A Complete Bibliography of Publications in Ecological Modelling (2020–2029)

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Title word cross-reference

$142.20$ [Pas21], $3$ [CGVC21, PMP+21]. $84.99$ [Mea20]. $10$
[MBMV20, SBF+21]. $2$ [CCH20, ZFT20]. $mix$ [XLS20]. $a$
[LKP+20, WCSX22]. $I$ [RAB21]. $r/K$ [MF20].

$1$ [Ano20i, Ano21i, MPL+20]. $109165$ [CVTS20a]. $109198$. $[SE20a]$. $15$
[Ano20u, Ano21u].

$2$ [CSZY+20, Cor20, MLP+20]. $2.0$ [KMH+21]. $2020$ [Ano20i, Ano20u].
$2021$ [Ano21i, Ano21u]. $2022$ [Ano22a, Ano22h, Ano22i, Ano22k, Ano22l].
$21st$ [YCK20].

$3$ [Mea20, NYH20, XLS20]. $3$-[PG] [NYH20, XLS20]. $359$ [BS20].

$4$ [Pas21]. $431$ [CVTS20a, SE20a]. $443$ [BdBG+21b].
978 [Mea20, Pas21]. 978-0-7503-2430-4 [Pas21]. 978-3-030-24528-3 [Mea20].

[GZW+20, JLH+21]. bumblebees [CDNN+20]. Bunda [MDP21]. BZI [SDP21].

cadmium [GMM20]. cage [ABC+22]. Calanus [BVM+21]. calculation [BBMR+22].
Calibration [PFM+21, HEL+21, JS22, LKP+20, LPHO+20, MPL+20, OFH+20, SDH21].
Cambodia [TKO+22]. CaMP [BST+20]. CAMPUS [FSZ+20, FZS+20].
CAMPUS-S [FSZ+20, FZS+20]. Can
[GSM+20, KN20, LGG+22, LKP+22, MVAD20]. Canadian [BST+20].
canopies [PNGESS+21, PMP+21]. canopy [CGVC21, KBAC20, MK21].
canyons [GZW+20]. capacity [HP20, PGB+20, TWL+22, YD20]. Cape
[ MDB+20, HBP+21]. capital [BARF20, BDA+20, TBCV22]. capture
[GZW+20]. Carapa [dOPdMdS+21]. Carbon
[GZW+20, BKT+20, BSB+20, CM21, CLG20, FZS+20, PZH+21, PK+21, PKR20, LSS+21, MSG+21b, NKT+20, PZH+21, PGSL+20, SPPC21, XLS+20, ZFT20]. carbon-nitrogen-water
[PGSL+20]. Caretta [MZLR+21]. caribou [SDD+20]. Carlo [SDH21].
carnivore [PBS21]. Carnsous [PR21]. carrying
[GJC+20, HP20, PGB+20, TWL+22, YD20]. cascade [DYW+22]. cascades
[BNN20]. Case
[OBFH22, SPPC21, ZML+20, BHZ21, BMR+20, BARF20, CL21, ETAH21, GRG+21, GJ+20, HNC+21, LZZC20, LDZ+21, LPA+21, LCMB21, MS20, Men+22, MVC+22, OH+21, PSM22, PNR+20, RFJ+22, RKN+21, RGD20, RAB+21, SLZ+20, TLH+20, VMM+21, WBD+22, ZWL+21, PMP+21]. catch
[LCMB21]. catch-at-length [LCMB21]. catchment [BPL+20]. cattle
[CPAT+20]. causes [NGA+20, RM20]. causing [EBMK20]. Cautions
[JB22, LZW20, SLC+20, YXY+20]. Central
[RSC+21, CNNS+21, LZF21, MLL+20, CCH+21, Pre+21, ZFT20].
central-place [CNNS+21]. century [YCK20]. certain [LKO20]. Chagas
[EBMK20]. chalcopyrites [OFH+20]. Challenges [AGS+21, LSG+21].
change [BNAR+21, CNSK+21, CMS+21, FS22, HLF+21, LBGD+21, LSS+21, MBD+22, NGA+20, NYH20, RSASP+22, RBVL+20, SMD+20, SMV+20, TKO+22, WMA+21, XLS+20, YCK20, YPS+21]. change Part
[MLP+20, MLL+20]. Changes
[AACC+20, BS21, MSG+21b, NYH20, CL21, FAC+22, LLW+21, MM+21, SBS+20, WWC+22, WZF2+21, YPS+21, ZFT20]. changing
[APGD+21, CN20, HSF+20, HCF+21, OFBH22, TMN+20, TCS+21, WSN+21]. Channel
[DH+20]. chaotic [BMRF+21]. CHAPY [OFH+20]. characteristics
[AAC+20, LZF21, MBS22]. characterizations [HMDO20]. characterize
[OTR+21]. Characterizing [dAdS+20]. cheating [LL22].
Chelonias [SMV+20]. chemicals [LBI+20]. Chernobyl [JW+20].
Chesapeake [HSM+21]. chicken [FC+21]. chicks [vdMvdS+20]. China
[CL21, GJC+20, GSJ+20, HLF+21, LZZC20, LPHO+20, LZF21, PZH+21,
concolor [CB20]. concurrently [WXH+22]. conditions
[AZMD+22, AS22, APGD+21, GGMR20, KCHZ21, LDXJ22, MLP+20, MPL+20, PYD+21a, PYD+21b, SE21, WBD+22b]. Conducting [LGA20]. confidence [BLSR+20]. configuration [OHH+21]. configurations
[RWF22]. congeners [Kos22]. Connectivity
[DLT+22, AGP20, SKH+20, TA20]. Consequences [AVRC+20, Pre22].
conservation [BMS+20, DSC+21, DWG22, GHbS21, HMGK20, HPMB20, LRA+20, MGm+20, RBEC21, SACE+20, TCS21, VBV20, ZPK22].
Conserving [XCH+21]. consider [MLP+20]. considerations
[DMPLHG120]. Considering [OTR+21, BANG20, NKT+20]. consistent
[Gri20, LPHO+20]. conspecific [WZHP21]. constrained [CIL+20].
constraints [MVAD20, YEL+21]. construction [CCJK+20]. consumer
[CKC20]. consumption [CZ21, HBC+22]. contamination
[LLW+21, MPL+20]. content [BPK+20, SPV+20]. context
[DSG21, MLP+20, MPL+20, PGB+20, RPG20, VVH+20, VSK+20].
context-dependent [DSG21]. contexts [KCS22, MVC+22]. continuum
[MF20]. contrasting [EHS+20]. contribute [VPV21]. contributing
[PYD+21a, PYD+21b]. Contribution
[DHW+20, AGP20, FSZ+20, FZS+20, MYH+20, TLC+22]. contributions
[vDC20]. control [BWP+21, BLP+20, BMRF21, BCMV20, CAB+21,
HLB+20, KS22, LRA+20, RBMR20, SE21, SRK+20, TCG+20].
control-based [RBMR20]. controlling [LB+20]. Controls
[MBS22, KDH+21, MB22]. conventional [MAD+20, TSD20].
convergence [LMN20]. Converging [LBB20]. conversion [DFOM+20].
converting [ZA20]. Convolutional [JVC21]. cool [TDI+20].
cool-temperate [TDI+20]. cooperation [Gat21]. cooperative [GAC+21].
coops [FC21]. coordination [YD20, ZSS21]. copepod [KD20]. coral
[CN20, GGMR20]. cordatus [APGD+21]. Cordyceps [CNS21]. core
[ALS+21, TLH+20]. Coro [CYP+20]. Coronavirus
[Ga20, CYP+20, Cor20]. Correcting [RGD+22]. correlation [WZHP21].
correlative [SACEU+21, TSD20]. Corrigendum
[BdBG+21b, BS20, CVTS20a, LHNA+22, PYD+21a, SE20a]. coryi [CB20].
cost [CZ21, HCPG20]. cost-effectiveness [HCPG20]. Costa [AHO+20].
Costing [HPMB20]. cotton [WXH+22]. count [RCSS20]. counts [WWP20].
Coupled [WXT+20, DVVH21, FMH+20, KCS22, MTT22, SINS22, WGB21].
Coupling [YHC+21, WLLW20, YXY+20, ZSS21]. CoV [CYP+20, Cor20].
cover [DCT+21, LSS+21, SCH+21, WPC+22, YCK20]. cowberry [ML20].
Cr [MTT22]. crab [YFW+21]. crane [NBMD21]. created [SBS+21]. Creek
[KFJS20]. Criteria [USA21, MAN+20]. Critical [TA20, ABM20]. critically
[HM20]. croaker [RJ+20]. crop
[CGVC21, DCT+21, HBC+22, JPL21, MVC+22, OHH+21, WYJ+22].
crop-weed [CGVC21, MVC+22]. cropland [HCX+21, ZPK22]. cropping
[DDH+22]. crops [CAFT22]. cross [WhdB21]. cross-validation
[MTT22], cucumber [TCG+20], culling [CAB+21], culture [DMPLHGL20, FDSM20, SZL+20], cultures [PGB+20], cumulative [LPL22], currency [CDB+20], current [JZS+21, LHDBN20], Curricular [Por21], Curtis [RP22], curve [LMNV20], curves [BBSHC22, LGA+21, SDP21], cutaneous [ZMG+21], Cuyo [AZMD+22], cyanobacteria [GSRB22, LCLG20], cyanoFilter [OSH+21], cycle [BPL+20, BP21, NGA+20, SLYL+20, SGPSzC22, SINS22], cycling [BKT20, FWK+20, SLB20b, SMP20], cytometry [OSH+21].

D [Des21, CGVC21, PMP+21], DAESim [TBCV22], damselfish [GGMR20], Data [AVRC+20, AMK21, ATP20, AG22, ALK20, BS20, BBSHC22, BVR+20, EMH+22, GCSIR22, GCS+21, GML+20, ILLM20, IBB+21, Jag20, JVGC21, JMM+20, KD20, KUK+21, LDC+20, LIP+22, LKP22, NGE+21, OSH+21, OW20, PSM22, PRdN+20, PPH+21, RBVL+20, TsdOV21, VMH+21, ZWL+21], data-sparse [AMK21], Database [TK20a], dataset [LJR+20, LKP22], date [JPL21], DayCent [DDH+22].

Dealing [BVR+20, MVAD20], DEB [AVRC+20, GSM+20, KK20, MPL+20, SLYL+20], DEB-structured [KK20], DEB-tox [AVRC+20], DEBtox [Jag20], decadal [IBB+21], decay [AB21], December [Ano20c, Ano20o, Ano21c, Ano21o], deciduous [SPPC21].

Decision [LZ20, NGE+21, USA21, BVR+20, GZK+20, JST+22, PGP+22, PBS21], decision-making [BVR+20, GZK+20, JST+22, PBS21], Decision-Support [LZ20, PGP+22], decisions [CDNN+20], decline [LG20, RM20], Decoding [HNC+21], decomposer [KKP+21], decomposition [CCH20].

Deconstructing [WGK+21], deep [CCH20, EOÖ21, WCX22], deer [BGK+20, VRW+21], Defaunation [MMD+21], defence [RTH+21], defence-reproduction [RTH+21], deficient [CAFT22, YXH20], defines [ZGG22], deforestation [ZW+22], degradation [AMK21], degraded [ESCA22], degree [ZSS21]. Delay [RCSS20], Delimitation [ZYK22], Delta [CL21], demand [MRR+20, MGdM+20], demanding [TsdOV21],
demersal [RSC+21], Demographic [PTBFP+20, ABC+22, CP20, PSM22], density [KC20, VRW+21, WRC21, dVDC20], density-dependent [dVDC20], dependence [WRC21], dependent [CTL22, DGSM21, HML+22, NGE+21, PGdAM+20, RWF22, ZSS20, dVDC20], deposition [BPL+20, RLdM20], derived [OW20], describe [HFP20, RCSS20, RRG21], Describing [BNP+20, BWS+20, CNNS+21], Description [RRG21, FSZ+20], desert [ZMS20], deserts [BP21], design [CWH+21, MAD+20, Tur20], details [WT+21], detecting [KKW+21],
detection [APF21], determinants [DDG+21, LPD+20], determine [CSZ+20], determined [HKH+20], Determining [ALS+21, RPT21, USA21], Developing [PFK+22, SDP21], Development [DDG+21, CPAT20, CMS+21, DLZ+20, HEL+21, HSD+21, Jia21, LPS+21, LJ21, SGPSzC22, TK20b, WRC21, ZSS21], diagnostic [KMH+21].
Ano21-42, Ano21-43, Ano21-44, Ano21-45, Ano21-46, Ano21-47, Ano21-48, Ano22b, Ano22c, Ano22d, Ano22e, Ano22f, Ano22g. **Edmonton** [NBML21].
edgelike [BdBG21a, BdBG21b]. **eelgrass** [KNP21].

**Effect** [RGRMRR20, ABH21+20, BLLL21, CMS21, EWE20, KUK21, KBAC20, LL21, LP22, MSG21a, MKR20, NDNN22, PZH21+21, eAdSCA20].

**effective** [BCMV20, PMZ22]. **effectiveness** [BJKT21, HCPG20].

**Employing** [ATP20], **empowerment** [NBMD21].

**Emergy** [DAB21, LYC21]. **Embracing** [FCP20]. **emergence** [BR22].

**Emergy-based** [ESCA22]. **emigration** [WGK21].

**Emilia** [MEGA21].

**emissions** [MTS20], **SM+22**, **ZPZ**22]. **Empirical** [BM21, dMFOM20, JM21, LMNV20, MAN21, RBE20, Sc20, WGAH22].

**Employing** [ATP20], **empowerment** [NBMD21].

**end-to-end** [BNN20], **endangered** [BLLL21, HMG20, HBP21].

**endemic** [HMG20]. **enemies** [LRA20]. **energetic** [KLA20, WLL20].

**Energetics** [CDB20, DGSM21, Koo20a].

**Energy** [DPC20, FCP20], **GLA**20, **LFN**20, **MTP**20, **PDG**20, **VLG**20, **ZML20**, **BPK**20, **CZ21**, **CDB**20, **DLZ**20, **DLZ**21, **FMSR**20, **HMG20**, **KD20**, **Koo20b**, **LAK20**, **LBS20**, **MK21**, **RPG20**, **RJY**20, **RRCZ20**, **SLY**21, **SML**20, **VHV**20, **YRK**20, **vdMvD20**], **energy-based** [SYL21].

**Energy-Landscape** [MTP20].

**engineers** [SBS20, SBS21].

**English** [DHW21]. **enhance** [ATP20, FCP20, Okt21].

**enhancement** [YRK20].

**ensu** [LR21-22], **ensemble** [HBP21, LLLZ21, ZFP21].

**ENS0** [GGMR20], **entrainment** [HKH20].

**Entropy** [ZSS20, GCS21, HMD20, WT20, XJW21]. **environ** [LL21].

**environment** [BSE21, BWS20], **HSE**20, **HLB**20, **KN20**, **PNGESS21**, **SBS**21, **SMP20**, **ZSS21**.

**Environmental** [LMNV20, MBB20, OZSU22, Pas21, APGD21, BSR21, BAF20, BDA20, CZ21, DMPLHL20, FAC22, KCH21, LBGD21, LCP20, LBI20, MRR20, MBFS21, MLP20, PYD+21a, PYD+21b, SLFY+20, Vas20, WG21, WBD+22a, YEL+21].

**environments** [BVM21, BR22, EHS+20, MMRL20, SG20, YXH20].

**Enzo** [Ano20-49]. **ephemeral** [AGP20, BGR20, BSR21].

**Ephemeroptera** [KJF20].

**EPIC** [WYJ22]. **epidemics** [BCMV20].

**Epizootic** [SLM21].

**equation** [CMG20, DAQ20].

**equations** [MAN20, VMM21].

**equivalent** [DL21].

**equivalence** [HFP22].

**eradication** [HKH20].

**erosion** [AJG22, GGM20, LSS21, YG21].

**errors** [OHH21].

**establishment**
[AV22, SG20]. estimate [PSM22, TTPA21]. estimated [LCMB21].


Eucalyptus [EHS+20]. Euclidean [RP22]. Europe [ASL+20, EVT+21, Pre22, SBR20]. European [CH22, DHW+20, LG20, MKR20, RBVL+20, SLB+20a, WBW+20, WBD+22a].

Gaia [Gat20], gain [BPK+20], game [GHs21], gap [RP22]. Gaps
[AVRC+20, LKPK22], gardens [RPARM20]. gas
[BST+20, CPAT20, HCP+20, KMH+21, MTS+20]. GCM [TKO+22, ZFT20].
GCM-related [TKO+22], geese [JZJ+20]. general
[PSG21, RRSG21, DLT+22]. generalizable [RBEH21]. Generalized
[SE21, CIL+20], generated [TK20a]. Generation
[EHS+20, LGa+21, MKS21]. generic [CdCAC+20, DWG22]. genetic
[SG20]. genetically [NS20]. geochemical [MTT22]. Geographic
[LB21, HMD20, RJY+20], geography [USA21]. geais [MRR+20].
geremanica [CH22]. germinans [LK20]. GHG [KMH+21]. giant [FK21].
GIS [ILLM20, USA21]. given [SE20a, SE20b]. GLCM [DLT+22]. glider
[ACZ+21]. Global [LB21, MBFS21, CBW22, CYP+20, Cor20, HES+20,
KMH+21, LC20, lhnA+21, lhnA+22, MLPl+20, MPL+20, OHH+21,
SQD21, SMP20, TRMB20]. global-scale [CYP+20, Cor20]. globosa
[LCMB21]. going [ARSC22]. Gompertz [CMG20]. good
[BCMV20, LJRM+20]. GPP [SPPC21]. Grabarnik [Mea20]. gradient
[ALS+21, SGTS21]. gradients [BMS+20, LGD21]. granularity [OSH+21].
grasshopper [LG21]. grassland [HCP+20, WTT+21, Yu20, ZFT20].
grasslands [AG22, DP20, HHT21, MCG21, PSM+21, SHT21]. grazing
Greece [LPD+20]. green
[GZW+20, MKR20, RRCZ20, SBF+21, SMV+20, SRB+20]. green-lipped
[RCCZ20]. greenhouse
[AAC20, BST+20, HCP+20, KMH+21, MTS+20, TCG+20]. grey [CAB+21].
grizzly [GCS+21]. gross [GLK+22, HCX+21]. Ground
[ABC+22, ETO21, FSZ+20, FZS+20]. ground-level [EO21].
Ground-truthing [ABC+22]. grounds [KiAM+20]. groundwater
[Ch21, ZSS20, BPN+20]. groundwater-dependent [ZSS20]. group
[GAC+21]. groups [BLP20, vVWH20]. Growth
[KDC+21, dSMPA+22, dOPdBdSD+21, VLG+20, WXT+20, AZMD+22,
AMJ22, AG22, CZ21, CMG20, CMS+21, DHW+20, DPC20, dMFOM+20,
HMVR21, HFG22, Jia21, KLS20, KABL21, KLA+20, KBAC20, LM21, LZF21,
LCMB21, MGHT20, MLP+20, PKO+21, Pre22, SE20a, SE20b, SVK20,
mSzkZ+21, SMV+20, SRB+20, SLC+20, TKO+22, WJ+22, ZYK22, ZS20].
growth-maintenance [AG22]. guarantee [CKC20]. GUESS [ERP21].
guianensis [dOPdBdSD+21]. guidance [Gri20]. guide [DWG22, Trr20].
guided [HSJ+20]. guideline [SACEU+21]. guild [CKC20]. guilds
[LLZM20]. Gulf [MZLRSZ21, RWF22, WSFZ21]. gull [vMVdSL20]. gut
[LSL21]. GWR [ZSS21].

Habitat
[HSF+20, YHC+21, BLLL21, BBSHC22, CWH+21, DL21, ILLM20, JLS+21,
LGA, PTNR, SvV, SKH, WK, YXY, ZWL, habitats [Che, GRCSA, Haliaeetus [RM], Halitosis [DLZ], Handling [LKPK, Hanjiang [ZZZ, hardcover [Men, hardwood [JLH, MLL, hare [LG], Harmful [KSJ, PTG, harvest [dScA, DAG, DDL, SLLW], harvesting [BSE, PBH, SvV], hatchling [LHDBN], heat [SCH, heatwave [SMV], heatwaves [MKR], heavy [LLW], Hebei [LZ, ZMLM], Hediste [GLA, Height [SE, SE20a, SE20b, HFP, helper [GAC], hemimetabolous [SKH, Hemiptera [PTBF, Henriot [TCG, herbivore [WSN, YL], herbivores [GJC, RMK, herbivorous [PGDAM], HermaDEB [LBS, hemaphrodites [LBS], heterocyst [GRS], heterogeneity [DPA, LGFT, LP, vDC], heterogeneous [BR, PEFW, PMP, SG], hierarchical [PDGB, SWF, WBD, hosts [Che, GRCSA, Haliaeetus [RM], Halitosis [DLZ], handling [LKPK, Hanjiang [ZZZ, hardcover [Men, hardwood [JLH, MLL, hare [LG], harmful [KSJ, PTG, harvest [dScA, DAG, DDL, SLLW], harvesting [BSE, PBH, SvV], hatchling [LHDBN], heat [SCH, heatwave [SMV], heatwaves [MKR], heavy [LLW], Hebei [LZ, ZMLM], Hediste [GLA, Height [SE, SE20a, SE20b, HFP, helper [GAC], hemimetabolous [SKH, Hemiptera [PTBF, Henriot [TCG, herbivore [WSN, YL], herbivores [GJC, RMK, herbivorous [PGDAM], HermaDEB [LBS, hemaphrodites [LBS], heterocyst [GRS], heterogeneity [DPA, LGFT, LP, vDC], heterogeneous [BR, PEFW, PMP, SG], hierarchical [PDGB, SWF, WBD, High [BRC, LBGD, YHC, ACZ, CDB, YXH, vdHNH], High-precision [YHC, higher [CKC, GJC, Himalayan [BS, Himalayas [BWS, hirundinacea [ARS], Historical [ZPZ, AG], histories [RP], history [BM, CTL, CP, KD, SL, vDC], history-dependent [CTL, hitchhiker [DWG], Hoekse [PRD], holey [TPA], honeybee [MCC, Hopf [NDN], host [CLPZ, MSLM, MM, Oku, PTBF, RWS, SE, ZMG], hosts [Oku], hot [LLZ, MZLS, hotspot [BRC, ZZW], hourly [BH], HSPF [LK, Hugo [Pas], human [CBW, FMSR, GRCSA, KCS, MDP, RGRMRR, WG, YPS], human-altered [GRCSA], human-ecosystems [RGRMRR], human-natural [KCS], humidity [WBD, lumbback [SWF], hunter [LP], hunting [CPA], Hutchinson [MYH], hybrid [LN, hybridization [SCB], hydra [dAdS], hydraulic [KS], Hydrodynamic [YHC, Che, HSF], hydrologic [TKO], hydrological [NA, ZRMW], hydrology [NWO], hydropower [DY, hyperallometric [SG], hyperbolic [PSZ], hypereutrophic [DAQ], hypotheses [SGL], Hyrcanian [LhNA, LhNA], ibex [LGFT], IBM [LBS], ideal [Men], ideas [Ano], identifiability [SC], identification [DBH], identified [BLB], identify [OSH], Identifying [BG, MKEH, KDC], Ignoring [LKPK], II [FZS], III [ML], images [CSY, immersed [For], Impact [MSL, SLYL, AMK, BMB, CdcAC, DAG, HMC, JB, LDXJ, MGHT, NA, RBVL, TKO, VMH, ZA, ZCJ], impacted [ZRMW], Impacts [CPA, XLS, ZMF, BPW]
[OW20, PRdN^+20, BNN^+20]. **intensity** [TMNA20]. **intensive** [ZCJ^+20].

**inter** [EVHS21, KD20, MPL^+20, PSG21]. **inter-** [PSG21]. **inter-individual** [KD20, MPL^+20]. **inter-site** [EVHS21]. **interact** [KN20]. **interaction** [GGS^+22, HFP22, JBF22, MVC^+22, MM21, PVS^+21, TRMB20].

**interactions**

[ABM20, AM21, BANG20, BNN20, CLPZ20, CZ21, CDNN^+20, GGMR20, HFP20, KNP^+21, LRA^+20, LP22, MDP21, PSG21, PGS^+20, RBEC21, SG^+20, SLW21, SPV^+20, WMA21, WTT^+21, YL22, YEL^+21].

**interactive** [CVTS20a, CVTS20b].

**intercropping** [DDH^+22, KKP^+21].

**interdependent** [RK20].

**International** [Mea20].

**interplay** [AM21].

**interpolators** [RAB21].

**interpretations** [LPL22].

**interregional** [ZLML20].

**intersection** [LHDBN20].

**intertidal** [GSM^+20, vdHNH^+20].

**interval** [ALK20].

**intervals** [JPL21].

**intra** [CKC20].

**intraguild** [CKC20].

**intraspecific** [PSG21].

**Intrinsic** [MSML21, YZF20].

**invadable** [MOS21].

**invaders** [SG20].

**invasion** [AV22, Fou21, LBL22, NL20].

**invasive**

[CH22, LGG^+22, LDXJ22, SLB20b, SBR20].

**invasiveness** [PBH22].

**inventory** [IBB^+21, PPH^+21].

**inversion** [TDI^+20].

**investigate** [DHW^+20, DPC20, MSG21a, RWF22].

**investigating** [CZ21, MGHT20].

**Investigation** [GCSR22, RKN^+21, WRC21].

**investigations** [CM21].

**Ionian** [RSC^+21, LPD^+20].

**ionising** [VS^+20].

**ionizing** [YXH20].

**IOP** [Pas21].

**Iran** [ETAAH21, RSASP22].

**irradiance** [SDP21].

**irregular** [JM22].

**irrigated** [GLK^+22].

**ISBN** [Mea20, Pas21].

**ISBN-13** [Pas21].

**island** [SBS^+20, GCSR22].

**Islands** [LPD^+20, SOV21].

**issues** [PBH22].

**Italy** [MEGA21, SBF^+21, BARF20, DSC^+21, LPA^+21].

**iteroparous** [KK20].

**Ixodes** [WBD^+22b].

**January** [Ano20e, Ano20q, Ano21e, Ano21q, Ano22i].

**Japan**

[BWS^+20, KiAM^+20, TD^+20].

**jellyfish** [EWE20, XFK21].

**Jorgensen** [Fat21].

**JRR** [Fat21].

**July** [Ano20f, Ano20r, Ano21f, Ano21r].

**Jurassic** [PR21].

**Just** [PMZ^+21].

**juvenile** [BdBG^+21a, BdBG^+21b, MBB20, MLP^+20, WRC21].

**JZB** [XZ^+20].

**Kamchatka** [PA20].

**Karenia** [GSJ^+22].

**Kelp** [VLGG^+20].

**Kerguelen** [APGD^+21].

**kernel** [PSW22].

**Key**

[YG21, CNSK21, GAC^+21, GRC^+20, KDC^+21].

**keystone** [HNC^+21].

**Kheyruud** [ETAAH21].

**Kinetics** [GSJ^+22].

**Kingdom** [Pas21, KLA^+20].

**knowledge** [JZ^+21, MS20, PRdN^+20, VRS20].

**known** [BGS^+20].

**krill** [BMB21].

**Kuznets** [LMLV20].

**L**

[EVT^+21, LhNA^+21, LhNA^+22].

**laboratories** [Tur20].

**laboratory** [AZMD^+22].

**labrax** [WBW^+20].

**lactuca** [LFN^+20].

**lagoon** [AACCIS20, PGB^+20].

**Lagrangian** [TMNA20].

**LAI** [CSZY^+20].

**lake**
loss [ALK20, LSL20, LAK20, MMdP+21]. losses [LLLZ21].
Lotka [NMFOB21]. Low [HP20, RM20, MDB+20, YXH20]. low-dose
[YXH20]. low-input [MDB+20]. lower [XZZ+22]. lowland [HCPG20].
Loxodonta [DDG+21]. LPJ [ERP21]. LPJ-GUESS-LMfireCF [ERP21].
Ltd [Pas21]. LUCIA [WMA21].

Machine [Ano20-51, ASHK22, HSJ+20, KKW+21, MBFS21, WK+21].
Macro [RTH+21]. Macro-symbiosis [RTH+21]. macroalga [LFN+20].
macroecology [GRS+20]. macroscopic [ZZWF21]. main
[BNAR+21, HLW+20, RJY+20]. maintaining [MSG21a]. maintenance
[AG22]. maize [AMK21, GLK+22, WXH+22]. Making
[MPCG21]. managed [MPG21]. managed [MPCG21].

Management [Ano20-51, ASHK22, HSJ+20, KKW+21, MBFS21, WK+21].
Management1 [LL22]. manatee [Che21]. MANGA [BPN+20]. mangrove
[LK20, ZRM+20, BPN+20]. map [DLT+22, WHdBB21]. Mapping
[GRGHM21, LGA20, RWF22]. Mapping
[GRGHM21, LGA20, RWF22]. Mapping
PFDB21]. maps [LCP+20]. March
[Ano20h, Ano21h, Ano21t, Ano22k]. margaritifera [SLYL+20].
Marginal [Men22, ESCA22]. marginalis [GMM20]. marginalized [KCS22].
Marine [BDA+20, BWS+20, BARF20, CNNS+21, GRGHM21, HES+20, JSD+22, KKPR20, MS20, MBFS21, MSML21, MMRBLN20, MZLRSZ21, MBD+22, RAB21, SBS+21, SMV+20, WA20, YD20]. Marion [GCSIR22].
maritima [HP+21]. maritime [YD20]. Markov [SOV21]. marsh
[LBGD21, QZSV21]. Maryland [BRBT22]. mass
[GRGHM21, LGA20, RWF22]. Mate [WZWF20]. material [LZV21].
mast [CC20]. Mathematical [GGS+22, LJP+22, WGAH22, BCMV20, GAC+21, RWF22, SE20a, SE20b, SvV21, YXY+20]. mathematics
[ZWL+21]. matrices [TK20a, TTPA21]. Matrix [TK20a, CCJK+20, CP20, LKO20, LSG21, PTG+20, SCB+20, SdlP20, XYRZ21, dVDC20]. Matt
[EV+21]. matter [AB21, FMSR20, WTT+21]. matters
[BS20, Fun21, RWS+21, VVH+20]. Mauve [EWE20]. MaxEnt
[HPMB20, SRTS20, ATP20]. Maximum
dScdA21, AKM22, GCS+21, HMD20, WT20, XJW21]. May
[Ano20i, Ano20u, Ano21t, Ano22u, MBD+22, Ano22]. mayfly [KFJS20].
MCDA [USA21]. MCDM [LJ+21]. meadow [ALS+21]. measure [RP22].
measured [GCSIR22]. measurements [ASHK22]. Measuring [DPA21].
mechanics [YEL+21]. mechanism [DDH+22, SZL+21, YXH20].
mechanisms [SINS22]. mechanistic [BPW+21, CSBS21, EJ20, HMGK20, KN20, KBAC20, MK21, MOS21, RBEH21]. mediated [VH+20].
Mediterranean [RSC+21, AACCIS20, BRC+21, BCMV20, DAQ20, LP+20, PGSL+20, SBF+21, SMD+20]. Mediterranean-type [AACCIS20].
HLM+20, HCX+21, HFP20, HFP22, JLH+21, JLV+21, JPL21, Jia21, JSL+20, JSD+22, KIAM+20, KMH+21, KN20, KABL21, KWG+22, KD20, Koo20b, KTB+21, KKPR20, LGFT+20, LDR+20, LFN+20, LKP+20, LBGD21].

**model** [LBI+20, LYC+21, LJP+22, LZW20, LCW+21, LPS+21, LNK+21, LGA20, LCMB21, MK21, MKR20, MS20, MSMSL21, MSLSM22, MVAD20, MOS21, MZLR21, MPCG21, MLP+20, NWO21, NGA+20, NDNN22, NYH20, NMGFOB21, OFH+20, PFM+21, PVS+21, PSM22, PSC21, PPH+21, PTG+20, PGP+20, PMP+21, PGdAM+20, QZSV21, RWF22, RFJ+22, RBMR20, RJY+20, RBEH21, RRS21, RBVL+20, SBS+21, STQ+22, SSV21, SMM+22, SRG+21, SACEU+21, SDH21, SFB+20, SDP21, SBR20, TBCV22, TWL+22, TDI+20, TKO+22, TK20b, VMH+21, VVH+20, VRS20, WBW+20, WRC21, WYJ+22, WMA21, WBD+22a, WCSS22, WKL+21, XYZR21, XLS20, XCZ+20, YRK+20, XY+20, YLS+21, Yu20, YCI20, ZMG+21, ZPZ+22, ZS20, dVDC20, dFT+20, DDBR22].

**Model-based** [KUK+21, WRC21].

**Modeling**

[AJJG22, ASHK22, AV22, ABM20, ABRG21, BLLL21, BP21, DCT+21, DAG+21, JLV+21, KCS22, LSA+21, LSL21, LCLG20, LSS+21, LDSJ22, MEGA21, NK+20, PBA22, PZ+21, RKN+21, RGD20, SGTS21, SFB+21, SCH+21, SINS22, SDP21, TCB21, TSy22, VRW+21, VLGG+20, WXH+22, YFW+21, YEL+21, ZRMV+20, AGS+21, AHO+20, BZTT22, BPL+20, DAD20, EQU21, RVIS21, E22, ERP21, dMFOM+20, HBP+21, HPMB20, HMD20, HSD+21, HCPG20, JZS+21, JM22, KKP+21, KFS20, KBAC20, LJR+21, LBB20, LJP+22, LGA20, MNC+22, NBLY21, NA22, PGP+22, dOPdMdS+21, Fref22, PCK+22, RK20, RBE21, RBEH21, SLYL+20, SHT21, SOV21, SC21, SKH+20, TSdOC21, ZWZ+20, vdHNH+20, vdMv0210].

**Modell** [BS20].

**Modelling**

[ABH+20, AGP20, BJK21, BH21, BAR20, CH22, CBW22, CVT20a, CMA20, CIL+20, EWE20, FMSR20, GRGGM21, HLH+20, LKB+20, LPL20, MAN+20, NS20, Pas21, PEF20, PKO+21, RSC+21, SBS+20, SE20a, SGP+20, SLB+20a, SLR20, SPP21, SML+20, VWM+21, VSK+20, WWP20, WXT+20, ZSS20, vWVH20, AMK21, Anc20-50, BW+21, BRC+21, BdBG+21a, BdBG+21b, BS20, CDNN+20, CSMP21, CN20, DCM+21, DWG22, GGS+22, GCS+21, HK+20, HSP+22, HHT21, Kos22, LG20, LSG21, MSG21a, MSL+21, dMPA+22, MAD+20, MPD21, MDP+20, MTT22, MM21, NMC+20, OBTH22, PBS21, PMP+20, PGSL+20, RGP20, RLD20, SCB+20, SRTS20, SVK20, SACEU+21, SWF21, TMNA20, WCG21, WT20, ZMS20].

**models**

[AJJG22, AS22, ATP20, BSWS21, BLSR+20, BVR+20, CSZY+20, CSBS21, CCJ+20, CWH+21, CDB+20, CIL+20, dSC42A1, DAB+20, EJ20, FDSM20, Fou21, GSH+22, GWH20, GML+20, GSM+20, GL+22, IBB+21, Jag20, JJZ+20, LL22, LPHO+20, LKO20, MCK21, MBF21, MMRL20, MVAD20, MBS22, MB+22, NGE+21, OTR+21, OHH+21, OW20, OKS+21, PGP+22, PFK+22, PTNR+20, RRCZ20, RPT21, SDF20, SVK20, SOV21, Ste20, TCG+20, Tur20, VRS20, WTT+21, WBD+22b, ZSS+22, ZFP21, dAdS2A20].
modern [Ano20-49, SACE+20]. Modified
[TLC+22, BPB+20, CMG20, NS20, YXY+20]. modulate [TRMB20, VBH20].
modules [ZMF+20]. moment [BLP20]. Mongolia [NWO21]. Mongolian
[ZYM+21]. monitoring [JZJ+20, LL22, PSZ20, Yao21]. Monod [WGAH22].
monoxide [KKP20]. monsoon [NDNN22]. montdorensis [TCG+20].
[PSM22, GRGHM21, LPS+21, MKR20, LPS+21]. mosquito
[VMM+21, WRC21, WKL+21]. mosquitoes [HLB+20, KWG+22, NS20].
most [KDC+21]. moth [LGG+22, PVS+21, SBR20]. mountain [IBB+21].
Mountains [CWH+21]. Movement
[MKS21, Ano20-50, CDNN+20, CNNS+21, DDG+21, JSD+22, PBS21].
movements [BLP20, STQ+22]. Multi [TRMB20, USA21, Ano20-50, AHO+20, BGCJ21, BM21, CWH+21, EL21, GLA+20, Gat21, HLM+20, IBB+21, JVG21, MRCG21, PBS21, SRAM+20, VRS20]. multi-action
multi-dimensional [Ano20-50]. multi-domainal [Ano20-50].
multi-population [EL21]. Multi-scale
[TRMB20, CWH+21, HLM+20, PBS21]. multi-scaled [AHO+20].
multi-sensor [JVG21]. multi-species [BGCJ21, BM21, MRCG21, VRS20].
multi-trophic [GLA+20]. multiannual [PMP+21]. multi-scaled
[Ano20-50]. multi-sensor [JVGC21]. mussel
[FDSM20, RRCZ20]. mussel trait [CP20]. mussel
[SLB20b]. my [LJRM+20]. mycorrhizal
[MGHT20]. mydas [SMV+20].

Nanjing [LDZ21]. nanoflagellates [LBPL20]. Naples [SBF+21].
Narragansett [HML+22]. Nash [SACE+20]. Natal [vdMvDSL20]. National
[SAC+20, BPH+21]. native [DP20, MRR+20, dOPdMIS+21].
Natural [Ano20-51, PPH+20, BARF20, BDA+20, CPAT20, KCS22,
LRA+20, LGG+22, MSG+21b, MPL+20, TBC22, W2G21, ZPZ+22].
naturalisation [RPAR20]. nature [Ano20-50, HMP20]. nearest
[PS20]. nearest-neighbour [PSZ20]. need [MTS+20]. neighbour
[BLP20, PSZ20]. neighbour-biased [BLP20]. Nemopilema [XFK21].
Neooloeon [KFJ20]. Neotropical [PTBFP+20]. net
[ASHK22, DP20, SMD+20, Yu20, ZCJ+20]. Netherlands
[HSP+22, PRdN+20]. Network [JVG221, LL2M20, Abe20, BLB+20, CB20, CDNN+20, DPA21, FDSM20, GCS+21, GZK+20, LSL20, LLW+21, MS20, PPSS22, SRTS20, SZ20, SPV+20, ZWL+21]. networks [BANG20, CCH20, DPA21, E021, FdKO21, GML+20, HMD20, HNC+21, LBL22]. Neural
[JVG21, BLB+20, CCH20, MS20, SZ20]. Next [EHS+20, MKS21].
next-generation [MKS21]. nexus [DLZ+20]. NFI [PPH+21]. Niche
[Kos22, ARSC22, BMS+20, CIL+20, CYP+20, Cor20, Fou21, JS22, LLZM20,
MMRBLN20, SACEU+21, Ts4OCV21, WCF+22, ZFP21]. Nile [KWG+22].
Nitocra [KD20], nitrogen [BH20, FSZ+20, FZS+20, KKP+21, LLLZ21,
PGSL+20, RLDf20, SMM+22, Sta20, YG21, ZMF+20, ZZWF21]. nitrous
[ZMF+20, ZPZ+22]. no [Koo20b, CCH20]. nobilis [GRGHM21, HMGK20],
nootiluca [EWE20], noise [JSD+22]. nominal [PPSS22]. nominai
[XFK21]. non [CWH+21, MOS21, vWVH20]. non-attentional [vWVH20].
non-invalable [MOS21]. non-representative [CWH+21]. Nonlinear
[Vas20]. North [SGTS21, PTNR+20]. northeast [XLS20, MSG+21b].
Northeastern [HLH+21], northern [BGCJ21, SLLW21, RSC+21], Norway
[HEL+21]. Novel
[LSG21, BANG20, DHH+22, ILLM20, Jia21, SBS+21, TWL+22, WT20],
November [Agr20j, Agr20v, Agr21j, Agr21v]. Number [CWF+21].
numbers [CAB+21]. numerical [AB21, SZL+20], nungara [Fou21].
nutrient [FWK+20, HCPG20, Vas20, YXH20, ZZS+22, ZWZ+20].
nutrient-deficient [YXH20]. nutrient-removal [HCPG20]. nutrients
[BH21, RKN+21]. nutritional [LBPL20]. Nutritionally [CAFT22].
oak [EVT+21, NYH20, PGSL+20]. Obama [Fou21]. objectives [DDL+20].
observation [SOV21]. observations [ACZ+21], observed [BVR+20].
occupancy [DL21, SOV21]. Ocean
[APGD+21, RRCZ20, ACZ+21, BAoAM+20, LHDBN20]. oceanic
[KNP+21, WSFZ21]. oceanography [LHDBN20]. oceans [ZGG22].
October [Agr20k, Agr20v, Agr21k, Agr21v]. ODD [Gri20]. ODE
[RSSG21]. ODE-based [RSSG21], off [CP20, KiAM+20], off [DSC+21].
oil [HMVR21]. Okhotsk [PA20], oil [LDZ21]. oleae [PVS+21]. ogleness
[XLS20]. Oliv [ZWL+21]. olive [PVS+21]. Oncorhynchus [BLLL21]. one
[DBK20, TCB21]. one-dimensional [DBK20]. only [GWH20, MB+22].
ontogenetic [mSzZK+21]. open [LGA20]. operating [MM21]. operational
[DL+22, MVC+22]. Operationalising [DBDR22]. opinions [WBD+22b].
opportunistic [EMH+22, TCB21, VMH+21]. opportunities
[AGS+21, LSG21, MKEH20]. Optimal
[BPB+20, CC20, DMPLHGL20, L21, RBMRR20, VBH20]. Optimisation
[TLH+22]. Optimising [DDL+20]. Optimization
[MTP+20, WCSS22, FCP+20, HBC+22, RKK20]. optimizing [NGE+21].
option [KMH+21]. ordinal [PPSS22]. organic
[AB21, JLV+21, MAD+20, MLP+20, MPL+20]. organisms [Jia21, KKP+21].
organization [YEL+21]. organizing [EL21, LCP+20]. oriental
[LiNA+21, LiNA+22]. orientalis [LiNA+21, LiNA+22]. oriented
[CM21, PTNR+20], origin [DLZ+20]. OSMOSE [XZ+20].
OSMOSE-JZB [XZ+20]. outbreak [BJKT21, Gat20]. outcome [vDC20].
outcomes [MKS21]. outdoor [CCH20]. output [HLM+20]. outputs
[AVRC+20]. over-harvesting [PBH22]. overhead [LZSQ20].
overprediction [MVAD20]. Overview [HSD+21]. owls [KKPR20].
odification [ZMF+20, ZPZ+22]. oxygen [YFW+21].
oyster [YEL+21]. ozone [EOO21].

P [Mea20, SDP21, Pas21]. P-I [SDP21]. Pacific
[BWS+20, dMFOM+20, GGMR20, KiAM+20].
Package [GSJC22, OSH+21, RPT21, SGPSzC22]. paddy [HCX+21, SMM+22].
Pairwise [SPV+21, MEPJ21]. Pakistan [SLY+21]. pandemic [EOO21].
Panopea [LCMB21]. panther [CB20]. paradigm [AG22]. paradox [MYH+20].
parameter [EJ20, MTT22, TDI+20]. Parameterisation [RJY+20, RRCZ20, MPL+20].
parameterization [FCP+20, KKPR20, PTG+20, FZS+20]. parameters [AS22, BGCJ21,
HCX+21, JPL21, KD20, LAK20, MSLMM22, MLP+20, SC21, XZC+20].
parametric [RP22, WBD+22]. parasite [EBMK20, GRGHM21, TA20].
parasite-produced [GRGHM21]. parasitic [BPW+21]. parasitism [MMC+21, Oku21, dFT+20].
Patagonia [AM22]. patch [CDNN+20, FdKO21, LSL20].
patches [AKM22, CAFT22]. pathogen [AV22]. pathway [vdHNH+20].
pathways [MBB20]. pattern [FdKO21, HLM+20, SLC+20]. patterning [LCP+20].
patterns [CLPZ20, CDB+20, GCSlR22, LDR+20, LZF21, PKO+21, WZHP21, WWC+22, ZPZ+22, ZZW+22]. PCA [LNK+21].
PCA-SEM-ANN [LNK+21]. Pearl [CL21]. peatland [BST+20, RGD20].
penguins [Koo20a]. percolation [HFP20, HFP22]. percolation-based [HFP22].
Performance [KTB+21, PTBF+20, RM20, VMH+21, VRS20, XZC+20]. perि [RBEC21, USA21]. perি-urban [RBEC21, USA21]. period [EOO21].
periodic [KK20]. Periphyton [HKH+20]. permafrost [LCW+21].
persistence [FdKO21, LSA+21, LJP+22]. Persistent [CCJK+20, LKO20, MLP+20, MPL+20].
perspective [CBW22, CN20, LSL21, SE20a, SE20b]. perturbations [CTL22, WA20].
PEST [MITT22, BPW+21, BJKT21, JBP22, LRA+20, NGE+21, PVS+21, PEFW20, PSM+21, RCSS20].
philopatry [BR22]. phosphate [GSJ+22]. Phosphorus [ADR21, HSJ+20, SLB20b, YG21, ZWZ+20]. photography [KKW+21].
physical [AZMD+22, FMH+20]. physical [GRS+20].
physiognomies [DDD21]. physiological [DPC20, RRSG21].
Phytoplankton [PA20, TMNA20, ACZ+21, HMC20, MYH+20, MS20, MBS21, OSH+21, RKN+21, SINS22, Vas20, ZGG22]. pigmentation [OSH+21]. Pinctada [SLY+20]. pine [EVT+21, JKL+21, ML20].
Plains [ZFT20]. planarian [FOU21]. plankton [EL21, MSML21, PCK+22].
planktonic [MBS22]. Planning [MTP+20, CL21, DLT+22, SRAMH+20, SACE+20]. Plant [LM21, RMK21, TK20a, WXT+20, CWF+21, DAG+21, ERP21, HLW+20, HHT21, JBF22, KKP+21, LSA+21, MGHT20, MPCI21, PMP+21, QZSV21, SVK20, VPV21, WMA21, WTT+21, WCF+22, YL22, YLS+21, ZMS20].
policies [CL21, DWG22]. pollination [CAFT22, JSL+20, PDGB21, SPV+20, SPV+21]. pollinator [YL22].
Power-law [KLS20]. Poyang [HSF+20]. Practice [ANO20-51, LSG21].
practices [BCM20, TLC+22, TCS21]. Prays [PVS+21]. pre [LDC+20].
pre-processing [LDC+20]. Precipitation [WXT+20, LM21]. precision
[YHC21]. precocial [CC20]. predation
[CK20, LK20, MAN20, VVH20, vVWH20]. predator
dSCdA21, MAN20, MF20, SGP20, SQDM21, TCG20, dAdSCA20].
predators [BSE21, PBH22]. predatory [TCG20]. predict
[CdCAC20, CYP20, Cor20, D VH21, JPL21, Jia21]. Predictability
[BH20]. predicted [FS22]. Predicting [HKB20, HSJ20, HMDO20,
dSMPA22, NA22, SDD20, SMM22, VVH20, WSN21, vdMvDSL20,
FG21, KTB21, M KS21, STQ22, Ste20, SPV21]. prediction
[GWH20, LJ22, LLLZ21, LNK21, SZ20, XZZ22]. predictions
[ABC22, EVHS21, For20]. predictive
[EJ20, JLH21, TDI20, VRS20, YCI20]. preferences
[DDL20, PTNR20, VRS20]. Presence [GWH20, CIL20, HBP21].
Presence-only [GWH20]. Preservation [DS21]. preserving [AM22].
pressure [DSC21, GJC20]. prevalence [GWH20]. prevent [GRCSA20].
prevention [BJKT21, GZK20]. prey [BSE21, dSCdA21, MAN20, MF20,
SGP20, SQDM21, TCG20, dAdSCA20]. prey-predator [SGP20].
primary [DP20, GAC21, GLK22, HMC20, HCX21, KUK21, MS20,
MBFS21, SDP21, Yu20, ZCJ20]. principles [BPN21]. prior
[BWS20, TTPA21, VRS20]. prioritization [HPMB20]. probabilistic
[DBH22]. problem [LK20, FS22]. problems
[CCK20, LCLG20, TK20]. procedure [EJ20, PFW20]. Process
[Por21, GSH22, HSJ20, HEL21, HCPG20, KTB21, LJRM20, LCW21,
MPCG21, NWO21, OKS21, PTNR20, W G22, ZP22]. process-based
[HEL21, HCPG20, KTB21, LCW21, MPCG21, NWO21, OKS21, ZP22].
process-guided [HSJ20]. process-oriented [PTNR20].
Processes [YHC21, AJG22, EL21, LCW21, MM21, QZSV21, SHT21,
TRMB20, Tsy22, WTT21]. processing [LDC21]. produced [GRGHM21].
Production [TLH20, AAC20, BLLL21, DP20, ESCA22, GLK22, HMC20,
HCX21, KUK21, MTS20, MS20, MBFS21, MEGA21, MGD20,
NBMD21, OZSU22, SYL21, SMD20, SDP21, TKO22, XLS20].
production-irradiance [SDP21]. Productivity
[LB21, HCP20, KDH21, NYH20, SE20a, SE20b, SHT21, Yu20, ZCJ20].
products [ACZ21]. profiles [EMH22]. program [HSD21].
Programming [BM21, SRAMH20]. programs [JZJ20]. progress
[ZZWF21]. Project [XZZ22]. Projected [ZFT20]. Projecting
[SLLW21, YPS21, APF21]. projection [CP20, KK20, PFK22, TK20a].
Projections [KNP21, TTPA21]. projects [DYW22]. prolifera [SRB20].
promote [LGG22]. promotes [AM21]. promoting [Yao21, BCMV20].
propagules [LBB20]. prospect [DLZ20]. prospective [BH21]. protected
Province [LZSQ20, MB20, ZSS21, ZLML20]. provincial [SLY21].
provincial-scale [SLY21]. provision [MEGA21]. pseudoharengus
[NGA20]. pteropods [EV22]. public [CVTS20a, CVTS20b]. Publishing

[ADR21, EVT+21, KDH+21, PBS21, WGK+21, YLS+21, AMK21, LPS+21].

Simulation [ASL+20, LZW20, AXMJ22, BSR21, CM21, CLG20, DPA21, DPC20, FZS+20, KKP+21, LLZ21, LCW+21, LSS+21, LLW+21, MSG+21b, MTT22, PSM+21, RGD20, TLC+22, TDI+20, YG21, ZRMW+20].

size [BGCJ21, DMPLHGL20, HES+20, LP22, MBS22, PSZ20, RGD+22, WZHP21, XYZR21, ZZS+22]. size-spectrum [HES+20].

size-structured [MBS22, XYZR21]. sketches [LLZM20]. Skudai [BH21].

slope [ETAAH21, SZL+21]. slow [LM21]. small

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