer J. Linderman, and Denise E. Kirschner. A virtual host model of *Mycobacterium tuberculosis* infection identifies early immune events as predictive of infection outcomes. *Journal of Theoretical Biology*, 539(??):Article 111042, April 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322000406`.

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[JMD20] Bas Jacobs, Jaap Molenaar, and Eva E. Deinum. Robust banded protoxylem pattern formation through microtubule-based directional ROP diffusion restriction. *Journal of Theo-*

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[JME24] Thulasi Jegatheesan, Arun S. Moorthy, and Hermann J. Eberl. A mathematical model of competition between fiber and mucin degraders in the gut provides a possible explanation for mucus thinning. *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/S002251932400105X`.

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[JS23] Pierre Jacquet and Angélique Stéphanou. A reduced model of cell metabolism to revisit the glycolysis-OXPHOS relationship in the deregulated tumor microenvironment. *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/S0022519323000309`.

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[JSCW21] Eric Jones, Jiming Sheng, Jean Carlson, and Shenshen Wang. Aging-induced fragility of the immune system. *Journal of Theoretical Biology*, 510(??):Article 110473, February 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320303283`.

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[JWKA21] Joseph D. Johnson, Nathan L. White, Alain Kangabire, and Daniel M. Abrams. A dynamical model for the origin of

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[Kan21] Adrian Kania. Harnessing the information theory and chaos game representation for pattern searching among essential and non-essential genes in bacteria. *Journal of Theoretical Biology*, 531(??):Article 110917, December 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321003362`.

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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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[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(??):Article 110958, 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

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[MC22] Estefanía Muñoz and Jorge Carneiro. Plant-microbe symbiosis widens the habitability range of the Daisyworld. *Journal of Theoretical Biology*, 554(??):Article 111275, December 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322002661`.

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[MCL20] Alejandra Melfo, Ragan M. Callaway, and Luis D. Llambí. Interactions between nurse plants and parasitic beneficiaries: a theoretical approach to indirect facilitation. *Journal of Theoretical Biology*, 494(??):Article 110238, 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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[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 multi-strain dynamics. *Journal of Theoretical Biology*, 487(??):Article 110109, 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 (??):Article 110807, 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(??):Article 110036, 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(??):Article 110943, January 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (elec-

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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(??):Article 110530, 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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[MEA21] Leonardo Miele, R. M. L. Evans, and Sandro Azaele. Redundancy-selection trade-off in phenotype-structured populations. *Journal of Theoretical Biology*, 531(??): Article 110884, December 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321003039`.

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[MEBNZ24] Nuverah Mohsin, Heiko Enderling, Renee Brady-Nicholls, and Mohammad U. Zahid. Simulating tumor volume dynamics in response to radiotherapy: Implications of model

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[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`.

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[MFGACST23] K. Márquez-Flórez, D. A. Garzón-Alvarado, C. Carda, and M. Sancho-Tello. Computational model of articular cartilage regeneration induced by scaffold implantation *in vivo*.

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[MGVS21] Marc Manceau, Ankit Gupta, Timothy Vaughan, and Tanja Stadler. The probability distribution of the ancestral population size conditioned on the reconstructed phylogenetic tree with occurrence data. *Journal of Theoretical Biology*, 509(??):Article 110400, January 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320302551`.

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[MGZ+21] Maria M. Martignoni, Jimmy Garnier, Xinlu Zhang, Daniel Rosa, Vasilis Kokkoris, Rebecca C. Tyson, and Miranda M. Hart. Co-inoculation with arbuscular mycorrhizal fungi differing in carbon sink strength induces a synergistic effect in plant growth. *Journal of Theoretical Biology*, 531 (??):Article 110859, December 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321002782`.

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[MH22a] Abhishek Mallela and Alan Hastings. Optimal management of stochastic invasion in a metapopulation with Allee effects. *Journal of Theoretical Biology*, 549(??): Article 111221, September 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322002193`.

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[MH22b] John S. McAlister and Ian M. Hamilton. An adaptive dynamic model of a vigilance game among group foragers. *Journal of Theoretical Biology*, 538(??):Article 111030, April 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322000285`.

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

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[MHPB23] Samuel Monter, Veit-Lorenz Heuthe, Emanuele Panizon, and Clemens Bechinger. Dynamics and risk sharing in groups of selfish individuals. *Journal of Theoretical Biology*, 562(??): ??, April 7, 2023. CODEN JTBIAP. ISSN 0022-5193 (print),

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[MI20] A. V. Melkikh and K. D. Izmozherova. Active ion transport as the basis for water movement in plants. *Journal of Theoretical Biology*, 500(??):Article 110332, September 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320301879`.

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

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[MIP+21] Pezhman Mardanpour, Ehsan Izadpanahi, Shanae Powell, Siavash Rastkar, and Adrian Bejan. Inflected wings in flight: Uniform flow of stresses makes strong and light wings for stable flight. *Journal of Theoretical Biology*, 508(??):Article 110452, January 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320303076`.

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[Mit20] Namiko Mitarai. How pirate phage interferes with helper phage: Comparison of the two distinct strategies. *Journal of Theoretical Biology*, 486(??):Article 110096, February

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[MK21] Crystal Mackey and Christopher Kribs. Modeling anthrax–rabies interactions in zebra–jackal cycles. *Journal of Theoretical Biology*, 511(??):Article 110553, February 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320304082`.

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

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

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[MLK21] Laurent MacKay, Etienne Lehman, and Anmar Khadra. Deciphering the dynamics of lamellipodium in a fish keratocytes model. *Journal of Theoretical Biology*, 512 (??):Article 110534, March 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL

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[MM22] Lingqi Meng and Naoki Masuda. Epidemic dynamics on metapopulation networks with node2vec mobility. *Journal of Theoretical Biology*, 534(??):Article 110960, February 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519321003805.

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[MMG21] Gabriel Andreguetto Maciel and Ricardo Martinez-Garcia. Enhanced species coexistence in Lotka–Volterra competition models due to nonlocal interactions. *Journal of Theoretical Biology*, 530(??):Article 110872, December 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519321002915.

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[MMI21] Azumi Mamiya, Daiki Miyagawa, and Genki Ichinose. Conditions for the existence of zero-determinant strategies under observation errors in repeated games. *Journal of Theoretical Biology*, 526(??):Article 110810, October 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519321002290.

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[MMI22] Daiki Miyagawa, Azumi Mamiya, and Genki Ichinose. Adapting paths against zero-determinant strategies in repeated prisoner's dilemma games. *Journal of Theoretical Biology*, 549(??):Article 111211, September 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519322002090.

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

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

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

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[MP22] Linda Ma and Mainak Patel. Mechanism of carbachol-induced 40 Hz gamma oscillations and the effects of NMDA activation on oscillatory dynamics in a model of the CA3 subfield of the hippocampus. *Journal of Theoretical Biology*, 548(??):Article 111200, September 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322001989`.

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

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

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[MPH+22] Franck Malige, Julie Patris, Maxime Hauray, Pascale Giraudet, and Hervé Glotin. Mathematical models of long term evolution of blue whale song types' frequencies. *Journal of Theoretical Biology*, 548(??):Article 111184, September 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322001825`.

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[MPTCT+20] Yovani Marrero-Ponce, Julio E. Teran, Ernesto Contreras-Torres, César R. García-Jacas, Yunierkis Perez-Castillo, Nestor Cubillan, Facundo Peréz-Giménez, and José R. Valdés-Martini. LEGO-based generalized set of two linear algebraic 3D bio-macro-molecular descriptors: Theory and validation by QSARs. *Journal of Theoretical Biology*, 485(??):Article 110039, January 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319304084`.

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[MRK24] Thomas Marcou, Tomás A. Revilla, and Vlastimil Krivan. Evolutionary emergence of plant and pollinator polymorphisms in consumer-resource mutualisms. *Journal of Theoretical Biology*, 594(??):??, November 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519324001954`.

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

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[PHL+23] Yongzhen Pei, Siqi Han, Changguo Li, Jinzhi Lei, and Fengxi Wen. Data-based modeling of breast cancer and optimal therapy. *Journal of Theoretical Biology*, 573(??):??, September 21, 2023. CODEN JTBIAP. ISSN 0022-5193 (print),

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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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[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(??):Article 110371, 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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[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(??):Article 110293, 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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[PPFB24] Thomas F. Pak, Joe Pitt-Francis, and Ruth E. Baker. A mathematical framework for the emergence of winners and losers in cell competition. *Journal of Theoretical Biology*, 577(??):??, January 21, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519323002631`.

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[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(??):Article 110075, 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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[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(??):Article 111053, 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(??):Article 110579, 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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[PZG20] Hadi Poormohammadi, Mohsen Sardari Zarchi, and Hossein Ghaneai. NCHB: a method for constructing rooted phylogenetic networks from rooted triplets based on height function and binarization. *Journal of Theoretical Biology*, 489(??):Article 110144, March 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319305144`.

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[QHS23] Hongchun Qu, Aviad Heifetz, and Merav Seifan. Batesian mimicry or general food deception? An evolutionary game between plants for pollinator services. *Journal of Theoretical Biology*, 575(??):??, November 7, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519323002060`.

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[QPL21] Pierre Quévreux, Rémi Pigeault, and Michel Loreau. Predator avoidance and foraging for food shape synchrony and response to perturbations in trophic metacommunities. *Journal of Theoretical Biology*, 528(??):Article 110836, 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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[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 (??):Article 110965, 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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[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(??):Article 111078, 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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[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(??):Article 110370, 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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[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(??):Article 110558, 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 or-

der of epidemic models. *Journal of Theoretical Biology*, 528(??):Article 110839, 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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[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(??):Article 110570, 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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[Rob22] Paul A. Roberts. Mathematical models of retinitis pigmentosa: the trophic factor hypothesis. *Journal of Theoretical Biology*, 534(??):Article 110938, February 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S002251932100357X`.

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[Ros21] Eric Rosenberg. On deriving Murray's law from constrained minimization of flow resistance. *Journal of Theoretical Biology*, 512(??):Article 110563, 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(??):Article 111061, 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(??):Article 110761, 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(??):Article 110838, November 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321002575`.

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[RP21b] Marija Rosandić and Vladimir Paar. The novel Ideal Symmetry Genetic Code table — common purine–pyrimidine symmetry net for all RNA and DNA species. *Journal of Theoretical Biology*, 524(??):??, September 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321001703`.

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[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(??):Article 110759, 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(??):Article 110193, May 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320300485`.

Radunskaya:2024:KRI

[RS24] Ami Radunskaya and Joshua Sack. Kill rates by immune cells: Ratio-dependent, or mass action? *Journal of Theoretical Biology*, 582(??):??, April 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519324000298`.

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[RSPB+22] D. Rudrauf, G. Sergeant-Perthuis, O. Belli, Y. Tisserand, and G. Di Marzo Serugendo. Modeling the subjective perspective of consciousness and its role in the control of behaviours. *Journal of Theoretical Biology*, 534(??):Article 110957, February 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321003763`.

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[RT24a] Beatrix Rahnsch and Leila Taghizadeh. Network-based uncertainty quantification for mathematical models in epidemiology. *Journal of Theoretical Biology*, 577(??):??, January 21, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519323002680`.

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[RT24b] Kelvin J. Richards and Axel Timmermann. Dispersal and interbreeding as survival strategies for species exposed to environment change. *Journal of Theoretical Biology*, 585(??):??, May 21, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S002251932400078X`.

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[RW20] Clémence Réda and Bartek Wilczyński. Automated inference of gene regulatory networks using explicit regulatory modules. *Journal of Theoretical Biology*, 486(??):Article 110091, February 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319304606`.

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[RWHK21] Sviatoslav Rybnikov, Daniel B. Weissman, Sariel Hübner, and Abraham B. Korol. Fitness dependence preserves selection for recombination across diverse mixed mating strategies. *Journal of Theoretical Biology*, 528(??):Article 110849, November 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S002251932100268X`.

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[RY22] Felipe Alves Rubio and Hyun Mo Yang. A mathematical model to evaluate the role of memory B and T cells in heterologous secondary dengue infection. *Journal of Theoretical Biology*, 534(??):Article 110961, February 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321003817`.

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[RZRS+22] Ivan Ramirez-Zuniga, Jonathan. E. Rubin, David Swigon, Heinz Redl, and Gilles Clermont. A data-driven model of the role of energy in sepsis. *Journal of Theoretical Biology*, 533(??):Article 110948, 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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[Sac22] Gottfried Sachs. Powered-gliding/climbing flight. *Journal of Theoretical Biology*, 547(??):Article 111146, August 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322001448`.

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[SAG21] Ricard Solé and Guim Aguadé-Gorgorió. The ecology of cancer differentiation therapy. *Journal of Theoretical Biology*, 511(??):Article 110552, 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(??):Article 110307, 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(??):Article 110525, 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(??):Article 111241, October 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322002363`.

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[Sak22b] Satoki Sakai. Why are deleterious mutations maintained in selfing populations? An analysis of the effects of early- and late-acting mutations by a two-locus two-allele model. *Journal of Theoretical Biology*, 533(??):Article 110956, January 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321003751`.

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[Sal24] Armindo Salvador. Pillars of theoretical biology: "Biochemical systems analysis, I, II and III". *Journal of Theoretical Biology*, 576(??):??, January 7, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519323002527`.

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[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(??):Article 110806, October 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321002253`.

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[SBB+22] Matthew J. Simpson, Ruth E. Baker, Pascal R. Buenzli, Ruanui Nicholson, and Oliver J. Maclaren. Reliable and efficient parameter estimation using approximate continuum limit descriptions of stochastic models. *Journal of Theoretical Biology*, 549(??):Article 111201, 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(??):Article 110336, 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(??):Article 110470, 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(??):Article 110277, July 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320301326`.

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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(??):Article 110998, 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(??):Article 111235, ???? 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(??):Article 110580, 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`.

Skedros:2023:ESR

[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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[Sch21a] Brandon H. Schlomann. Corrigendum to "Stationary moments, diffusion limits, and extinction times for logistic growth with random catastrophes" [J. Theor. Biol. **454** (2018) 154–163]. *Journal of Theoretical Biology*, 514(??):Article 110595, April 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321000175`. See [Sch18].

Schutz:2021:MMT

[Sch21b] G. M. Schütz. Molecular motor traffic with a slow binding site. *Journal of Theoretical Biology*, 518(??):Article 110644, June 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321000667`.

Schulman:2023:CBR

[Sch23] Lawrence S. Schulman. Corrigendum to "Bacterial resistance to antibodies: a model evolutionary study" [J. Theor. Biol. **417** (2017) 61–67]. *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/S0022519323000607`. See [Sch17].

Song:2020:EDE

[SCHH20] Zilong Song, Xiulei Cao, Tzyy-Leng Horng, and Huaxiong Huang. Electric discharge of electrocytes: Modelling, analysis and simulation. *Journal of Theoretical Biology*, 498(??):Article 110294, 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(??):Article 110266, 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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[SD22] Laura S. Storch and Sarah L. Day. Topological early warning signals: Quantifying varying routes to extinction in a spatially distributed population model. *Journal of Theoretical Biology*, 554(??):Article 111274, December 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S002251932200265X`.

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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`.

Schroter:2023:WEP

[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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[SF24] 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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[SFK+23] Misaki Sasanami, Marie Fujimoto, Taishi Kayano, Katsuma Hayashi, and Hiroshi Nishiura. Projecting the COVID-19 immune landscape in Japan in the presence of waning immunity and booster vaccination. *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/S0022519322003757`.

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[SFYL20] Da Song, Meng Fan, Shihan Yan, and Meng Liu. Dynamics of a nutrient-phytoplankton model with random phytoplankton mortality. *Journal of Theoretical Biology*, 488(??):Article 110119, March 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319304886`.

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[SGJ+24] Anglu Shen, Shufei Gao, Jie Jiang, Qingjing Hu, Hao Wang, and Sanling Yuan. Oscillations of algal cell quota: Considering two-stage phosphate uptake kinetics. *Journal of Theoretical Biology*, 581(??):??, March 21, 2024. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (elec-

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[SH21] T. Anthony Sun and Frank M. Hilker. Comparison between best-response dynamics and replicator dynamics in a social-ecological model of lake eutrophication. *Journal of Theoretical Biology*, 509(??):Article 110491, January 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519320303465.

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[SHH20] Anna Irene Vedel Sørensen, Julie Elvekjær Hansen, and Tariq Halasa. A dynamic model for spread of livestock-associated methicillin-resistant *Staphylococcus aureus* on a pig farm, incorporating bacterial load and human exposure through air. *Journal of Theoretical Biology*, 505 (??):Article 110402, November 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519320302575.

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[SHK20] Mike Steel, Wim Hordijk, and Stuart A. Kauffman. Dynamics of a birth-death process based on combinatorial innovation. *Journal of Theoretical Biology*, 491(??):Article 110187, April 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519320300436.

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[SHY21] Nirvik Sinha, C. J. Heckman, and Yuan Yang. Slowly activating outward membrane currents generate input-output sub-harmonic cross frequency coupling in neurons. *Journal of Theoretical Biology*, 509(??):Article 110509, January 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519320303647.

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[Sin21] Abhyudai Singh. Attack by a common parasitoid stabilizes population dynamics of multi-host communities. *Jour-*

nal of Theoretical Biology, 531(??):Article 110897, December 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321003167`.

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[SJNRS20] Telma Silva, Willi Jäger, Maria Neuss-Radu, and Adélia Sequeira. Modeling of the early stage of atherosclerosis with emphasis on the regulation of the endothelial permeability. *Journal of Theoretical Biology*, 496(??):Article 110229, July 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320300849`.

Samanta:2021:UOG

[SK21] Tagari Samanta and Sandip Kar. Unraveling the origin of glucose mediated disparate proliferation dynamics of cancer stem cells. *Journal of Theoretical Biology*, 526(??):Article 110774, October 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S002251932100196X`.

Sudersan:2023:MDF

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Schirmer:2022:EMR

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[SKS21] Hadiseh Safdari, Ata Kalirad, and Mehdi Sadeghi. Population-level heterogeneity as a reflection of mixed strategy: a computational perspective on the Crabtree effect. *Journal of Theoretical Biology*, 531(??):Article 110912, December 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321003313`.

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[SLML20] João Sequeira, Jorge Louçã, António M. Mendes, and Pedro G. Lind. Transition from endemic behavior to eradication of malaria due to combined drug therapies: an agent-model approach. *Journal of Theoretical Biology*, 484(??):Article 110030, January 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S002251931930400X`.

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[SMEG22] T. J. Sego, Ericka D. Mochan, G. Bard Ermentrout, and James A. Glazier. A multiscale multicellular spatiotemporal model of local influenza infection and immune response. *Journal of Theoretical Biology*, 532(??):Article 110918, January 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321003374`.

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[SMJ20] Simran Kaur Sandhu, Andrew Morozov, and Lourdes Juan. Exploring the role of spatial and stoichiometric heterogeneity in the top-down control in eutrophic planktonic ecosystems. *Journal of Theoretical Biology*, 499(??):Article 110311, August 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320301661`.

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

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[SMM24] Matthew J. Simpson, Ryan J. Murphy, and Oliver J. Maclaren. Modelling count data with partial differential equation models in biology. *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/S0022519324000134`.

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[SMS20] Shakti Nath Singh, Md. Zubbair Malik, and R. K. Brojen Singh. Molecular crosstalk: Notch can manipulate Hes1 and miR-9 behavior. *Journal of Theoretical Biology*, 504(??):Article 110404, November 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320302599`.

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[SOKZ22] Akshay Sharma, Louise Olsen-Kettle, and Tonghua Zhang. Bistability and noise-induced transient behaviour of steady states in a cancer network with the regulation of microRNA. *Journal of Theoretical Biology*, 554(??):Article 111262, December 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322002533`.

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[SP20] Harrison Steel and Antonis Papachristodoulou. The effect of spatiotemporal antibiotic inhomogeneities on the evolution of resistance. *Journal of Theoretical Biology*, 486(??):Article 110077, February 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319304461`.

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

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

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[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(??):Article 110375, 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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[SSBG20] Paulo Victor Santos Souza, Rafael Silva, Chris Bauch, and Daniel Girardi. Cooperation in a generalized age-structured spatial game. *Journal of Theoretical Biology*, 484(??):Article 109995, January 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0022519319303455.

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[SSKP24] Anastasia N. Sveshnikova, Alexey M. Shibeko, Tatiana A. Kovalenko, and Mikhail A. Panteleev. Kinetics and regulation

of coagulation factor X activation by intrinsic tenase on phospholipid membranes. *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/S0022519324000389`.

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[SSKS18] Tanja Stadler, Stavroula Skylaki, Konstantinos D. Kokkaliaris, and Timm Schroeder. On the statistical analysis of single cell lineage trees. *Journal of Theoretical Biology*, 439(??):160–165, February 14, 2018. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519317305301`. See erratum [SSKS20].

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[SSKS20] Tanja Stadler, Stavroula Skylaki, Konstantinos D. Kokkaliaris, and Timm Schroeder. Erratum to "On the statistical analysis of single cell lineage trees" [J. Theor. Biol. **439** (2018) 160–165]. *Journal of Theoretical Biology*, 506 (??):Article 110424, December 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320302794`. See [SSKS18].

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[SSM+22] Julie A. Spencer, Deborah P. Shutt, S. Kane Moser, Hannah Clegg, Helen J. Wearing, Harshini Mukundan, and Carrie A. Manore. Distinguishing viruses responsible for influenza-like illness. *Journal of Theoretical Biology*, 545(??):Article 111145, July 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322001436`.

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[SSX+22] Mingwang Shen, Xiang Sun, Yanni Xiao, Yuanbao Liu, Congyue Wang, Zhiguo Wang, Libin Rong, and Zhihang Peng. The impact of supplementary immunization activities on measles transmission dynamics and implications for measles elimination goals: a mathematical modelling study. *Journal of Theoretical Biology*, 551–552(??):Article 111242, ???? 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322002375`.

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[STB20] Alix M. C. Sauve, Rachel A. Taylor, and Frédéric Barraquand. The effect of seasonal strength and abruptness on predator–prey dynamics. *Journal of Theoretical Biology*, 491(??):Article 110175, April 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S002251932030031X`.

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[STCSC+21] Daniel Sánchez-Taltavull, Violeta Castelo-Szekely, Daniel Candinas, Edgar Roldán, and Guido Beldi. Modelling

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[Ste21b] Jakob Stenseke. Persistent homology and the shape of evolutionary games. *Journal of Theoretical Biology*, 531 (??):Article 110903, December 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321003222`.

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[SUA+20] Gonzalo P. Suarez, Oyita Udiani, Brian F. Allan, Candice Price, Sadie J. Ryan, Eric Lofgren, Alin Coman, Chris M. Stone, Lazaros K. Gallos, and Nina H. Fefferman. A generic arboviral model framework for exploring trade-offs between vector control and environmental concerns. *Journal of Theoretical Biology*, 490(??):Article 110161, April 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320300175`.

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[SVHM+21] Alejandro Suarez, Pedro A. Valdes-Hernandez, Arash Moshkforoush, Nikolaos Tsoukias, and Jorge Riera. Arterial blood stealing as a mechanism of negative BOLD response: From the steady-flow with nonlinear phase separation to a windkessel-based model. *Journal of Theoretical Biology*, 529(??):Article 110856, November 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321002757`.

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[SVVPPR+24] J. Sánchez-Vargas, F. J. Valdés-Parada, L. Peraza-Reyes, D. Lasseux, and M. A. Trujillo-Roldán. Flow modeling and structural characterization in fungal pellets. *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/S0022519324001346`.

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[SW22] Xu Shan and Bin Wu. Social relationship adjustments within the same sex promote marital bliss. *Journal of Theoretical Biology*, 550(??):Article 111225, October 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322002223`.

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[Swe20] Catherine Z. W. Hassell Sweatman. Mathematical model of diabetes and lipid metabolism linked to diet, leptin sensitivity, insulin sensitivity and VLDLTG clearance predicts paths to health and type II diabetes. *Journal of Theoretical Biology*, 486(??):Article 110037, February 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319304060`.

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[SWK+20] Lianhui Shi, Jianing Wu, Harald W. Krenn, Yunqiang Yang, and Shaoze Yan. Temporal model of fluid-feeding mechanisms in a long proboscid orchid bee compared to the short proboscid honey bee. *Journal of Theoretical Biology*, 484(??):Article 110017, January 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S002251931930387X`.

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[SXJ20] Xiaodan Sun, Yanni Xiao, and Xiangting Ji. When to lift the lockdown in Hubei province during COVID-19 epidemic? An insight from a patch model and multiple source data.

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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(??):Article 109996, 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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[SYI20] Tokuharu Sekiya, Sachi Yamaguchi, and Yoh Iwasa. Bovine mastitis and optimal disease management: Dynamic programming analysis. *Journal of Theoretical Biology*, 498 (??):Article 110292, 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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[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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[Täu20] Matthias Täufer. Rapid, large-scale, and effective detection of COVID-19 via non-adaptive testing. *Journal of Theoretical Biology*, 506(??):Article 110450, December 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320303052`.

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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`.

Toth:2023:RIS

[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

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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(??):Article 110817, 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 (??):Article 110487, 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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[TH20] Steinar Thorvaldsen and Ola Hössjer. Using statistical methods to model the fine-tuning of molecular machines and systems. *Journal of Theoretical Biology*, 501 (??):Article 110352, September 21, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320302071`.

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[Tha24] Juilee Thakar. Pillars of biology: Boolean modeling of gene-regulatory networks. *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/S0022519323002795`.

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[TNHV21] Josephine N. A. Tetteh, Van Kinh Nguyen, and Esteban A. Hernandez-Vargas. Network models to evaluate vaccine strategies towards herd immunity in COVID-19. *Journal of Theoretical Biology*, 531(??):Article 110894, December 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321003131`.

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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 (??):Article 110483, 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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[TS23] Sou Tomimoto and Akiko Satake. Modelling somatic mutation accumulation and expansion in a long-lived tree with hierarchical modular architecture. *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/S0022519323000619`.

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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(??):Article 110092, 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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[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(??):Article 110059, 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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[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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[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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[Van20] Antony Van der Mude. Structure encoding in DNA. *Journal of Theoretical Biology*, 492(??):Article 110205, May 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320300606`.

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[VB21] Vignesh Venkateswaran and Renee M. Borges. Staying in the club: Exploring criteria governing metacommunity membership for obligate symbionts under host-symbiont feedback. *Journal of Theoretical Biology*, 510(??):Article 110512, February 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320303672`.

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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(??):Article 111002, 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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[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(??):Article 110963, 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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[VKS+20] Safar Vafadar, Kaveh Kavousi, Hadiseh Safdari, Ata Kalirad, and Mehdi Sadeghi. From indication to decision: a hierarchical approach to model the chemotactic be-

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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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[VVD24] B. Vibishan, Harshavardhan B. V., and Sutirth Dey. A resource-based mechanistic framework for castration-resistant prostate cancer (CRPC). *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/S0022519324000870`.

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[WA22] Kyle C. A. Wedgwood and Peter Ashwin. Morphogen-directed cell fate boundaries: slow passage through bifurcation and the role of folded saddles. *Journal of Theoretical Biology*, 549(??):Article 111220, September 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322002181`.

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[Wad22] Dinkar Wadhwa. The series of a four-node motif and coherent type-1 feed-forward loop can provide sensitive detection over arbitrary range of input signal, thereby explain Weber's law in higher-order sensory processes, and compute logarithm. *Journal of Theoretical Biology*, 543(??):Article 111107, June 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322001059`.

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[Wal20] Rodrick Wallace. Signal transduction in cognitive systems: Origin and dynamics of the inverted-U/U dose-response relations. *Journal of Theoretical Biology*, 504(??):Article 110377, November 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320302320`.

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[Wal22] Jean-Paul Walch. Modeling phyllotaxis: From the inhibition potential to the real plant. *Journal of Theoretical Biology*, 553(??):Article 111261, November 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322002521`.

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[WBKR22] Jonathan A. D. Wattis, Sian M. Bray, Panagiota Kyratzi, and Cyril Rauch. Analysis of phenotype-genotype associations using genomic informational field theory (GIFT). *Journal of Theoretical Biology*, 548(??):Article 111198, September 7, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322001965`.

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[WBS20] David J. Warne, Ruth E. Baker, and Matthew J. Simpson. A practical guide to pseudo-marginal methods for computational inference in systems biology. *Journal of Theoretical Biology*, 496(??):Article 110255, July 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320301107`.

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[WDA+23] Helena F. Willard, Eva S. Deutekom, Denis Allemand, Sylvie Tambutté, and Jaap A. Kaandorp. Testing hypotheses on the calcification in scleractinian corals using a spatio-temporal model that shows a high degree of robustness. *Journal of Theoretical Biology*, 561(??):??, March 21, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (elec-

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[WDH+20] John Whitman, Aleya Dhanji, Fernand Hayot, Stuart C. Sealfon, and Ciriyam Jayaprakash. Spatio-temporal dynamics of Host–Virus competition: a model study of influenza A. *Journal of Theoretical Biology*, 484(??):Article 110026, January 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319303960`.

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[WDHB20] Jonas Wickman, Ulf Dieckmann, Cang Hui, and Åke Brännström. How geographic productivity patterns affect food-web evolution. *Journal of Theoretical Biology*, 506(??):Article 110374, December 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320302290`.

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[WDT+20] Wafaa Wardah, Abdollah Dehzangi, Ghazaleh Taherzadeh, Mahmood A. Rashid, M. G. M. Khan, Tatsuhiko Tsunoda, and Alok Sharma. Predicting protein-peptide binding sites with a deep convolutional neural network. *Journal of Theoretical Biology*, 496(??):Article 110278, July 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320301338`.

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[WFT23] Geoff Wild, Vonica J. Flear, and Graham J. Thompson. A kin-selection model of fairness in heterogeneous 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/S0022519323000656`.

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[WH21] Xiaoliang Wang and Andrew Harrison. A general principle for spontaneous genetic symmetry breaking and pattern formation within cell populations. *Journal of Theoretical Biology*, 526(??):Article 110809, October 7, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519321002289`.

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[WHH22] Thomas E. Woolley, William Hill, and Catherine Hogan. Accounting for dimensional differences in stochastic domain invasion with applications to precancerous cell removal. *Journal of Theoretical Biology*, 541(??):Article 111024, May 21, 2022. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322000224`.

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[Whi20] Hal Whitehead. Cultural specialization and genetic diversity: Killer whales and beyond. *Journal of Theoretical Biology*, 490(??):Article 110164, April 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320300205`.

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[Whi21] Mark Whitmeyer. Strategic inattention in the Sir Philip Sidney Game. *Journal of Theoretical Biology*, 509(??):Article 110513, January 21, 2021. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519320303684`.

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[WHRH+23] Dominic G. Whittaker, Alejandra D. Herrera-Reyes, Maurice Hendrix, Markus R. Owen, Leah R. Band, Gary R.

Mirams, Kirsty J. Bolton, and Simon P. Preston. Uncertainty and error in SARS-CoV-2 epidemiological parameters inferred from population-level epidemic models. *Journal of Theoretical Biology*, 558(??):??, February 7, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519322003289`.

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[Wil23] Geoff Wild. Pillars of biology: 'the genetical evolution of social behaviour, I and II'. *Journal of Theoretical Biology*, 562(??):??, April 7, 2023. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519323000267`.

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[WLJ+20] Guan Wang, Hamid Laga, Jinyuan Jia, Stanley J. Miklavcic, and Anuj Srivastava. Statistical analysis and modeling of the geometry and topology of plant roots. *Journal of Theoretical Biology*, 486(??):Article 110108, February 7, 2020. CODEN JTBIAP. ISSN 0022-5193 (print), 1095-8541 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0022519319304771`.

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