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Title word cross-reference

[AHJ⁺23, Gae17, PLJ⁺23, TBPJ23, ZSZ⁺23].
100-Year [APS⁺21]. **113** [Kim23a]. **17**
[VMS⁺23, WSZ⁺23].

-80° [LJK⁺22]. ¹ [WGRM⁺19]. ²
[Kim23a, Kim23b]. α
[AASQPU⁺23, PLJ⁺23]. β
[EAE⁺23, JSJ⁺24, NRÁGPM⁺18, TU18,
VMS⁺23, WLC⁺23]. δ^{13} [BFM23]. δ^{15}
[BFM23]. γ [HGSE23]. \times
[FHHC23, HAC⁺23, Kim23a, Kim23b,
MMVVCJ⁺23, PYJ⁺23, SZZ⁺23, YGD⁺23].

-1 [EAE⁺23]. **-Estradiol**
[JSJ⁺24, VMS⁺23]. **-Glucans**
[NRÁGPM⁺18]. **-Irradiated** [HGSE23].
-Limonene [dSJC⁺21]. **-Omics** [EBCM24].
-Sitosterol [TU18]. **-Stimulated**
[SOW⁺23]. **-Tocopherol** [AASQPU⁺23].

1 [LL18a]. **2-methylisoborneol** [LLKKV20]. **200**
[ZLZ⁺22]. **222** [BEMC23, CWMX21].

3 [LL18a]. **3-Aminobenzoic** [CWMX21].
36 [LL18a].

41 [PKSN23a]. **411** [APD⁺23a]. **4n**
[ASM⁺22]. **4n-6** [ASM⁺22].

51 [Gae17]. **54** [XYC⁺23]. **552** [MWPS24].

7 [XYC⁺23]. **7-NAChR** [ZAM⁺23]. **77**
[CPJK23a].

8 [APD⁺23a, CPJK23a, Kim23a, MWPS24,
PKSN23a].

90-Day [GLW+22].

abdominalis [STZ+23, ZQLW23]. **Ability** [JHNF24]. **Abiotic** [CH23]. **Abnormal** [DAF+22]. **Aboriginal** [KSAB+23]. **Absorption** [JCR+22, RMSPMC+22]. **Abudefdud** [LDBL19]. **Abundance** [AGE+18, DMA22, HWZ21, LCZ+23, NIN+19, RCR+23, SMM+18, Tri23, TMPP23, WZG+23]. **Acanthocybium** [GPD+23]. **Acanthopagrus** [ZJM+23]. **Acceptability** [RLAE23]. **Acceptance** [CWP+21]. **Accompanied** [DAHM19]. **According** [Fra23, YCR+23]. **Accumulation** [LLKKV20]. **Accuracy** [CLZ+24]. **Accurate** [CMP+23, KLD+23]. **Acetylcholine** [ZAM+23]. **Achievements** [HGC+23]. **Achieving** [YAS21]. **Achilles** [BAA+23]. **Acid** [ASM+22, BBCJ23, CWMX21, CHZ+24, HZL+22, HS18, LZM+23, MLZ+21, PSW+23, TPC+23, TMD+19, VKP+24]. **Acid-Based** [HS18]. **Acidification** [DLL+23, PFM+20, ZSZSS+22]. **Acidifiers** [ZWZ22]. **Acids** [BKBR+23, MNP+16, ZSZ+23]. **Acipenser** [AVT18, LDW+21, AVT18, HCZ+23, JCR+22, Kim23a, Kim23b, ZLX+23]. **AcIV** [AVT18]. **AcIV-E** [AVT18]. **Acknowledgement** [Off18, Off19, Off20]. **Acknowledgment** [Off21, Off23]. **Acoustic** [BFLC19, HBL+22, VPPF+19]. **across** [CMP+20, MWPS23, MWPS24, NHC+23, RRG22, ZZY+23]. **Actinopterygii** [KRAFO23]. **Actions** [LKU21]. **Activates** [PLJ+23]. **Activation** [LWS+23a]. **Activators** [SSK+22]. **Activities** [CFCE20, DCL+23a, DDN19, DZC+22, ERE21, YBL+22, ZZL+23]. **Activity** [BB23, BSH+23, DRFCL23, EEEdCSOPJ+23, GMBR+21, GMDMT+23, MMVVCJ+23, NRÁGPM+18, OGMG+17, PJPMMV+22, dCPRG+21, SSK+22, TCV+19, WLW+23, XYL+23, YHZ+23, dSJC+21, dAdSCC+23].

aculeatus [BEMC23, DLL+23, GMMNRS18, JBK+23, SAL18]. **Acute** [LJK+22, LWS+23b, WLN+23]. **Adaptation** [MSK+22, MML22, WMZ+22]. **Adaptive** [DMB+20, FCT19]. **Addendum** [LL18a]. **Addiction** [LMLH22]. **Addition** [CCFP19, GZX+22, GSH+24]. **Additional** [KRAFO23, Näs18]. **Additive** [HMP+24]. **Additives** [CHZ+24, MBAM19, ZWD+23]. **Adjusting** [MOW+18]. **Adjustments** [dAPAA+24, ZSZSS+22]. **Administration** [GCFA+22, JE18, LCWH22, LDD+22, SSSP21, TU18, YZH+24]. **Adriatic** [LOBTL22, LKD22]. **Adult** [DOB+17, DZC+22]. **Advanced** [DOB+17, NLTL23]. **Advances** [EBCM24]. **Adverse** [DK22, KJ22]. **Aegean** [KMB18, KKB20, BEG+23]. **Aequipecten** [KŽM+23]. **aerea** [GBT+24]. **Aerial** [RGABD20]. **Aerobic** [LWS+21]. **Aeromonas** [AEME+23, JLW+24, LCWH22, PYJ+23, PSN18, dCPRG+21, QXAY22, SSSP21, SMO+22, SNK+23, XXL+22, ZLSB22]. **aestivum** [WLL+22]. **Affect** [CCFP19, FÁG+23]. **Affected** [LUM18]. **Affecting** [WM22]. **Affects** [GRKC19, PLJ+23, RSA17, RJTVC+19, ZLZ+22, ZHQ+23]. **Africa** [MML22, OOGAS23]. **African** [AZY+24, AAAF+21, BC23, BHR+23, Eny17, EPKV17, MSK+22, SSSP21, SBB+19, WSE+21]. **After** [ŠT19, CHJ+23, EPKV17, GLY+23, GSHGE18, HIO+19, Mil23, MBZ+21, RJR+22, RJFCJC+21, SEA+23, VKP+24, WBK+23, YLX+22]. **against** [DCL+23b, LTZ+22, LCWH22, PSN18, dCPRG+21, SML+23b, dSJC+21]. **agalactiae** [GGL+23, GCFA+22, GYH+23, HLZ+22, LDD+22, PSN18, RIF+23]. **Age** [BFB+23, BPOS19, BPO19, CLL+22, FB22, KZC+24, LLWW23, LOT+22, MCSB+19, MPK+23, NZVB20, PSP+22, SNSVFL23, XSZ+23, YCR+23]. **Ageing** [TMM+18].

Agent [FCT19, QXAY22]. **Agent-Based** [FCT19]. **Agents** [SML+23b]. **Ages** [MOW+18]. **Aggression** [WWW19]. **Aging** [MTM+19]. **Agonist** [WSI+19]. **Agreement** [QL22]. **Agro** [KYB+23]. **Agro-Ecological** [KYB+23]. **AI** [PSP+22]. **Air** [BMSGs+18]. **AIS** [FYH+23, LSJ24]. **akashiwo** [JXW+23]. **al** [APD+23a, CPJK23a, MWPS24, PKSN23a, XYC+23]. **Alarm** [LYL+23]. **Alaska** [DMB+20]. **Albendazole** [NDC+23]. **albicaudus** [ARH+23]. **albomaculosus** [KMS+17]. **Albula** [KBK+23]. **Albulidae** [KBK+23]. **album** [BPO19]. **Alburnus** [HV24]. **ALC** [ZJC+22b]. **Alcichthys** [PKY+23]. **alexandri** [SdSdOSSL23]. **Alfalfa** [CWP+21]. **alfredi** [LCW23a]. **Alga** [JXW+23]. **Algae** [GBT+24, RDG+20, VRG+24]. **Algal** [SAHS18]. **Algorithm** [NLTL23, WYL23]. **Alien** [SKD+23]. **Alimentary** [BMMD22]. **Alizarin** [ZJC+22b]. **Alkalinity** [LWZ+22]. **Alleviate** [WHX+23]. **Allocated** [NNL+23]. **Allometric** [STZ+23]. **Almost** [YLW+23a]. **along** [ARH+23, EKL+23, SML+23a]. **Alpha** [ZAM+23]. **Alpine** [APD+23a, APD+23b]. **alpinus** [WGRM+19]. **Alter** [LLY+24]. **Altered** [ZZW+22]. **Alternation** [EAJ+23]. **Alternative** [DBP+20, LWT+24]. **Alternatives** [HIO+19]. **Alters** [BEMC23]. **Amaranth** [MBL20]. **Amaranthus** [MBL20]. **Amarilladesma** [GGP+23]. **Amaro** [KRAFO23]. **Amazon** [dSCFQB+23, HVRCG18, VRKV24]. **Amberjack** [IKT19, JFP+18, NRKT19]. **Ambient** [MAR+18]. **Amblygobius** [CHH+23]. **amboinensis** [KSAB+23]. **Ameiurus** [SMH+22a]. **America** [WWD+23]. **American** [dAMPS+23, WHX+23, ZWZ22]. **americanus** [BFM23, PPAB+18, PLV+19]. **amh** [ZLZ+22, CMP+23]. **Amino** [BBCJ23, MLZ+21, TPC+23]. **Aminobenzoic** [CWMX21]. **Aminotransferase** [GLY+23]. **Ammocetes** [KSO+23]. **among** [AWCS23, BBCJ23, VMBT24, ZLL+23]. **Amphibians** [OMC+19]. **Amphipoda** [BSH+23]. **Amur** [WLL+23]. **Amyloodiniosis** [MCSB+19]. **Anadromous** [APS+21, HCWH20]. **Anaesthetic** [BEMC23]. **Analyses** [CZL23, EM23, HWX+23, LOT+22, SUL+23, VV23, WGRM+19, XYT23, ZZZ+23]. **Analysis** [APAHBMAG23, APS+21, BBF22, CYL+23, CCCFE18, CVANRD+21, DLL+22, DL23, DSC+19, DDG+22, FLX+22, FHHC23, FM21a, GGL+23, GLY+23, GWH21, HHL+20, HWW+24b, HAC+23, HYXY23, IFA+23, JJK21, JLW+24, KAB+23, LPK+23b, LSJ+23, LFH+23, LLY+22, LKD22, MYY+23, MPM+18, MTM+19, MLSC+23, NTP+21, PKY+23, RWF+23, SGANM+24, SLY+21, SJY+22, TJW+22, TMM+18, USRDFO+22, VMBT24, VKP+24, WYG+23, WWW+24, WLN+23, XWW+24, XXL+24, YMD+21, YLL22, YZL+23, YSG+23, ZLW+23, ZJJ+22, ZLF23, ZQL+23, ZZT+23, ZCT+23, ZGY+23, ZSL+23, ZJM+23, dSSBdS23]. **Analyze** [GFDPSR22]. **Anchovies** [DQC+23]. **Anchovy** [AAN22, LZZ+22, ŠT19]. **Andrias** [CWW+23, ZHF+22b]. **Anemone** [HZZ+21]. **Anemonefish** [HZZ+21]. **Anesthesia** [BSH+23]. **Anesthetic** [JBdFS+22]. **Anesthetics** [SCCM23]. **Angler** [LLTM17]. **Angola** [BC23]. **Anguilla** [DMA22, DCL+23b, EFG+23, HMVRFD19, JKP+23, MLK+19, SLYY23, WHX+23, ZWZ22]. **anguillicaudatus** [ZSL+23]. **Animal** [BCG+23, SdSdOSSL23]. **Animal-Based** [BCG+23]. **Animals** [KKPL23]. **Anisakid** [DMT+19]. **Anisakis** [ŠT19]. **Anisotremus** [BPO19]. **Annual** [MKC+22, PPAB+18]. **Anodonta** [CLL+23b]. **Antarctic** [MPM+18]. **Anthropogenic** [MH23]. **Anti**

[CMP+23, TCV+19]. **Anti-Mullerian** [CMP+23]. **Anti-Osteogenic** [TCV+19]. **Antibacterial** [EES+23, JBdFS+22, dCPRG+21, WML+21]. **Antibiofilm** [dSJC+21]. **Antibiotics** [JSLE23, LXW+24]. **Antigens** [ZLSB22]. **Antimicrobial** [CAC+17, DO24, GMBR+21, ZAM+23, dSJC+21]. **Antimycin** [BBCJ23]. **Antinematode** [NWN+22]. **Antioxidant** [AZY+24, AEME+23, CXW+23, ERE21, HGSE23, HFEH+23, JKK24, JBdFS+22, LPF+23, LWZ+22, LHX+23, LCX+23, MWZ+23, RIF+23, RHU+23, SGG+21, TDN+22, WSD+23, WLZ+22b, XYC+22, XYC+23, XCW+23, XYL+23, YLW+23b]. **Antioxidation** [ZYG+23]. **Antipredator** [AWCS23, LYL+23]. **Antithrombotic** [MKN+16]. **Antiviral** [SML+23b]. **Antognazza** [APD+23a]. **Ao** [TTT23]. **Apex** [DMB+20]. **Aphanomyces** [PSS+18]. **Apostichopus** [YBL+22]. **Appalachian** [UH19]. **Applicability** [AGC23]. **Application** [BLA+22, CHZ+24, CZCW23, GHS20, JTS+24, QPDGF+23, SOW+23, SMH+22b, TDN+22, YCL+23]. **Applications** [DO24, Fer23, LJR+24, LW18, SDA23]. **Applying** [GL23]. **Approach** [CKMT23, CVANRD+21, CBCL23, FM21a, QL22, RDANPA+24, SCSR22, ST17, Sha19, SS23, VPPF+19]. **Approaches** [Dul23]. **Approaching** [CFM+23]. **Aqua** [DCL+23a, SAB+22]. **Aqua-Ento-Ponics** [SAB+22]. **Aquaculture** [AJF23, BAD+22, CG20, CLZ+24, DCL+23a, DA23, DO24, GHS20, GLH+23, HMN+22, HARB23a, HGC+23, HIO+19, IKT19, IFA+23, Ims23, IBN+23, JE18, JBdFS+22, KYB+23, LCW+23b, LZC+23a, LWZ+23, MIHH23, NNL+23, PLV+19, QPDGF+23, RE21, SGANM+24, SIZ+22, VMDV+22, VRG+24, WM22, WLZ+23, WXL+23, XLP23, YCL+23, ZSH+23, ZLF23]. **Aquaculture-Triggered** [RE21]. **Aquafeed** [BF16]. **Aquafeeds** [FLB+21]. **Aquaponic** [NSK+23, PLC+24]. **Aquaponics** [MWZ+23, YCL+23, ZWP+23]. **Aquaporin** [ZLW+23]. **Aquarana** [XWW+24]. **Aquarium** [VM19]. **Aquatic** [CHZ+24, Dul23, DD23, EM23, EBCM24, GMRJ22, HVRCG18, KKPL23, PSS+18, SCHT23, dSSBdS23]. **aquimarina** [YBL+22]. **Arachidonic** [ASM+22]. **ArcFace** [LWZ+23]. **Archived** [LJK+22]. **Arctic** [HJE+23, SBG+24, WGRM+19]. **Area** [CFM+23]. **Areas** [CXL23, FYH+23, FCF19, FJL+23, JLT22, VKP+24]. **areolata** [DLL+22]. **argenteus** [GP17, ZSZ+23]. **Argopecten** [BAD+22, CPVMA+24]. **argus** [JSJ+24, LWL+23]. **Argyrosomus** [DDN19, GSHGE18, RJMVC+18, RJTVC+19, TPC+23, VMDV+22]. **ariakensis** [GLY+23, WLC+23]. **Ariopsis** [OJC+23]. **Arrhenius** [CTY+21]. **Arsenic** [RKHAMM22]. **Artemia** [SdSdOSSL23]. **Arthromitus** [RCR+23]. **Artificial** [BEF+23, CZCW23, GSH+24, HLK+23, JKP+23, LDX+23, ZLX+23]. **Artificially** [MLK+19]. **ASC** [YSG+23]. **Ascending** [PRPW23]. **Ascorbate** [OMC+19]. **ASCT2** [MLZ+21]. **Asia** [KZC+24]. **asiaeorientalis** [CYL+23, CYL+23, FLX+22]. **Asian** [LCZ+23]. **Asiatic** [JXW+23]. **Aspartate** [GSHGE18]. **Aspects** [Mil23]. **Aspergillus** [EAJ+23]. **Assay** [CMP+23, DDN19, SdSdOSSL23, SOW+23]. **Assemblage** [RJR+22]. **Assemblages** [GTC+17, MWPS23, MWPS24, PYP17]. **Assess** [WMZ+22]. **Assessing** [BASBW24, CBP+24, EMFZ+18, FGG+22, HLK+23, ISA+22, LSL+24, VM19, ZSH+23, ZJC+22b]. **Assessment** [AIŠRB22, BSR+20, BLA+22, BFB+23, CKMT23, CCCFE18, HCWH20, HKS+18, KJ22, KSWT22, LDBL19, MSK+22, MKN+16, MBL20, NHC+23, SALC+19,

SLS⁺²², WM22, WFZ⁺²³, WFZ⁺²⁴.
Assessments [SWS22]. **Assisted** [LDX⁺²³]. **Asso** [DDN19]. **Associated** [AVT18, FCB⁺²¹, GMC⁺²², JKP⁺²³, KJ22, LJK⁺²², LCWH22, NHC⁺²³, RWF⁺²³, SLY⁺²¹, SNZ⁺²³, UDG⁺¹⁹, WGW⁺²³, WHY⁺²⁴, ZVRH23].
Association [HMP⁺²⁴, LZL⁺²³]. **astaci** [PSS⁺¹⁸]. **Asterias** [WKB⁺²³]. **Astragalus** [PYJ⁺²³, XCW⁺²³]. **Asymmetric** [XLC⁺²⁴]. **Asymmetry** [MH23].
Asynchronous [GFDPSR22]. **Atlantic** [EKL⁺²³, GPD⁺²³, MSRGC⁺²³, ANA⁺²³, AGC23, AHL19, AKM23, BCG⁺²³, BMTR23, CG20, EKL⁺²³, FHF23, GP17, GLH⁺²³, IFA⁺²³, IR22, IM24, LOB⁺²³, MIHH23, MLSC⁺²³, MPK⁺²³, PSO⁺¹⁹, PH23, SML^{+23a}, SCSS23, SGG⁺²¹, Tri23, YHH⁺²⁰, vKRNL⁺¹⁹].
Atoll [LL22]. **Atomic** [CCC18].
ATPases [LGZ⁺²³]. **Atractosteus** [FQÁGTR⁺¹⁷, MPM⁺²¹, MVPMAV⁺²², NRÁGPM⁺¹⁸, PJPMMV⁺²², dICRMB⁺²²].
Atrazine [MTHPJS⁺²³]. **Attention** [EFG⁺²³]. **Attenuation** [KCK23].
Attractive [HLK⁺²³, SRL⁺¹⁹]. **Attributes** [LXT⁺²², PYP17]. **Augment** [SOW⁺²³].
Aurantiochytrium [HMP⁺²⁴]. **aurata** [BSGMC⁺²², CSB⁺²⁰, CCC18, CFCE20, ERE21, GMBR⁺²¹, GMDMT⁺²³, TJTV⁺²³, TMD⁺¹⁹]. **auratus** [ULR⁺²³, BF16, HGSE23, LHZ⁺²³, MWZ⁺²³, XHC⁺²², XLX⁺²², XYC⁺²², XYC⁺²³].
australasicus [KMSO18]. **Australia** [MS20]. **Australian** [BF16]. **australis** [WLL⁺²²]. **Australoheros** [BSR⁺²⁰].
Autism [VLCCA⁺²³]. **Automatic** [KMSO18, EEE21, VPPF⁺¹⁹]. **Automating** [PSP⁺²²]. **Autophagy** [MDVM⁺²³]. **Auxis** [ZCX⁺²²]. **Availability** [MPM⁺²¹, SMO⁺²³]. **Aveiro** [XQLA18].
avenaceum [PSS⁺¹⁸]. **Avian** [VF23]. **Axis** [CZW⁺²³]. **Azolla** [DRH18].

B [RSA17]. **Babitonga** [CFM⁺²³].
Babylonia [DLL⁺²²]. **Bacillus** [HXS⁺²³, JKP⁺²³, SAC23, CBCL23, GCFA⁺²², JCY⁺²³, LJR⁺²⁴, XYC⁺²², XYC⁺²³].
Bacillus-Supplemented [JKP⁺²³]. **Back** [QWR⁺²³]. **Back-Reef** [QWR⁺²³].
Bacteria [CSGE23, DO24, KSO⁺²³, dSJC⁺²¹].
Bacterial [EES⁺²³, GLX⁺²³, GSH⁺²⁴, HPJ⁺²³, LS19, LJR⁺²⁴, SNZ⁺²³, TPN⁺²³].
Bad [SBG⁺²⁴]. **baerii** [AVT18]. **Baghdad** [MS18]. **Bagre** [OJC⁺²³]. **Bagrid** [HZZ⁺²³]. **Bait** [XQLA18]. **Baits** [DZC⁺²²]. **Bala** [PKV⁺²²]. **Balance** [LCX⁺²³]. **Balancing** [CL21].
Balantiocheilos [PKV⁺²²]. **Balearic** [CSSMV⁺²³, FPRAT⁺²³, TCB⁺²⁴]. **Bali** [ST17, SZSW21]. **Balitoridae** [GWH⁺²², LZC^{+23b}]. **Balkan** [APS⁺²³].
Baltic [AIŠRB22, KAR⁺²³, Ols19, VKP⁺²⁴].
Bambaranut [EPKV17]. **Bangladesh** [BLA⁺²², FM21a, HHM⁺¹⁸, HVR18, HKS⁺¹⁸, RKHAMM22, SLS⁺²²]. **Barb** [DRH18, HKS⁺¹⁸]. **Barbel** [SRBCGV⁺²¹].
Barbonymus [DRH18]. **Barcoding** [BAA⁺¹⁹, OJC⁺²³]. **Bark** [PSS⁺¹⁸].
Barracuda [FB22]. **Barred** [CHH⁺²³, NNN23]. **Barrier** [CL19, MVPMAV⁺²², NRÁGPM⁺¹⁸, PJPMMV⁺²², WLW⁺²³]. **Barriers** [Sus20, Zac22]. **bartramii** [XLC⁺²⁴]. **Based** [BCG⁺²³, BLA⁺²², CHW21, CMP⁺²³, CTY⁺²¹, CSJ⁺²³, FYL⁺²³, FCT19, GP17, HS18, KBK⁺²³, KBB⁺²¹, KSWT22, LSJ⁺²², LJX⁺²¹, LV23, LSJ24, MSK⁺²², MSA24, RJMVC⁺¹⁸, SFK⁺²³, SZT⁺²³, SXQ⁺²², WGRM⁺¹⁹, WLZ^{+22a}, WYL23, WSA⁺²³, WHM21, WFL⁺²³, XLC⁺²⁴, YYW⁺²³, YWL⁺²⁴, ZLF23, ZXH⁺²³, ZJM⁺²³, ZWD⁺²³, dSSBdS23, SLS⁺²²].
Basic [DAF⁺²²]. **basilicum** [VAT⁺²³].
Basin [BAA⁺¹⁹, FWJ21, SKD⁺²³]. **Basis** [NTP⁺²¹]. **Bass** [AHL19, CFCE20,

CMC⁺²⁴, HCWH20, HBL⁺²², KKP22, LZH⁺²³, RSA17, SOW⁺²³, SAB⁺²², SJY⁺²², SHW⁺²³, WSZ⁺²³, XYL⁺²³, XXL⁺²², YSG⁺²³, ZZY⁺²³. **Batch** [DTS⁺¹⁷]. **Bathed** [XXL⁺²⁴]. **Bathing** [XJC⁺²²]. **Bay** [HWW^{+24a}, MMSK21, SXQ⁺²², BLA⁺²², KSAB⁺²³, SLS⁺²²]. **Bayesian** [SLS⁺²²]. **BBNJ** [QL22]. **Be** [NdNFK^{+24b}, RJMVC⁺¹⁸, SB20, ZS21, SMM⁺¹⁸]. **Beaches** [JSSD23]. **Beak** [CLL⁺²²]. **beani** [MCÁGHA⁺¹⁷]. **Bearded** [CSJ⁺²³]. **before** [ANA⁺²³]. **Behavior** [CZCW23, CHH⁺²³, FÁG⁺²³, dFBdSG⁺¹⁹, HV24, ILA22, LMC21, LYL⁺²³, LLS⁺²³, SZF⁺²¹, SZT⁺²³, VK23, VLCCA⁺²³, WTC⁺²², WWD⁺²³, ZSH⁺²³]. **Behavioral** [AWCS23, CFLK21, CMP⁺²⁰, MU21, SCSS23]. **Behaviors** [KKPY22]. **Behaviour** [DSC⁺¹⁹, JBK⁺²³, LCW23a, LMB⁺²³]. **Behavioural** [AAB⁺¹⁸, KBCM19, ZSZSS⁺²²]. **Behaviours** [EM23]. **Beibu** [LWD⁺²³, SXQ⁺²²]. **Being** [SEA⁺²³]. **Bellied** [STZ⁺²³, ZQLW23]. **Benchmark** [ANA⁺²³]. **Beneficial** [SNK⁺²³]. **Benefits** [SFK⁺²³]. **Bengal** [BLA⁺²², KSAB⁺²³, SLS⁺²²]. **Benin** [AHK⁺²³]. **Benthic** [KRAFO23]. **Berg** [MNP⁺¹⁶]. **bernacchii** [GGF⁺²²]. **Berryteuthis** [LOT⁺²²]. **Bertalanffy** [BMTR23]. **Berwickshire** [EBRS23]. **Best** [CBANCM⁺²¹]. **Bester** [Kim23a, Kim23b]. **Betanodavirus** [VPP⁺²²]. **Better** [AGC23]. **between** [AGE⁺¹⁸, AJF⁺²², BC23, CYL⁺²³, CFLK21, HZS⁺²¹, HWZ21, KAB⁺²³, KKP22, KMSO18, LCW^{+23b}, LYL⁺²³, NHR20, PKC⁺¹⁹, SML^{+23a}, TRM⁺²³, WM22, WWY⁺²³, XWW⁺²⁴, YJK23]. **Bias** [RH19, RRG22]. **Biferno** [RDE⁺²³]. **Big** [Tay19]. **Bigeye** [PBS⁺²², ST17, USRDFO⁺²²]. **Bigheaded** [BGT⁺²⁰, Sus20, ZS21]. **biloba** [CXW⁺²³]. **bimaculatus** [MSB⁺²³]. **Binding** [BBCJ23]. **Bio** [ZWD⁺²³]. **Bio-Products** [ZWD⁺²³]. **Bioaccumulation** [JKK24, WFZ⁺²³]. **Bioacoustics** [LL18a, LL18b]. **Bioactive** [DDG⁺²²]. **Bioactivities** [NWN⁺²¹]. **Biochemical** [DCR⁺²³, FMXQ23, KZM⁺²³, OSM23, RMA⁺¹⁸, SAGG⁺²³, THS⁺²², XLX⁺²², YLH⁺²⁴, ZWZ22]. **Biochemistry** [LHX⁺²³, SNK⁺²³, ZLX⁺²³, dAdSCC⁺²³]. **Biocontrol** [MS20]. **Biodistribution** [CFP⁺²³]. **Biodiversity** [GSK⁺²¹]. **Bioeconomic** [FHHC23, HAC⁺²³]. **Biofloc** [CdOCH⁺²³, dOCCH⁺²³, GL23, LZC^{+23a}, MSB⁺²³, RHU⁺²³, YCL⁺²³]. **Bioimpedance** [KAB⁺²³]. **Bioindicator** [LL22]. **Biological** [BLA⁺²², dOCCH⁺²³, EEEdCSOPJ⁺²³, KZM⁺²³, RTBL⁺¹⁸, TJW⁺²², TMPP23]. **Biology** [HHM⁺¹⁸, Sor21, WLL⁺²³]. **Biomarker** [LMLH22]. **Biomarkers** [CMC⁺²⁴, GRKC19]. **Biomass** [ATEfA⁺²¹, JSSD23, SLS⁺²², TMPP23]. **Biomedical** [LW18, SDA23]. **Bionic** [WMZ⁺²²]. **Bioproduction** [NWN⁺²¹]. **Bioremediation** [AZY⁺²⁴, GLH⁺²³]. **Biosecurity** [MDF⁺²³]. **Biosensors** [DD23]. **Biotechnology** [Hal23]. **Biotic** [CH23, SXQ⁺²²]. **Biozonation** [APS⁺²³]. **birdiae** [HSAF⁺²³]. **Bisphenol** [vKRNL⁺¹⁹]. **Bites** [CBP⁺²⁴]. **Bivalvia** [ZQL⁺²³]. **Black** [BAA⁺²³, BLA⁺²², BPO19, CSR22, LWT⁺²⁴, MMY⁺¹⁷, NNL⁺²³, NYS⁺²³, RE21, SZF⁺²¹, SMH^{+22a}, SSK⁺²², SSSS23, TPN⁺²³, TMPP23, WWW⁺²⁴, YAEAB23, ZJM⁺²³, BAA⁺²³, DDD⁺²³, SSSS23]. **Blackmouth** [BMMD22, DAF⁺²²]. **Blackspot** [LDBL19, RJFCJC⁺²¹]. **Blastema** [VCL20]. **Bleaching** [HZS⁺²¹]. **Bleak** [HV24]. **bleekeri** [LDX⁺²³, WWY⁺²³]. **Blend** [SRL⁺¹⁹]. **Blimp** [RGABD20]. **Blocked** [ZS21]. **Blood** [CYL⁺²³, EAJ⁺²³, FLX⁺²², FMXQ23, GMDMT⁺²³, INCD23, SNK⁺²³,

TMM⁺¹⁸, ZLX⁺²³]. **Blooms** [DÁ23, SAHS18]. **Blue** [And23, DAHM19, FHHC23]. **Bluegill** [CH23]. **Bocachico** [MMMAG23]. **Body** [EAJ⁺²³, dSGBdF23, LFH⁺²³, SCSS23, ULR⁺²³, WSE⁺²¹, YBL⁺²², ZWZ22]. **bogaraveo** [RJFCJC⁺²¹]. **Bolbometopon** [TCD⁺²¹]. **Boldness** [AJF⁺²²]. **bonariensis** [BSH⁺²³, GRKC19]. **Bonefish** [KBK⁺²³]. **Boone** [HSAF⁺²³, NdNFK^{+24b}, NdNFK^{+24a}]. **Boreogadus** [YHH⁺²⁰]. **Borne** [Sha19]. **Both** [Poi24]. **Bottom** [CLL23a]. **Bowdich** [DTS⁺¹⁷]. **Box** [LJX⁺²¹, TOB⁺²³]. **Bracciano** [SAL18]. **brachysoma** [JTS⁺²⁴]. **Brachyura** [KMB18, KKB20]. **Brackish** [EFG⁺²³, YJK23]. **Brain** [CBK⁺²¹, DAHM19, Näs18, PHB⁺²³]. **Brain-** [Näs18]. **Brazil** [CFM⁺²³, CASMK23, dSCFQB⁺²³, JSRE⁺²⁴, dAMPS⁺²³, SNSVFL23]. **Brazilian** [ARH⁺²³]. **Bream** [AA23, CSB⁺²⁰, HHL⁺²⁰, JJK21, KJK⁺²³, LSY⁺¹⁷, SNSG⁺¹⁹, TMD⁺¹⁹, ZMLFS⁺²⁰]. **Breeders** [GGP⁺²³]. **Breeding** [HZZ⁺²³, NTP⁺²¹, SMH⁺²⁴, STZ⁺²³, WHY⁺²⁴, ZQLW23, ZHF^{+22b}]. **Brine** [WDL⁺²³]. **Brine-Preserved** [WDL⁺²³]. **British** [TBPJ23]. **Broodstock** [PSN18]. **Brook** [MH23]. **Brotula** [CSJ⁺²³, CSJ⁺²³]. **Brotulella** [CSJ⁺²³]. **Brown** [APD^{+23a}, APD^{+23b}, FÅG⁺²³, MSRGCG⁺²³, Näs18, PMFBI22, RDI⁺²¹, RDE⁺²³, VMS⁺²³, WYG⁺²³]. **Brown-Marbled** [WYG⁺²³]. **Brycon** [DRFCL23, EMFZ⁺¹⁸]. **Bubbles** [SIZ⁺²²]. **Budgets** [GZX⁺²²]. **Building** [HWW^{+24a}]. **Bulgaria** [APS⁺²³]. **Bullfrog** [XWW⁺²⁴]. **Bullheads** [SMH^{+22a}]. **Burchell** [BHR⁺²³]. **Burden** [EvSCB23]. **Butter** [MSB⁺²³]. **By-Product** [NWN⁺²²]. **By-Products** [AAAF⁺²¹]. **Bycatch** [FM21a]. **bZIP** [SHW⁺²³].

C [BFM23, CSF⁺²³, LJK⁺²², WSZ⁺²³]. **C-Type** [CSF⁺²³]. **Ca** [JCR⁺²², NZVB20]. **Ca/P** [JCR⁺²², NZVB20]. **Cádiz** [MSRGCG⁺²³]. **Cadmium** [JKK24, RLB⁺²³, TCV⁺¹⁹, WCY⁺²⁴]. **Cage** [NNL⁺²³, SNZ⁺²³, ZLF23]. **Cages** [AHK⁺²³, IBN⁺²³]. **Calcified** [ZJC^{+22b}]. **Caledonia** [LCW23a]. **California** [USRDFO⁺²², AFTÁPA⁺²³, ASM⁺²²]. **Caligus** [PSO⁺¹⁹]. **Callinectes** [KKB20]. **Cambeva** [CFM⁺²³]. **Caml** [XSZ⁺²³, XSZ⁺²³]. **Campeche** [dRCCLRNRWK21]. **Can** [KSO⁺²³, NdNFK^{+24b}, NYS⁺²³, RJMVC⁺¹⁸, SB20, VMS⁺²³, ZS21]. **Canada** [LOB⁺²³, TBPJ23]. **canadum** [MKC⁺²²]. **Canal** [BMMD22]. **canaliculata** [GMRJ22]. **Canary** [JFP⁺¹⁸]. **Cancer** [EBRS23]. **Cancridae** [EBRS23]. **Candidate** [SLY⁺²¹]. **Candidates** [WBK⁺²³]. **Candidatus** [RCR⁺²³]. **canicula** [BMSGs⁺¹⁸]. **Cannibalism** [CZC23, CCFP19]. **Cantharidin** [CSGE23]. **Capacities** [LLS⁺²³, PKC⁺¹⁹]. **Capacity** [CXW⁺²³, DK22, FCT19, GLH⁺²³, LWZ⁺²², WLZ^{+22b}, XCW⁺²³, XYL⁺²³, YLW^{+23b}, YGD⁺²³]. **Captive** [BFM23, CYL⁺²³, CHH⁺²³, STZ⁺²³, VPPF⁺¹⁹, ZQLW23]. **Captivity** [GGP⁺²³, OGMG⁺¹⁷, PPAB⁺¹⁸]. **Capture** [RJFCJC⁺²¹]. **Captured** [JTS⁺²⁴]. **Car** [KSAB⁺²³]. **Carangidae** [FGHYCA23, MBD⁺²³]. **Carapace** [XXL⁺²⁴]. **Carassius** [HGSE23, LHZ⁺²³, MWZ⁺²³, ULR⁺²³, XHC⁺²², XLX⁺²², XYC⁺²², XYC⁺²³, ZJC^{+22a}]. **Carbohydrate** [BSGMC⁺²², YGD⁺²³]. **Carbohydrate/Lipid** [YGD⁺²³]. **Carbon** [DL23, GZX⁺²², GSH⁺²⁴, INCD23, LZC^{+23a}, LCX⁺²³, RHU⁺²³, Sus20]. **Carcharhinid** [BSB⁺²³]. **Carcharhinus** [KSWT22]. **Carcinus** [YE20]. **Cardiac** [PLY⁺²⁴]. **CARES** [VM19]. **Caribbean** [ZVRH23]. **carinicauda** [HWX⁺²³].

Carotenoid [GBT+24]. **Carp** [BAP22, CXW+23, CHJ+23, GLW+22, HBG+20, KBCM19, LHZ+23, LWS+21, LWT+24, LJR+24, MLZ+21, MS20, MGS+23, NDC+23, RKHAMM22, RMA+18, SRL+19, SB20, Sus20, ULR+23, WML+21, WMZ+22, WSD+23, WWD+23, XHC+22, XLX+22, XYC+22, XYC+23, XCW+23, YWDP21, YLX+22, ZSQ+21, ZLZL23, ZZC+22, ZJC+22a, ZS21]. **carpio** [CHJ+23, LWT+24, WSD+23, BAP22, CXW+23, KBCM19, MS20, XCW+23, YWDP21]. **Carps** [BGT+20, PVY+21]. **Cas9** [KEA+23]. **Cas9-Mediated** [XWR+23]. **Case** [CMC+24, DNP+23, GFDPSR22, Ho22, HAC+23, HXY+23, KAB+20, LV23, MDF+23, MFKS23, NNL+23, NRKT19, PAMG19, RLAE23, RJFCJC+21, SHT+23, SB20, TVL21, TTT23, XQLA18, XLC+24, XYT23, ZJC+22a]. **Caspase1** [YSG+23]. **Catabolism** [TPC+23]. **Catch** [CGY+23, FGBA+23, HWZ21, RH19, SHT+23, WLM+20]. **Catch-per-Unit-Effort** [SHT+23]. **Catches** [LWD+23, NGMR23, NNN23, PKSN23a, PKSN23b]. **catesbeiana** [XWW+24]. **Catfish** [AZY+24, AAAF+21, BHR+23, Eny17, EPKV17, FHHC23, FGR19, HVRCG18, HWW+24b, JLW+24, KEA+23, KBCM19, MSB+23, OJC+23, PYJ+23, QXAY22, SBB+19, SIZ+22, VH20, WSE+21, YLW+23a, YAEAB23, ZLSB22]. **Catfishes** [CASMK23, HZZ+23, PCO+23]. **Catla** [PVY+21]. **Catshark** [BMSGs+18, BMMD22, DAF+22]. **Caudal** [VCL20]. **Caught** [AJF+22]. **Caulerpa** [LMNN21]. **Causal** [QXAY22]. **Caused** [GLX+23]. **Causes** [XLP23]. **Cautious** [SMM+18]. **caviae** [XXL+22]. **Caviar** [LVB+20, RE21]. **Cell** [CSGE23, CLJ+23, GHS20, QWY+24, SMH+24, ZQLW23, vKRNL+19]. **Cells** [BMMD22, DCL+23b, KKP22, SMO+22, VCL20]. **Cellular** [LWS+23b]. **Central** [CTTW23, DAF+22, SS23, YYW+23, BFB+23, KBK+23, KZC+24, NHC+23, VV23]. **Cephalophilis** [BPOS19]. **cephalus** [ATEfA+21, EES+23, GL23, GMDMT+23, MABÁMSM22, MBAM19]. **ceruus** [JCY+23]. **cernua** [NHR20]. **Certain** [SSK+22]. **cettii** [RDE+23]. **cf.** [BMOH23]. **Chad** [OOGAS23]. **Chaetomorpha** [GBT+24]. **Chain** [CMP+23, EN22, KLD+23, SLC+22, TRM+23, YLL22]. **Challenge** [APS+23, CAC+17, PYJ+23, RIF+23, SNSG+19]. **Challenged** [EAJ+23, GCFA+22, HMP+24, JLW+24, JCY+23, LDD+22, NDC+23, SSSP21]. **Challenges** [And23, DSC+19, SS23]. **Chamber** [CFLK21]. **Champlain** [YAS21]. **Change** [CS23, KKPL23, Kim23a, Kim23b, MSK+22, MML22, SMO+23, SRHCO23, SXQ+22, SBG+24, VSH23, WSA+23, dICRMB+22]. **Changed** [ANA+23]. **Changes** [AGE+18, CYL+23, CBK+21, DAHM19, ERE21, Fra23, GLX+23, MJL+24, MSB+23, MAR+18, MLK+19, NGMR23, RJR+22, RGVG19, TU18, THS+22, TJW+22, WKB+23, WM22, WDL+23, WSS+19, YLH+24, ZSZSS+22, HMVRFD19]. **Changing** [CL19, FÁG+23, HMX+21, LOB+23]. **Channel** [FHHC23, KEA+23, KBCM19, QXAY22, SYL+24, YAEAB23, ZLSB22, DMA22]. **Characteristics** [DSC+23, Gae16, Gae17, HSZ+22, HPJ+23, KCKK23, LHG+23, SMH+22a, SJY+22, WGW+23, WXL+23, WDL+23, XZZ+24, XXL+22, YCR+23, YYH+24, ZQLW23]. **Characterization** [BMMD22, CWW+23, CLJ+23, FCB+21, KJK+23, LMLH22, LLY+22, LWS+21, MdM+23, MLZ+21, MCÁGHA+17, MPM+18, NWN+23, PBS+22, WLC+23, WHY+24, XHC+22, YSG+23, ZLSB22, ZSZ+23, ZLZL23, ZZC+22]. **Characterized**

[BAA⁺19]. **Charr** [SBG⁺24, WGRM⁺19]. **Checklist** [GSK⁺21, GASS⁺22]. **Chelidonichthys** [FDM⁺23a]. **Chelon** [GMCF⁺22]. **Chemical** [EEdCSOPJ⁺23, LLY⁺24, SGG⁺21]. **Chemical-Structural** [EEdCSOPJ⁺23]. **Chemokine** [YLX⁺22]. **Chestnut** [CSV⁺19]. **Chief** [Hal23]. **Chile** [AAN22, BAD⁺22]. **Chilean** [AFTAPA⁺23, BS23, FGHYCA23]. **chilensis** [AFTAPA⁺23]. **Chilled** [WDL⁺23]. **Chimaeras** [SDA23]. **Chimaeridae** [SQ23]. **China** [CLL⁺22, HWZ⁺22, HSZ⁺22, LWD⁺23, ZCX⁺22, CHW21, GWH⁺22, HXY⁺23, LKJ22, LCZ⁺23, LLWW23, LFH⁺23, LJP⁺22, LXT⁺22, LZL⁺23, QXAY22, RJR⁺22, STZ⁺23, WM22, WLL⁺23, WFL⁺23, WWY⁺23, WFZ⁺23, WFZ⁺24, XLP23, XZZ⁺24, XJC⁺22, ZLF23, ZQLW23]. **chinensis** [GYH⁺23, TJW⁺22]. **chinensis-Supplemented** [GYH⁺23]. **Chinese** [CZC⁺22, CWW⁺23, GLX⁺23, HCZ⁺23, JLT22, LWZ⁺22, LXT⁺22, LZM⁺23, LLS⁺23, PLY⁺24, PNW⁺22, XZD⁺24, XXL⁺24, XJC⁺22, YMD⁺21, ZHF⁺22b, ZLX⁺23, ZGY⁺23]. **Chionoecetes** [BASBW24]. **Chirolophis** [LPK⁺23a]. **Chitinase** [HGC⁺23]. **Chitosan** [MMVVCJ⁺23, RIF⁺23]. **Chlorella** [AZY⁺24, Eny17]. **Chloride** [BF16]. **Chlorophyll** [WLM⁺20]. **Choi** [CPJK23a]. **Cholinergic** [ZAM⁺23]. **Chondrichthyans** [GSK⁺21, GASS⁺22]. **Chondrichthyes** [ARH⁺23, BMMD22, VV23]. **Chromatography** [JSLE23]. **Chromatography-Tandem** [JSLE23]. **Chrosomus** [BMOH23]. **chuatsi** [DZC⁺22, LMLH22, XZD⁺24]. **Chub** [CKMT23, CPJK23a, CPJK23b]. **Chum** [WLL⁺23]. **Cichlasoma** [MCAGHA⁺17]. **Cichlid** [JHNF24, MCAGHA⁺17, SSSP21]. **Cimei** [SLL22]. **Cinnamon** [JBdFS⁺22]. **Circadian** [WLN⁺23]. **Circle** [KMS⁺17]. **Cirrhinus** [PVY⁺21]. **Cis** [XWR⁺23]. **Cis-Regulatory** [XWR⁺23]. **Citizen** [GSK⁺21]. **Citizen-Science** [GSK⁺21]. **Citronella** [GMBR⁺21]. **Clam** [FCB⁺21, GGP⁺23, GWH21, JXW⁺23, LLY⁺22, PSW⁺23, SML⁺23a]. **Clarias** [AZY⁺24, AAAF⁺21, BHR⁺23, Eny17, EPKV17, SBB⁺19, WSE⁺21]. **Clarifies** [LBC⁺24]. **clarkae** [CSJ⁺23]. **Class** [GLY⁺23, JSLE23]. **Classe** [RGVG19]. **Classes** [VKP⁺24]. **Classification** [JTS⁺24]. **clavata** [FPRAT⁺23, SSK⁺22, SSSS23, TMPP23]. **Cleaner** [Ims23, IBN⁺23]. **Clearhead** [TJW⁺22]. **Climate** [ANA⁺23, CS23, FAG⁺23, HMX⁺21, Ho22, LUM18, LZZ⁺22, LOB⁺23, MSK⁺22, MML22, SMO⁺23, SRHCO23, SBG⁺24, VSH23, WZG⁺23, WSA⁺23, dICRMB⁺22]. **Climate-Driven** [LZZ⁺22]. **Climbing** [PRPW23]. **Clinch** [BMOH23]. **Cloning** [FLR⁺22, LXZ⁺22, MKC⁺22, WPLK23, YLX⁺22, ZHF⁺22a]. **Close** [Tri23]. **Close-Kin** [Tri23]. **Clupea** [BMTR23, MNP⁺16]. **Clupeid** [DTS⁺17, VKP⁺24]. **Clupeidae** [MNP⁺16]. **Clupeiformes** [MNP⁺16]. **CMSY** [AIŠRB22]. **Co** [CMC⁺24, EES⁺23, MTPK23, SAB⁺22, WCY⁺24, XYC⁺22, XYC⁺23]. **Co-Culture** [CMC⁺24, SAB⁺22]. **Co-Exposure** [WCY⁺24]. **Co-Fermented** [XYC⁺22, XYC⁺23]. **Co-Infection** [EES⁺23]. **Co-Operation** [MTPK23]. **Coast** [FGG⁺22, MPK⁺23, ARH⁺23, EKL⁺23]. **Coastal** [AKM23, CLZ⁺24, LKJ22, LCZ⁺23, LZL⁺23, MD21, NIN⁺19, Ols19, RGABD20, XQLA18]. **Cobia** [MKC⁺22, SCCM23]. **Cobitidae** [FŠS⁺23]. **Cocaine** [RCL⁺23]. **Coccidian** [DCL⁺23b]. **Cod** [MKN⁺16, PH23, SCSS23, YHH⁺20, vKRNL⁺19]. **Coelomic**

[WKB+23]. **Coercion** [MTPK23, QAC23]. **Coexistence** [MD21]. **Cognition** [QAC23]. **Cognitive** [JHNF24]. **Coho** [PSO+19, ZYG+23]. **COI** [WFL+23]. **Coilia** [WTC+22, WHY+24]. **Coinfected** [XZD+24]. **coioides** [ZHQ+23]. **Cold** [LOB+23, PBS+22]. **Cold-Water** [LOB+23]. **Colder** [SCSS23]. **coli** [KSO+23]. **Collagen** [LWS+21]. **Collected** [KYB+23, MLH+20]. **Collection** [RDI+21]. **Collichthys** [XZZ+24]. **Colombian** [SRHCO23]. **Color** [PNW+22]. **Colossoma** [dAPAA+24, SBS+23]. **Colours** [FŠS+23]. **Columbia** [TBPJ23]. **Column** [INCD23]. **Comber** [MSRGC+23]. **Combination** [HLK+23, JSJ+24, ZS21]. **Combined** [GZX+22, PLC+24, SSSP21]. **Combining** [AMK23]. **Commercial** [BHR+23, BKBR+23, IBN+23, ISA+22, KŽM+23, MMAO22, TRM+23, VMDV+22, WZG+23, WFL+23]. **Commercially** [RKHAMM22]. **commerson** [NNN23]. **Commission** [SS23]. **Common** [BEMC23, KBCM19, MS20, RGVG19, SB20, WKB+23, YWDP21]. **Commonalities** [Mil23]. **Communities** [AWCS23, AGE+18, ENO21, EFG+23, GLX+23, HXS+23, HPJ+23]. **Community** [GSH+24, HSZ+22, KBB+21, YLH+24]. **Community-Based** [KBB+21]. **Comparative** [AEME+23, FLX+22, GWH21, IFA+23, MSK+21, MTM+19, RWF+23, SLY+21, SJY+22, TMM+18, YZL+23, ZZ24]. **Compared** [AJF23]. **Comparing** [EBRS23]. **Comparison** [HZS+21, KZC+24, LZZ+22, MMY+17, SEA+23, YHZ+23, ZLX+23, ZZY+23]. **Compatibility** [JLT22]. **Compensation** [SYL+24]. **Compensatory** [Näs18]. **Competition** [AGE+18, NHR20, YJK23]. **Competitiveness** [EvSCB23]. **Complete** [JJK21, LPK+23a, LPK+23b, PKY+23]. **Completely** [YLW+23a]. **Complex** [AHK+23, FWJ21, HBL+22, SSK+22]. **Complexity** [DSC+19, HWW+24a]. **Complexone** [ZJC+22b]. **Compliance** [EvSCB23]. **Components** [JKK24, MZA+23]. **Composition** [BEG+23, DZC+22, EAJ+23, FGBA+23, GSH+24, JSSD23, KŽM+23, LZM+23, PNW+22, RGVG19, SGG+21, TMD+19, ULR+23, WSE+21, XRX+23, ZWZ22]. **Compositions** [YYH+24]. **Compound** [HXS+23, ZWZ22]. **Compounds** [DDG+22, WDL+23]. **Comprehensive** [CS23, HGC+23, MSRGC+23, PNW+22]. **Concentrate** [CWP+21]. **Concentration** [dRCCLRNRWK21, PLC+24, ZJC+22b]. **Concentrations** [dOCCH+23, KSO+23, KJ22, MSK+21]. **Condition** [EHGS23, MH23, SGAC20]. **Conditionally** [CLJ+23]. **Conditioned** [GGP+23]. **Conditioning** [CPVMA+24]. **Conditions** [CL19, CBCMRD+23, EA18, GL23, GRO+17, HYXY23, RCR+23, STZ+23, WMZ+22, WXL+23, ZQLW23]. **Confronted** [vSRB+18]. **Congruent** [HBL+22]. **Connectivity** [KBK+23, QWR+23]. **Consequences** [Dul23, RCL+23]. **Conservation** [ANA+23, BMOH23, DNP+23, FPRAT+23, JLT22, KSWT22, LKD22, MMAO22, PCO+23, SKSL23, VM19, VMBT24]. **Conservation-Status** [MMAO22]. **Conservative** [FM21a]. **Consistent** [AWCS23]. **Conspecific** [LYL+23]. **constricta** [LLY+22]. **Constructed** [KMS+17]. **Consumed** [DMT+19]. **Consumer** [RLAE23]. **Consumption** [AHL19, GLW+22, IFA+23, LLY+24, Poi24]. **Containing** [SBS+23]. **Contamination** [LL22, TPN+23]. **Content** [GRKC19, GBT+24, MBAM19, RSA17]. **Contents** [OJC+23]. **Context** [dlCRMB+22]. **Continuous** [RGABD20]. **Contributing** [YZL+23]. **Contributions** [DDN19]. **Control** [CG20, GGP+23, IR22,

LXW⁺²⁴, Sor21, XLP23, YAS21]. **Controls** [WWD⁺²³]. **Conventional** [ZHHO23]. **Conversion** [NWN⁺²², TDN⁺²²]. **Convulsion** [LKU21]. **Coordinated** [LJP⁺²²]. **Copepods** [OSM23]. **Coping** [GTC⁺¹⁷]. **Copper** [CLL^{+23b}, WCY⁺²⁴]. **Copper-Induced** [CLL^{+23b}]. **Coptis** [GYH⁺²³]. **Coral** [CZC23, LL22, ZVRH23]. **Coral-Associated** [ZVRH23]. **Cord** [LKU21]. **Coregonus** [BWKS20, LLKKV20]. **Coronal** [YCR⁺²³]. **Correction** [APD^{+23a}, CPJK23a, DL23, Gae17, Kim23a, MWPS24, PKSN23a, XYC⁺²³]. **Correlation** [CSB⁺²⁰, KKPY22, LPF⁺²³, LWS⁺²¹, PKC⁺¹⁹, XWW⁺²⁴]. **Correlations** [WWY⁺²³, YYH⁺²⁴]. **Cortisol** [WLT23]. **Coryphaena** [Poi24]. **Cosmonauts** [XSZ⁺²³]. **Cost** [APAHBMAG23, DRH18, MSB⁺²³, NYS⁺²³]. **Cost-Effectively** [NYS⁺²³]. **Cottidae** [PKY⁺²³]. **Cottonseed** [WLW⁺²³]. **Cottus** [CTTW23]. **Could** [Tri23]. **Countries** [BBF22, EN22]. **Cover** [FÅG⁺²³, NGMR23]. **Crab** [BASBW24, EBRS23, GLX⁺²³, KMB18, LWZ⁺²², LXT⁺²², LWS^{+23b}, LLS⁺²³, PLY⁺²⁴, PNW⁺²², RWF⁺²³, SYL⁺²⁴, WLZ^{+22a}, YMD⁺²¹, ZZL⁺²³, ZGY⁺²³]. **Crabs** [XXL⁺²⁴, XJC⁺²², YE20]. **crassicornis** [WDL⁺²³]. **Crassostrea** [dOCCH⁺²³, GLY⁺²³, MSK⁺²², QWY⁺²⁴, WLC⁺²³]. **Creatine** [BB23]. **Crew** [WYL23]. **Crimson** [LGZ⁺²³]. **Crisis** [BFP⁺²³]. **CRISPR** [KEA⁺²³, XWR⁺²³]. **CRISPR-Cas9** [KEA⁺²³]. **CRISPR/Cas9** [XWR⁺²³]. **CRISPR/Cas9-Mediated** [XWR⁺²³]. **Critical** [HVRCG18, MPM⁺²¹, VAT⁺²³]. **Critically** [HCZ⁺²³, LDX⁺²³, VV23]. **Croaker** [CTY⁺²¹, LTZ⁺²², dAMPS⁺²³, USRDFO⁺²²]. **crocea** [CTY⁺²¹]. **Crop** [HPJ⁺²³]. **Cross** [DPGFL⁺²²]. **Cross-Generational** [DPGFL⁺²²]. **Crowd** [Tay19]. **Crucian** [LHZ⁺²³, MLZ⁺²¹, WML⁺²¹, WMZ⁺²², XHC⁺²², XLX⁺²², XYC⁺²², XYC⁺²³, ZZC⁺²², ZJC^{+22a}]. **Crude** [EEEdCSOPJ⁺²³, SdSdOSSL23]. **cruentata** [BPOS19]. **Crustacea** [BSH⁺²³, KMB18]. **Crustacean** [JSSD23, SFK⁺²³]. **Cryobank** [RDI⁺²¹]. **Cryptobenthic** [ZVRH23]. **Ctenopharyngodon** [LWS⁺²¹, WLL⁺²², ZSQ⁺²¹]. **Cube** [XYT23]. **Cues** [LS19, LLY⁺²⁴]. **Cultural** [Tay19]. **Culture** [CMC⁺²⁴, GLX⁺²³, GL23, KŽM⁺²³, MJL⁺²⁴, Moy18, NYS⁺²³, PNW⁺²², RJR⁺²², SNZ⁺²³, SAB⁺²², VCL20]. **Cultured** [CWMX21, DCL^{+23a}, HXY⁺²³, JJK21, LVB⁺²⁰, RHU⁺²³, RJMVC⁺¹⁸, XJC⁺²²]. **cumingii** [ZZT⁺²³]. **Cuora** [KSAB⁺²³]. **Curcumin** [EAJ⁺²³]. **Cured** [EA18]. **Curonian** [AIŠRB22, ISA⁺²²]. **Current** [APD^{+23a}, APD^{+23b}, Ols19, SKSL23, WXL⁺²³]. **Curves** [BMTR23]. **Cutthroat** [MD21]. **Cuttlefish** [OGMG⁺¹⁷]. **Cuvier** [GRO⁺¹⁷]. **Cycle** [CFCE20, dSCFQB⁺²³, PPAB⁺¹⁸, PMFBI22, QWY⁺²⁴]. **Cycles** [DSC⁺²³]. **Cyclin** [QWY⁺²⁴]. **Cyclopterus** [CMP⁺²³, IR22]. **Cymbopogon** [GMBR⁺²¹]. **Cynoglossus** [CL21, LZM⁺²³]. **Cyprinid** [PKV⁺²²]. **Cyprinidae** [CZL23, LBC⁺²⁴]. **Cyprinids** [PAMG19, VMBT24]. **Cypriniformes** [LMB⁺²³, LBC⁺²⁴, LZC^{+23b}]. **Cyprinus** [BAP22, CXW⁺²³, CHJ⁺²³, KBCM19, LWT⁺²⁴, MS20, WSD⁺²³, XCW⁺²³, YWDP21]. **Cyprus** [GSK⁺²¹]. **CYS06** [LJR⁺²⁴]. **Cytb** [WFL⁺²³]. **Cytokine** [WPLK23]. **Cytokines** [BAP22]. **Cytotoxic** [MTHPJS⁺²³]. **D** [Kim23a]. **dabryanus** [LDW⁺²¹]. **Dace** [BMOH23]. **dactylifera** [HGSE23]. **Daily** [GFDPSR22, OGMG⁺¹⁷]. **Dalatiid** [DNP⁺²³]. **Dam** [APS⁺²¹]. **Damage** [BB23, HWW^{+24b}, MTHPJS⁺²³]. **Dams**

[ZS21]. **damselae** [MMD+23]. **Damselfish** [LDBL19, LL22]. **Danio** [CAC+17, HFEH+23, LCWH22, Ord19, TU18]. **Danube** [BAA+23, BAA+23]. **Dar** [MBL20]. **Dark** [CFCE20]. **Darters** [BAA+19]. **Data** [CVANRD+21, CHW21, DOB+17, FGG+22, FYH+23, FB22, FWJ21, LSJ24, MSA24, SKT23, SGANM+24, YYW+23, ZCX+22]. **Data-Driven** [SGANM+24]. **Data-Limited** [SKT23]. **Data-Poor** [DOB+17]. **Databases** [GSK+21]. **Dataset** [LSJ+22]. **Datasets** [APS+21]. **Date** [HGSE23]. **dauricus** [JCR+22]. **davidianus** [CWW+23, ZHF+22b]. **Day** [GLW+22]. **ddRAD** [KBK+23]. **ddRAD-Based** [KBK+23]. **Decade** [DMB+20]. **Decapoda** [KMB18, KKB20]. **Decapterus** [MBD+23]. **Deck** [WYL23]. **Decoding** [SDA23]. **Decomposing** [UH19]. **Decrease** [CXW+23]. **decussatus** [SML+23a]. **Deep** [HZS+21, HARB23a, ILA22, SZT+23, XLC+24, ZLF23]. **Deep-Sea** [ZLF23]. **Deepest** [KRAFO23]. **DeepOtolith** [PSP+22]. **Deepwater** [SBP23]. **Defense** [DCL+23b, LPF+23, SSSP21]. **Deficiency** [VKP+24]. **Deficient** [BF16]. **Defogging** [SYL+24]. **Deformity** [dAMPS+23]. **Degradation** [YLW+23b]. **Dehydrogenase** [LTZ+22]. **Delayed** [LKU21]. **Deletion** [LWS+23a]. **Delivery** [JFP+18]. **Delsman** [SNSVFL23]. **Delta** [BAA+23, TVL21, BAA+23]. **Deltaic** [dRCCLRNRWK21]. **Demersal** [HMX+21, TMPP23]. **Demographic** [SMH+22a, WTC+22]. **Demographics** [CH23]. **Demonstrate** [SB20]. **Demonstrates** [ZS21]. **Densities** [HSAF+23, LMNN21, NDC+23]. **Density** [AHK+23, BHR+23, dSGBdF23, HZS+21, JSSD23, LWG+23, LSL+24, MSB+23, NYS+23, SIZ+22, ZWP+23, ZJM+23]. **dentex** [MNO+22]. **Deoxygenation** [KFS23]. **Dependent** [FDM+23a, LYL+23, dICRMB+22]. **Deposit** [CMC+24]. **Deprivation** [LLS+23, SZF+21]. **Depth** [BSB+23]. **Derived** [FYH+23, MNO+22]. **Describe** [RDANPA+24]. **Description** [IFA+23, PPAB+18]. **Descriptive** [TMD+19]. **Design** [AHLC19, FLFF23, KBB+21, LLL+23, EEE21]. **Designating** [JLT22]. **Designation** [NNL+23]. **Designing** [WMZ+22]. **Destructive** [LOBTL22]. **Detect** [HBG+20]. **Detected** [VKP+24]. **Detection** [AVT18, BFLC19, ITG+18, LSJ+22, LJX+21, NLTL23, PKSN23a, PKSN23b, SPEGMC24, SLC+22, SYL+24, WLZ+23, WYL23]. **Deter** [Sus20]. **Determinants** [EN22]. **Determination** [Fed23, JSLE23, MS18]. **Determine** [VK23]. **Determined** [MLH+20, SML+23a]. **Determines** [dSCFQB+23]. **Determining** [RGABD20]. **Deterrents** [ZS21]. **Detour** [BEF+23, JHNF24]. **Detrimental** [WHX+23]. **Developed** [VKP+24]. **Developing** [BFP+23, EN22, NRKT19, NIN+19]. **Development** [AJF+22, CAC+17, CMP+23, CBK+21, CZC+22, CZC23, CHH+23, CFP+23, CCFP19, HZG+21, KMS+17, KLD+23, KAR+23, LTZ+22, LKJ22, LMLH22, LJP+22, Liu24, LXZ+22, MKC+22, MMMNAG23, MPM+21, NNL+23, PHB+23, RMSPMC+22, SLC+22, SAB+22, Sus20, THS+22, TJW+22, UDG+19, VMDV+22, WHY+24, WMD+24, WWD+23, WSS+19, YYH+24, ZLZ+22, ZJJ+22, ZQLW23, ZCT+23, dICRMB+22]. **Development-Related** [ZJJ+22]. **Developmental** [FYL+23, Kim23a, Kim23b, MPM+21, RLB+23]. **Deviation** [CVANRD+21]. **Device** [CLL23a, LLL+23]. **Diagnosis** [EES+23, ILA22, SKT23]. **Diandric** [MPK+23]. **Dicentrarchus** [ALNVDG+22, CFCE20, FDM+23b, NZVB20, RSA17, SAB+22, VPP+22].

Dicentrarchus [RRM⁺20]. **dieffenbachii** [MLK⁺19]. **Diel** [BSB⁺23]. **Diet** [BEG⁺23, CWP⁺21, DZC⁺22, EPKV17, FGR19, GYH⁺23, MABÁMSM22, MMVVCJ⁺23, NdNFK⁺24b, NdNFK⁺24a, SFK⁺23, WLL⁺22, WWD⁺23, YZH⁺24]. **Dietary** [ASM⁺22, AASQPU⁺23, BSGMC⁺22, BKBR⁺23, CSR22, EAJ⁺23, GRKC19, GSHGE18, HLZ⁺22, JKK24, LHX⁺23, OSM23, OJC⁺23, SSSP21, SNSG⁺19, SCHAT23, TPC⁺23, WGRM⁺19, WHX⁺23, XHC⁺22, XLX⁺22, XYC⁺22, XYC⁺23, XYL⁺23, YGD⁺23, YAEAB23, ZWZ22, ZYG⁺23, ZSZ⁺23, dAdSCC⁺23]. **Diets** [AAAF⁺21, BCG⁺23, CSR22, DCL⁺23a, Eny17, FQÁGTR⁺17, GMDMT⁺23, GBT⁺24, JKP⁺23, MVPMAV⁺22, NRÁGPM⁺18, NYS⁺23, PJPMMV⁺22, PSW⁺23, SBS⁺23, TMD⁺19, XYL⁺23, ZWD⁺23]. **Differences** [AJF⁺22, BBCJ23, LZM⁺23, Näs18, WYG⁺23, ZZ24, ZJC⁺22a]. **Different** [AGA⁺21, CHH⁺23, dOCCH⁺23, CPVMA⁺24, DQC⁺23, GGP⁺23, HSAF⁺23, IM24, JCR⁺22, KYB⁺23, LUM18, LDD⁺22, LWL⁺23, LVB⁺20, LMNN21, MNP⁺16, NdNFK⁺24b, NZVB20, RHU⁺23, RKS⁺24, SdSdOSSL23, SPEGMC24, SBS⁺23, SUL⁺23, ŠT19, SJY⁺22, WSL⁺23, WML⁺21, WYG⁺23, XRX⁺23, YYW⁺23, YGD⁺23, YLH⁺24, YWL⁺24, ZZT⁺23, ZCT⁺23, ZZY⁺23, ZWD⁺23]. **Differential** [LMMC⁺22]. **Differentially** [ZLSB22]. **Differentiation** [Fed23, MLSC⁺23, SML⁺23a, SLY⁺21, VCL20, WLZ⁺22a]. **Diffusion** [NRKT19]. **Diformate** [CHZ⁺24]. **Digestibility** [BRB⁺23, DBP⁺20, FDM⁺23b, MdM⁺23, MLH⁺20, SdSdOSSL23, TJTV⁺23]. **Digestive** [DZC⁺22, LGZ⁺23, LLS⁺23, MCÁGHA⁺17, MVPMAV⁺22, MMVVCJ⁺23, NRÁGPM⁺18, PJPMMV⁺22, SSSP21, TCB⁺24, XYL⁺23, YBL⁺22, YHZ⁺23, dAdSCC⁺23].

Dihydrolipoamide [LTZ⁺22]. **Dimensions** [KKFC⁺23]. **Dioxide** [INCD23, Sus20]. **Dipole** [SZSW21]. **Direct** [ŠT19]. **Directions** [MS20]. **Discarded** [MSRGC⁺23]. **Discards** [SWS22]. **Discharge** [WSA⁺23]. **Discordance** [CFM⁺23]. **Discovery** [KMS⁺17]. **Discrimination** [BEF⁺23, KMSO18, ZXH⁺23]. **Disease** [JKK⁺20, LJK⁺22, LDD⁺22, NHC⁺23, SNK⁺23, WBK⁺23, XLX⁺22]. **Diseased** [SNZ⁺23, WLZ⁺23, WFX⁺23, XXL⁺22]. **Diseases** [BAP22, LJR⁺24, Sha19]. **Disentangling** [BÁD⁺22, RRG22]. **Disinfectant** [HS18]. **Dismissed** [MSRGC⁺23]. **Disparate** [AWCS23]. **Dispersal** [EMFZ⁺18]. **Display** [SFP17]. **Disputed** [CXL23]. **Disruption** [XWR⁺23]. **Disruptor** [RLB⁺23, SAGG⁺23]. **Dissolved** [WSE⁺21]. **Distant** [And23]. **Distant-Water** [And23]. **Distiller** [FDM⁺23b]. **Distinct** [SFP17]. **Distinction** [MBD⁺23]. **Distinguish** [FJL⁺23]. **Distributed** [LZC⁺23b]. **Distribution** [BSR⁺20, CASMK23, Gae16, Gae17, GP17, Gre17, LCZ⁺23, LWD⁺23, LXW⁺24, MSA24, MDLA22, RSA17, RKS⁺24, SKD⁺23, SKF⁺23, WWY⁺23, XZZ⁺24, ZZL⁺23, ZCX⁺22]. **Distributions** [HBL⁺22, LBC⁺24]. **District** [MFKS23]. **Disturbance** [CLL⁺23b]. **Divergence** [WTC⁺22]. **Diverse** [ZAM⁺23]. **Diversity** [ARH⁺23, ANA⁺23, BAA⁺23, CTTW23, GSH⁺24, JZX22, LZC⁺23b, SWUH23, SLDC23, WLZ⁺22a, XRX⁺23, YJK23, ZLL⁺23, ZGY⁺23, ZZZ⁺23]. **DNA** [AMK23, BAA⁺19, HBG⁺20, HZG⁺21, JZX22, OJC⁺23, WFZ⁺24]. **Do** [FÁG⁺23, IBN⁺23, YGD⁺23]. **Docking** [NWN⁺23]. **Does** [BF16, CCFP19]. **Dogfish** [ARH⁺23]. **dolomieu** [SOW⁺23]. **Dolphin** [JLT22]. **Dolphinfish** [Poi24]. **domestica** [HIO⁺19]. **Domesticated** [AJF⁺22, FHF23]. **Domestication**

[LMLH22]. **Dominant** [LHZ⁺23]. **Door** [VCC⁺18]. **Dormitator** [RMSPMC⁺22]. **dorsalis** [ASM⁺22]. **Dose** [LYL⁺23]. **Dosidicus** [HZL⁺22, ZXY⁺24]. **Dottyback** [CZC23]. **Double** [RDANPA⁺24]. **Downstream** [WLL⁺23]. **Downstream-Migrating** [WLL⁺23]. **Drainage** [CASMK23]. **Dried** [ATEfA⁺21, FDM⁺23b, HKS⁺18, MAR⁺18, RMA⁺18]. **Drift** [BAA⁺19]. **Drifting** [NIN⁺19, WMD⁺24]. **Drinking** [WFZ⁺24]. **Driven** [LZZ⁺22, SGANM⁺24]. **Drivers** [FCT19, RRG22]. **Driving** [BÁD⁺22, XZZ⁺24]. **Drug** [RCL⁺23]. **Drying** [RMA⁺18]. **Due** [BAA⁺23]. **dumerili** [JFP⁺18]. **Duplication** [MBZ⁺21]. **Duration** [SZF⁺21]. **During** [MAR⁺18, BKBR⁺23, BEF⁺23, CAC⁺17, CWMX21, CBK⁺21, CTY⁺21, Kim23a, Kim23b, LGZ⁺23, MKC⁺22, MSB⁺23, MLK⁺19, NdNFK⁺24b, NdNFK⁺24a, PSO⁺19, RWF⁺23, SMH⁺24, SZSW21, THS⁺22, TJW⁺22, TRM⁺23, UDG⁺19, VCC⁺18, WHY⁺24, WDL⁺23, WSS⁺19, ZHF⁺22a, ZCX⁺22]. **Dusky** [AGA⁺21]. **DUSP2** [LWS⁺23a]. **Dwarf** [HSZ⁺22]. **Dwarf-Form** [HSZ⁺22]. **Dynamic** [EFQ23, HWZ21, SGANM⁺24, TJW⁺22, WLM⁺20, ZZL⁺23]. **Dynamics** [AGC23, APS⁺21, BKBR⁺23, FGG⁺22, GFDPSR22, HWW⁺24a, IFA⁺23, SB20, Tri23, YE20].

E-Nose [PBS⁺22]. **E**. [KSO⁺23, SZZ⁺23, YGD⁺23]. **E20** [CBCL23]. **Earliest** [KMS⁺17]. **Earliest-Stage** [KMS⁺17]. **Early** [BKBR⁺23, CAC⁺17, CHH⁺23, CBCMRD⁺23, IM24, JKP⁺23, Kim23a, Kim23b, MPM⁺21, PH23, SMO⁺22, SMO⁺23, STZ⁺23, TJW⁺22, VPP⁺22, VH20, ZSL⁺23]. **Early-Life** [SMO⁺23]. **Early-Stage** [JKP⁺23]. **East** [HWZ21, LCZ⁺23, YSY⁺23]. **Eastern** [CASMK23, GSK⁺21, HCWH20, AGE⁺18, DMA22, MMD⁺23, MLSC⁺23, RKS⁺24, SMM⁺18]. **Eat** [WDL⁺23]. **eckloni** [ZZ24]. **Eco** [GZX⁺22]. **Eco-Substrate** [GZX⁺22]. **Ecological** [Fra23, FCT19, KKB20, KYB⁺23, LZL⁺23, MWPS23, MWPS24, MBL20, PYP17, Poi24, RTBL⁺18, WSL⁺23, dICRMB⁺22]. **Ecologically** [AAB⁺18]. **Ecology** [AFTÁPA⁺23, BS23, GPD⁺23, LCW23a, LKD22, LOBTL22, PCO⁺23, VSH23]. **Economic** [ATEfA⁺21, AAAF⁺21, BÁD⁺22, BASBW24, CBP⁺24, HZL⁺22, LV23, Tay19]. **Economical** [MBL20]. **Economics** [SNK⁺23]. **Economy** [And23, LJP⁺22]. **Ecosystem** [APD⁺23a, APD⁺23b, KAB⁺20, SS23]. **Ecosystems** [DD23]. **Ecotourism** [SLL22]. **Ecotoxicology** [AAB⁺18]. **Ectoparasite** [CSSMV⁺23]. **Ectoparasitic** [MNO⁺22]. **Edible** [EBRS23, GMRJ22]. **Editing** [KEA⁺23]. **Editor** [Hal23]. **Editor-in-Chief** [Hal23]. **Editorial** [Moy18, Piz22]. **eDNA** [PKSN23a, HBL⁺22, PKSN23b]. **edodes** [XYL⁺23]. **Edwardsiella** [WSZ⁺23, YLW⁺23a]. **Eel** [JKP⁺23, MLK⁺19, MDLA22, PRPW23, RCL⁺23, ZWZ22]. **Eels** [DMA22, EFG⁺23, HMVRFD19, SLYY23, WHX⁺23]. **Effect** [AAAF⁺21, AHK⁺23, ASM⁺22, BSGMC⁺22, CWMX21, CFCE20, CZC⁺22, CL21, CPJK23a, CPJK23b, DO24, EPKV17, GMBR⁺21, GYH⁺23, GSH⁺24, HV24, HXS⁺23, HS18, JKP⁺23, KKFC⁺23, LHX⁺23, LLS⁺23, LCX⁺23, MMMNAG23, MSB⁺23, MIHH23, NWN⁺22, NRÁGPM⁺18, PYJ⁺23, PSW⁺23, PWCL23, dCPRG⁺21, PKV⁺22, RRM⁺20, SZZ⁺23, SAC23, SAB⁺22, SIZ⁺22, WGRM⁺19, WHM21, WCY⁺24, ZWZ22]. **Effective** [AHL19, HIO⁺19, HCZ⁺23, LXW⁺24]. **Effectively** [NYS⁺23]. **Effectiveness** [GZF⁺22]. **Effects** [AEME⁺23, BHR⁺23,

BSH⁺²³, BEF⁺²³, CZW⁺²³, CSGE23,
 CFP⁺²³, DÁ23, DDN19, DK22, DPGFL⁺²²,
 DSC⁺²³, EAJ⁺²³, EAE⁺²³, FMXQ23,
 FMBPC⁺²³, FHF23, FLB⁺²¹, GL23,
 GMDMT⁺²³, GGP⁺²³, dSGBdF23,
 GSHGE18, GZX⁺²², HLK⁺²³, HGSE23,
 HFEH⁺²³, IM24, JBdFS⁺²², KJ22, LMC21,
 LMB⁺²³, LWZ⁺²², LGZ⁺²³, LZH⁺²³, LV23,
 LSL⁺²⁴, LMMC⁺²², LMNN21,
 MVPMAV⁺²², MTHPJS⁺²³, MNO⁺²²,
 MTPK23, Näs18, NDC⁺²³, NSK⁺²³,
 PHB⁺²³, dAPAA⁺²⁴, PH23, RKHAMM22,
 RHU⁺²³, RCL⁺²³, SSSP21, SMO⁺²³,
 SBP23, SZF⁺²¹, SBB⁺¹⁹, SNK⁺²³,
 SAHS18, TJTV⁺²³, TCB⁺²⁴, ULR⁺²³,
 VAT⁺²³, WSZ⁺²³, WML⁺²¹, WLL⁺²²,
 WZG⁺²³, WLW⁺²³, WSD⁺²³, WHX⁺²³,
 WSA⁺²³, Web23, WMD⁺²⁴, WSE⁺²¹,
 WLZ^{+22b}, XLX⁺²², XYC⁺²², XYC⁺²³,
 XYL⁺²³, YLW^{+23b}, YHZ⁺²³, ZYG⁺²³,
 ZWP⁺²³, dAdSCC⁺²³, vKRNL⁺¹⁹.
Efficacy [CG20, IR22, LDD⁺²², PSN18].
Efficiencies [APAHBMAG23]. **Efficiency**
 [BBF22, CGY⁺²³, KKFC⁺²³, MSB⁺²³,
 SNK⁺²³, TVL21, ZLF23]. **Effluent**
 [LMC21]. **Effort**
 [LSJ24, SHT⁺²³, WLM⁺²⁰]. **Efforts**
 [HDW⁺²³]. **EGb** [CXW⁺²³]. **Egg**
 [RAR⁺¹⁸]. **Eggs** [THS⁺²², WMD⁺²⁴].
ehimensis [LCWH22]. **EHP** [HWX⁺²³].
Elasmobranch [LW18, PYP17].
Elasmobranchii [BMMD22, FGG⁺²²].
Elasmobranchs [ZSZSS⁺²²]. **Eleginops**
 [MPM⁺¹⁸]. **Element** [XJC⁺²²]. **Elements**
 [XWR⁺²³]. **Eleotridae** [RMSPMC⁺²²].
Elephant [SAL19]. **Elevated** [DK22,
 DTS⁺¹⁷, INCD23, PLC⁺²⁴, ZZW⁺²²].
Elizabethkingia [WWW⁺²⁴]. **elongatus**
 [PKY⁺²³]. **Elopomorpha** [KBK⁺²³].
Elucidate [BLA⁺²²]. **Embryo**
 [MMMNA23]. **Embryogenesis**
 [DIL⁺²², LLY⁺²⁴]. **Embryonic**
 [CZC⁺²², CZC23, DK22, LXZ⁺²², THS⁺²²,
 UDG⁺¹⁹, dICRMB⁺²²]. **Embryos**
 [LL22, Ord19, XWR⁺²³]. **Emerging**
 [Näs18]. **Emphasis** [AJF23]. **Empirical**
 [CHW21, HWZ21]. **Enclosed** [SXQ⁺²²].
Encounter [AHL19]. **Encounters**
 [FÁG⁺²³]. **encrasicolus** [DQC⁺²³].
Endangered [HCZ⁺²³, KSAB⁺²³,
 LDX⁺²³, MJL⁺²⁴, SKSL23, VV23].
Endangerment [YZL⁺²³]. **Endemic**
 [HVR18, VMBT24]. **Endo** [PKC⁺¹⁹].
Endo- [PKC⁺¹⁹]. **Endo16** [XWR⁺²³].
Endocrine [RLB⁺²³, SAGG⁺²³, VCC⁺¹⁸].
Endocrinology [KJ22]. **Endotoxin** [LS19].
Endurance [VF23]. **Energetic** [BB23].
Energy [LWS^{+23b}, MdM⁺²³]. **English**
 [DMA22]. **Engraulis** [AAN22, DQC⁺²³].
Enhance [BFP⁺²³, CXW⁺²³].
Enhancement
 [GBT⁺²⁴, HHL⁺²⁰, TOB⁺²³]. **Enhancer**
 [AHJ⁺²³]. **Enhances** [LCWH22, XCW⁺²³].
Enriched [NSK⁺²³, VLCCA⁺²³].
Enrichment [CBCL23, WWW19].
Ensemble [WSL⁺²³]. **Enteric** [YLW^{+23a}].
Enteritis [SCSR22]. **Enterococcus**
 [XLX⁺²², XYC⁺²², XYC⁺²³].
Enterocytozoon [HWX⁺²³].
Enteromorpha [ZWD⁺²³]. **Entire**
 [WMD⁺²⁴]. **Ento** [SAB⁺²²]. **Entosphenus**
 [KSO⁺²³]. **Environment**
 [HBL⁺²², LXW⁺²⁴, LJP⁺²², LWZ⁺²³,
 WLZ⁺²³, ZXY⁺²⁴]. **Environmental**
 [AJF23, AMK23, BÁD⁺²², CL19, CMC⁺²⁴,
 DPGFL⁺²², EM23, FHF23, GTC⁺¹⁷,
 HJE⁺²³, HBG⁺²⁰, HMX⁺²¹, HMVRFD19,
 HWZ21, JZX22, KKPL23, LKJ22, LWD⁺²³,
 NKC⁺²¹, RJMVC⁺¹⁸, RJTVC⁺¹⁹, ST17,
 VK23, WKB⁺²³, WM22, WGW⁺²³,
 WWY⁺²³, WFZ⁺²⁴, YYW⁺²³].
Environments [CPVMA⁺²⁴, VLCCA⁺²³].
Enzymatic [ULR⁺²³, WLW⁺²³]. **Enzyme**
 [DRFCL23, DZC⁺²², ERE21, MBAM19,
 MLK⁺¹⁹, MMVVCJ⁺²³, NRÁGPM⁺¹⁸,
 PJPMMV⁺²², XYL⁺²³, YBL⁺²², YHZ⁺²³,
 ZZL⁺²³, dAdSCC⁺²³]. **Enzymes**
 [FMBPC⁺²³, LGZ⁺²³, MVPMAV⁺²²,

SSSP21, TPC⁺²³. **Enzymology** [FLB⁺²¹]. **Epidemiology** [TPN⁺²³]. **Epidermal** [WML⁺²¹]. **Epigenetics** [SMH^{+22b}]. **Epinephelus** [AGA⁺²¹, AKM23, HAC⁺²³, SWS22, SZZ⁺²³, Tri23, WYG⁺²³, YGD⁺²³, ZHQ⁺²³]. **Eradication** [YWDP21]. **Eriocheir** [FLR⁺²², GLX⁺²³, LWZ⁺²², LXT⁺²², LLS⁺²³, PLY⁺²⁴, PNW⁺²², WLZ^{+22a}, XXL⁺²⁴, XJC⁺²², YMD⁺²¹, ZGY⁺²³]. **ERK** [LWS^{+23a}]. **Error** [CBANCM⁺²¹]. **Erythrocyte** [SSK⁺²²]. **Erythrocytes** [CSGE23, MTHPJS⁺²³, SSSS23]. **erythropteris** [LGZ⁺²³]. **Esc** [YLW^{+23a}]. **Esox** [FWJ21]. **Especially** [APS⁺²³]. **Essential** [BSH⁺²³, GMBR⁺²¹, JBdFS⁺²², SBS⁺²³, dAdSCC⁺²³]. **Establishment** [CLJ⁺²³, MU21]. **Ester** [CWMX21]. **Estimate** [SHT⁺²³]. **Estimated** [TMPP23]. **Estimates** [BPO19, CSB⁺²⁰, CLL⁺²², CBANCM⁺²¹, FGBA⁺²³, HCZ⁺²³, LLWW23, MOW⁺¹⁸, XWW⁺²⁴]. **Estimating** [JHNF24, LLW⁺²²]. **Estimation** [LJX⁺²¹, LSJ24, Tri23]. **Estradiol** [CZC⁺²², JSJ⁺²⁴, VMS⁺²³]. **Estrogen** [CZC⁺²²]. **Estuarine** [DMA22, FDM^{+23a}, Gre17, HBL⁺²²]. **Estuarine-Dependent** [FDM^{+23a}]. **Estuary** [Fra23, KBB⁺²¹, SFP17, GTC⁺¹⁷, SLYY23, WSL⁺²³]. **Ethmalosa** [DTS⁺¹⁷]. **Ethyl** [CWMX21]. **Eupercaria** [dAMPS⁺²³]. **Europe** [Fra23, EFQ23, RRG22]. **European** [AHJ⁺²³, ANA⁺²³, AVT18, BFB⁺²³, BAS⁺¹⁹, BBF22, CFCE20, CMC⁺²⁴, DMA22, EFG⁺²³, FGR19, FB22, FDM^{+23b}, GFDPSR22, HMRVFD19, LLKKV20, MDLA22, NZVB20, VPP⁺²², XQLA18]. **Eurozone** [BBF22]. **Euryhaline** [WLT23]. **eurystomus** [KZC⁺²⁴]. **Euthynnus** [MLSC⁺²³]. **Evaluate** [FWJ21, MU21]. **Evaluating** [FYH⁺²³, GLH⁺²³, KBB⁺²¹, MD21, SCSR22, ZZZ⁺²³]. **Evaluation** [BPCC23, DRH18, EES⁺²³, EEdCSOPJ⁺²³, Fed23, FLFF23, GMCF⁺²², GTSG18, GZF⁺²², MBAM19, NWN⁺²¹, PKSN23a, PKSN23b, RDI⁺²¹, SPEGMC24, SHT⁺²³, VAT⁺²³, WHM21, YLX⁺²²]. **Evasion** [QAC23]. **Events** [HBG⁺²⁰]. **Evidence** [CSJ⁺²³, GP17, KKPL23, LKJ22, PWCL23, VMBT24, WHM21, ZAM⁺²³]. **Evolution** [Gae16, Gae17, MBZ⁺²¹, SDA23, ZQL⁺²³]. **Evolutionary** [DNP⁺²³, Fed23]. **Ex** [CYL⁺²³]. **Examined** [CHH⁺²³]. **Examples** [SBP23]. **Excluder** [CLL23a]. **Exclusive** [HZL⁺²²]. **Excretion** [JCR⁺²², TU18]. **Exercise** [LWS⁺²¹]. **Exhibits** [DTS⁺¹⁷, LJR⁺²⁴]. **Exoskeletal** [PKC⁺¹⁹]. **Exotic** [SGAC20]. **Expansion** [SKD⁺²³]. **Expected** [SBG⁺²⁴]. **Experience** [QAC23, YWDP21]. **Experiences** [DPGFL⁺²², LOB⁺²³, SRBCGV⁺²¹]. **Experimental** [CFLK21, HYXY23, NHR20, NNN23, NWN⁺²³, PLC⁺²⁴, PVY⁺²¹, WXL⁺²³, WBK⁺²³]. **Experimentally** [ZZL⁺²³]. **Expert** [MSK⁺²²]. **Expert-Based** [MSK⁺²²]. **Exploitation** [FPRAT⁺²³]. **Exploiting** [SB20]. **Exploration** [LSJ⁺²²]. **Exploring** [ZCX⁺²²]. **Exporting** [EN22]. **Exposed** [AGA⁺²¹, BAS⁺¹⁹, dOCCH⁺²³, HLZ⁺²²]. **Exposure** [BMSGs⁺¹⁸, BSH⁺²³, DLL⁺²³, DIL⁺²², RCL⁺²³, ŠT19, WKB⁺²³, WCY⁺²⁴]. **Expressed** [CAC⁺¹⁷, ZLSB22]. **Expression** [ASM⁺²², CZW⁺²³, CYL⁺²³, CZC⁺²², ERE21, FCB⁺²¹, FLR⁺²², GLY⁺²³, GRKC19, GGF⁺²², JKP⁺²³, KJK⁺²³, LLY⁺²², LCWH22, LWL⁺²³, LXZ⁺²², MKC⁺²², MWZ⁺²³, MVPMAV⁺²², NRÁGPM⁺¹⁸, PLJ⁺²³, PJPMMV⁺²², PSO⁺¹⁹, QWY⁺²⁴, SML^{+23a}, TU18, WSZ⁺²³, WLW⁺²³, WYG⁺²³, WPLK23, YZH⁺²⁴, YLX⁺²², YSG⁺²³, ZLW⁺²³, ZSZ⁺²³, ZCT⁺²³, vKRNL⁺¹⁹]. **Expressions** [ZHF^{+22a}]. **Extended** [CPJK23a, CPJK23b]. **Extension**

[JROHVH⁺23]. **External**
 [BHR⁺23, RTBL⁺18]. **Extinct** [EMFZ⁺18].
Extract
 [AEME⁺23, CXW⁺23, CSV⁺19, HFEH⁺23,
 JROHVH⁺23, VAT⁺23, XCW⁺23].
Extracting [ZXY⁺24]. **Extraction**
 [NLTL23]. **Extracts**
 [CL21, PSS⁺18, dCPRG⁺21, WGRM⁺19].
Extremely [BSB⁺23].

F [Kim23a, Kim23b, SRL⁺19]. **F**
 [GWH⁺22]. **F1** [JFP⁺18, WSI⁺19].
Fabrication [EEE21]. **Face** [LSJ⁺22].
facetis [BSR⁺20]. **Facilities**
 [CLZ⁺24, WXL⁺23]. **Factor**
 [EBH21, KJK⁺23, SHW⁺23, TPN⁺23].
Factors
 [BÁD⁺22, CH23, HWZ21, LWD⁺23, LFH⁺23,
 NHC⁺23, RAR⁺18, SGAC20, VK23, WM22,
 WHY⁺24, WWY⁺23, XZZ⁺24, YZL⁺23].
faecalis [XLX⁺22]. **Faeces** [MLH⁺20].
faecium [XYC⁺22, XYC⁺23]. **Fails**
 [RDE⁺23]. **falciformis** [KSWT22]. **Fall**
 [BMTR23]. **Family** [BAA⁺19, GLY⁺23,
 LLY⁺22, OMC⁺19, SHW⁺23, WSZ⁺23,
 YLW⁺23b, ZLW⁺23, ZLZ⁺22, ZVRH23].
Fang [TTT23]. **Farm** [JSRE⁺24, TKF⁺18].
Farm-Raised [JSRE⁺24]. **Farmed**
 [AVT18, CVANRD⁺21, DLL⁺22, EES⁺23,
 HLZ⁺22, IR22, JSLE23, MGS⁺23, MMY⁺17,
 RDANPA⁺24, RSA17, SALC⁺19, XZD⁺24].
Farming [GMRJ22, LXW⁺24, MBL20,
 NNL⁺23, RDG⁺20, TVL21]. **Farms**
 [JLT22, JKK⁺20, KYB⁺23, MDF⁺23,
 NKC⁺21, NHC⁺23, SNZ⁺23]. **Fasting**
 [FMBPC⁺23, dAPAA⁺24, ZSZ⁺23].
Fathead [LMC21]. **Fatty** [ASM⁺22,
 BKBR⁺23, HZL⁺22, LZM⁺23, MNP⁺16,
 PSW⁺23, TMD⁺19, VKP⁺24, ZSZ⁺23].
Favor [SCSS23]. **Feasibility** [LJX⁺21].
Features [GWH⁺22, KMSO18, ZXY⁺24].
Fecundity [DTS⁺17]. **Fed**
 [ATEfA⁺21, BCG⁺23, CWP⁺21, DZC⁺22,
 GBT⁺24, MMVVCJ⁺23, SBS⁺23, SEA⁺23,
 SGG⁺21, TMD⁺19, XYL⁺23]. **Feed**
 [ATEfA⁺21, CXW⁺23, CSF⁺23, CHZ⁺24,
 DBP⁺20, DRH18, EPKV17, HMN⁺22,
 HIO⁺19, HMP⁺24, IM24, JKK⁺20,
 KKFC⁺23, MMVVCJ⁺23, MLH⁺20, Pao23,
 VH20, XCW⁺23, YAEAB23, ZLX⁺23,
 ZWD⁺23, ZHHO23]. **Feeder** [EEE21].
Feeders [CMC⁺24]. **Feeding** [AHK⁺23,
 Ang18, BWKS20, CSF⁺23, HZL⁺22,
 KSO⁺23, KKP22, KKFC⁺23, LSS⁺22,
 LOBTL22, MSRGCG⁺23, TJTV⁺23,
 WLL⁺23, WFZ⁺23, XSZ⁺23, dSSBdS23].
Feeds
 [GHS20, MBAM19, RRM⁺20, RGVG19].
Feedstuffs [BSGMC⁺22]. **felis** [OJC⁺23].
Female
 [CBK⁺21, DOB⁺17, JSJ⁺24, QAC23,
 RAR⁺18, SBP23, SLY⁺21, FHHC23,
 JCR⁺22, PYJ⁺23, SZZ⁺23, YGD⁺23].
female-sign [FHHC23]. **FEMP** [BBF22].
Fermentation [FDM⁺23b, XYL⁺23].
Fermented
 [WLW⁺23, XYC⁺22, XYC⁺23, ZYG⁺23].
Fertility [RAR⁺18, ZSL⁺23]. **Fidelity**
 [SBT22]. **Field** [Ang18]. **Fighting**
 [LJR⁺24]. **Filial** [CZC23]. **Fillet** [MKN⁺16].
Fillets [JROHVH⁺23, ŠT19]. **Filter**
 [CMC⁺24, KSO⁺23]. **Filter-Feeding**
 [KSO⁺23]. **fimbriata** [DTS⁺17]. **Fin**
 [VCL20]. **Final** [PYP17]. **Finding** [KMB18].
Fine [MSA24, SLY⁺21]. **Fine-Patterned**
 [SLY⁺21]. **Fine-Scale** [MSA24]. **Finfish**
 [JE18, NNL⁺23, RAR⁺18]. **Fingerling**
 [RJTV⁺19, SNK⁺23]. **Fingerlings**
 [NDC⁺23]. **Finless**
 [CYL⁺23, FLX⁺22, LCZ⁺23]. **Finned**
 [PKY⁺23]. **Firm** [AJF23]. **Firms** [AJF23].
First
 [DLL⁺22, DCL⁺23b, EBH21, GMCF⁺22,
 JSRE⁺24, JFP⁺18, MKC⁺22, MWPS23,
 MWPS24, dAMPS⁺23, SQ23, VMDV⁺22].
First-Generation [JFP⁺18]. **Fish**
 [AMK23, AIŠRB22, APS⁺23, AGE⁺18,
 AJF⁺22, BB23, BAA⁺23, BCG⁺23,

BBCJ23, CL19, CSGE23,
 dRCCLRNWRK21, CXW⁺²³, CLL23a,
 CZC23, CFLK21, CSSMV⁺²³, DCL^{+23a},
 DMT⁺¹⁹, DPGFL⁺²², DTS⁺¹⁷, DO24,
 EM23, EPKV17, ENO21, EFQ23, EMFZ⁺¹⁸,
 FDM^{+23a}, FLFF23, Fra23, GTC⁺¹⁷,
 GBT⁺²⁴, Gre17, GZX⁺²², HARB23b,
 HIO⁺¹⁹, HPJ⁺²³, Ims23, IBN⁺²³, ILA22,
 INCD23, ITG⁺¹⁸, JSLE23, JJK21, JZX22,
 JK24, JHNF24, KJ22, KAB⁺²³, KFS23,
 KAB⁺²⁰, KYB⁺²³, LKU21, LMB⁺²³,
 LMLH22, LSJ⁺²², LWD⁺²³, LFH⁺²³,
 LWS⁺²¹, LJX⁺²¹, LL18a, LL18b, LWT⁺²⁴,
 LWZ⁺²³, MdM⁺²³, jMIL23, MD21,
 MPM⁺¹⁸, MTM⁺¹⁹, MDF⁺²³, Mil23,
 MHZ⁺²³, MZA⁺²³, MWPS23, MWPS24,
 MMD⁺²³, Moy18, NKC⁺²¹, NdNFK^{+24b},
 NdNFK^{+24a}, NWN⁺²³, NYS⁺²³, OMC⁺¹⁹,
 Ols19, Pao23, PKY⁺²³, PSP⁺²², PWH⁺²³,
 PKSN23a, PKSN23b, QPDGF⁺²³,
 RKHAMM22, RLB⁺²³, RLAE23]. **Fish**
 [RJR⁺²², RTBL⁺¹⁸, RDG⁺²⁰, RRG22,
 SGAC20, SRBCGV⁺²¹, SAL19, SMO⁺²³,
 SMH⁺²⁴, SCSS23, SKD⁺²³, EEE21,
 SAGG⁺²³, SOW⁺²³, SXQ⁺²², SNK⁺²³,
 SMH^{+22b}, SML^{+23b}, SLDC23, SAHS18,
 TMD⁺¹⁹, ULR⁺²³, VM19, VCC⁺¹⁸,
 WGRM⁺¹⁹, WSL⁺²³, WMZ⁺²², WLZ⁺²³,
 WLW⁺²³, WMD⁺²⁴, WFZ⁺²³, WFZ⁺²⁴,
 XYC⁺²², XYC⁺²³, XCW⁺²³, YLW^{+23a},
 YJK23, Zac22, ZAM⁺²³, dSJC⁺²¹,
 dSSBdS23]. **Fish-Based** [SXQ⁺²²]. **Fished**
 [MMAO22]. **Fisher**
 [JLT22, LV23, MFKS23, SKL⁺²³, TOB⁺²³].
Fisherfolk [WM22]. **Fisherie** [FCT19].
Fisheries
 [BBF22, BFP⁺²³, BPCC23, CBP⁺²⁴, DÁ23,
 FM21b, FCT19, HWW^{+24a}, ISA⁺²²,
 KFS23, LKJ22, MSK⁺²², MTPK23,
 MML22, OOGAS23, PMFBI22, QL22,
 SWUH23, SKT23, SRHCO23, SS23, SLL22,
 TOB⁺²³, XYT23, YYW⁺²³, YSY⁺²³].
Fishermen [SRHCO23]. **Fishery**
 [APAHBMAG23, CHW21, Fer23, Ho22,
 LLTM17, LJP⁺²², Liu24, MTPK23,
 NWN⁺²¹, NWN⁺²², NIN⁺¹⁹, PWCL23,
 TPN⁺²³, TDN⁺²², WHM21, YLL22,
 ZXY⁺²⁴, ZCX⁺²²]. **Fishery-Processing**
 [NWN⁺²²]. **Fishes** [CGY⁺²³, CPJK23a,
 EHGS23, Fed23, FCF19, FLFF23, HMX⁺²¹,
 Kim23a, KCKK23, LBC⁺²⁴, LW18, LZL⁺²³,
 MS18, MWPS24, MBZ⁺²¹, Piz22, PKSN23a,
 SALC⁺¹⁹, Sor21, Sus20, TMM⁺¹⁸, ZVRH23,
 Est16, Gae17, APD^{+23a}, EBH21, LL18a,
 Off18, Off19, Off23, XYC⁺²³].
FishEthoBase [SALC⁺¹⁹]. **Fishing**
 [And23, AAN22, CHW21, CXL23, CZCW23,
 FYH⁺²³, FGBA⁺²³, dSCFQB⁺²³, LSJ24,
 MFKS23, PMFBI22, TTT23, VK23, WYL23,
 XQLA18, XLC⁺²⁴]. **Fishmeal** [ATEfA⁺²¹,
 BCG⁺²³, CSR22, FLB⁺²¹, ZMLFS⁺²⁰].
Fishway [PAMG19]. **Fitness** [MH23].
Fitting [MOW⁺¹⁸]. **Five** [ZZZ⁺²³].
Fivespot [LPK^{+23b}]. **Flagellar** [SZZ⁺²³].
Flat [SRBCGV⁺²¹]. **Flat-V** [SRBCGV⁺²¹].
Flathead [EES⁺²³]. **flavescens**
 [CWP⁺²¹, NHR20]. **Flavor**
 [PBS⁺²², WDL⁺²³]. **flavus** [EAJ⁺²³].
Flaws [LBC⁺²⁴]. **Fleet**
 [PMFBI22, YYW⁺²³]. **Flesh** [MGS⁺²³].
Flexible [MOW⁺¹⁸]. **fiL** [SZZ⁺²³].
Floating [AHK⁺²³, HLK⁺²³].
FLOCponics [HPJ⁺²³]. **Flora** [SJY⁺²²].
Florfenicol [SEA⁺²³]. **Florida** [LLTM17,
 BPCC23, CH23, EKL⁺²³, MPK⁺²³].
Flounder [JKK⁺²⁰, JKK24, LPK^{+23b},
 YLW^{+23b}, YSY⁺²³, ZLZ⁺²²]. **Flow**
 [PRPW23, TKF⁺¹⁸, WMD⁺²⁴].
Flow-Through [TKF⁺¹⁸]. **Fluctuating**
 [MH23]. **Fluctuation** [SNSG⁺¹⁹].
Fluctuations [LZZ⁺²²]. **Fluid**
 [RDE⁺²³, VAT⁺²³, WKB⁺²³]. **Flunixin**
 [MSK⁺²¹]. **Fluorescence** [LSY⁺¹⁷].
Fluvial [dRCCLRNWRK21].
Fluvial-Lagoon-Deltaic
 [dRCCLRNWRK21]. **Fly**
 [CSR22, LWT⁺²⁴, NYS⁺²³, YAEAB23].
Flying [CLL⁺²², ZXY⁺²⁴]. **Focus**

[HDW⁺23, Ols19, ZSZSS⁺22]. **Focused** [WWD⁺23]. **Follicle** [Web23]. **Following** [SBT22]. **Food** [AA23, LMLH22, LLS⁺23, LMMC⁺22, QWR⁺23, SMO⁺23, SZF⁺21, YJK23, ZLX⁺23]. **Foods** [DDN19]. **Foodsize** [FHHC23]. **Foraging** [JBK⁺23, LLS⁺23, OSM23]. **Force** [CCCFE18]. **Forecast** [AAN22]. **Form** [HSZ⁺22]. **Formalin** [LDD⁺22]. **Formalin-Killed** [LDD⁺22]. **Formation** [PSS⁺18, RAR⁺18]. **Formulated** [CWP⁺21, DZC⁺22]. **Fortification** [BF16]. **Fostering** [NNL⁺23]. **Fotemustine** [DIL⁺22]. **Foundation** [LDW⁺21]. **Four** [AIŠRB22, SGAC20, ZHF⁺22a, ZLL⁺23]. **FP17** [DLL⁺22]. **FPH** [SNK⁺23]. **Fractal** [DSC⁺19, RDANPA⁺24]. **Fraction** [HIO⁺19]. **Fractionation** [BFM23]. **Fragments** [SLC⁺22, ZZZ⁺23]. **Framework** [XQLA18]. **Frameworks** [And23]. **Fraass** [YAEAB23]. **Free** [BCG⁺23]. **Freeze** [DSC⁺23]. **Freezing** [HYXY23]. **French** [AKM23]. **Frequency** [LGZ⁺23, PWH⁺23]. **Frequently** [DMT⁺19]. **Fresh** [DRH18, DMT⁺19, RDG⁺20]. **Freshness** [LSY⁺17]. **Freshwater** [BPCC23, CLL⁺23b, CGY⁺23, DCR⁺23, EFQ23, INCD23, KSAB⁺23, MJL⁺24, MIHH23, MS18, MML22, NKC⁺21, NSK⁺23, Piz22, PWH⁺23, RLB⁺23, RRG22, SAGG⁺23, VM19, XRX⁺23]. **Freshwaters** [EFG⁺23]. **fridmani** [CZC23]. **Frigate** [ZCX⁺22]. **Frog** [WWW⁺24]. **Front** [BS23]. **Frontier** [APAHBMAG23]. **Frozen** [CTY⁺21, LJK⁺22, RDI⁺21]. **Fructooligosaccharides** [EAE⁺23, PJPMMV⁺22]. **Fruit** [HGSE23]. **Fry** [LLL⁺23, LGZ⁺23]. **Full** [TKF⁺18]. **fulvidraco** [HWW⁺24b, JLW⁺24, PYJ⁺23]. **Function** [JK24, LSY⁺23, PJPMMV⁺22]. **Functional** [CLJ⁺23, Fra23, LMLH22, Mil23, MPK⁺23, YAEAB23, ZCT⁺23]. **Functionality** [BSGMC⁺22]. **Functions** [CL19, SRL⁺19, TJW⁺22]. **Fund** [BBF22]. **Fungicide** [NWN⁺23]. **Fungus** [PSS⁺18]. **furcatus** [FHHC23]. **Fusarium** [EAE⁺23, PSS⁺18]. **fuscoguttatus** [HAC⁺23, SZZ⁺23, WYG⁺23, YGD⁺23]. **Future** [APD⁺23a, APD⁺23b, FCF19, MS20, SMO⁺23].

G [Mil23]. **G.** [GP17, KLD⁺23]. **G720** [XLX⁺22]. **Gadiculus** [GP17]. **Gadidae** [Gae17, Gae16, GP17]. **Gadus** [PH23, SCSS23, YHH⁺20, vKRNL⁺19]. **Gafftopsail** [OJC⁺23]. **Galaxaura** [YZH⁺24]. **Galeus** [BMMD22, DAF⁺22]. **galloprovincialis** [LPF⁺23]. **Galvanizing** [BASBW24]. **Gaps** [MMAO22]. **Gar** [FQÁGTR⁺17, MPM⁺21, MVPMAV⁺22, NRÁGPM⁺18, PJPMMV⁺22, dICRMB⁺22]. **garipepinus** [AZY⁺24, BHR⁺23, Eny17, EPKV17, SBB⁺19, WSE⁺21]. **Garlic** [JROHVVH⁺23]. **gasar** [dOCCH⁺23]. **gasterostei** [GMMNRS18]. **Gasterosteus** [BEMC23, DLL⁺23, GMMNRS18, JBK⁺23, SAL18]. **Gate** [ZS21]. **Gauging** [SRBCGV⁺21]. **GC** [PBS⁺22]. **GC-IMS** [PBS⁺22]. **GCRV** [YLX⁺22]. **Gehu** [RJR⁺22]. **Gelatin** [EEdCSOPJ⁺23]. **gen** [CSJ⁺23]. **Gender** [ZHF⁺22b]. **Gene** [ASM⁺22, CYL⁺23, CMP⁺23, ERE21, FCB⁺21, GLY⁺23, GRKC19, GGF⁺22, JKP⁺23, KEA⁺23, LLY⁺22, LWL⁺23, MKC⁺22, MWZ⁺23, NRÁGPM⁺18, PLJ⁺23, PSO⁺19, QWY⁺24, SML⁺23a, SZZ⁺23, TU18, WLW⁺23, WYG⁺23, WPLK23, YZH⁺24, YLX⁺22, ZHF⁺22a, ZQL⁺23, ZHQ⁺23, ZCT⁺23, ZCC⁺22, ZZZ⁺23, vKRNL⁺19]. **Generalist** [BEG⁺23]. **Generation** [BMTR23, HZG⁺21, JFP⁺18, PNW⁺22]. **Generational** [DPGFL⁺22]. **Genes** [CZW⁺23, CBK⁺21, CZC⁺22, CWW⁺23, CZL23, FLR⁺22, JLW⁺24, KJK⁺23, LCWH22, MYY⁺23, MVPMAV⁺22, MBZ⁺21, PJPMMV⁺22, SLY⁺21, SGG⁺21,

ZLW+23, ZJJ+22]. **Genetic** [ARH+23, ANA+23, APD+23a, APD+23b, CTTW23, CSB+20, CMP+23, FHF23, HCWH20, HHL+20, HCZ+23, HZZ+23, KBK+23, LDBL19, LZC+23b, NTP+21, SWUH23, WTC+22, WLZ+22a, WFL+23, ZLL+23, ZGY+23, ZZZ+23]. **Genetically** [HLZ+22, SML+23a]. **Genetics** [BMOH23, FGHYCA23, Hal23]. **Genome** [CZL23, DLL+22, JJK21, LPK+23a, LPK+23b, LLY+22, MBZ+21, ZLW+23]. **Genome-Wide** [LLY+22, ZLW+23]. **Genomewide** [GLY+23]. **Genomic** [YZL+23]. **Genomics** [KBK+23]. **Genotoxicity** [AZY+24, SAGG+23]. **Genotype** [TBPJ23]. **Genotype-1** [TBPJ23]. **Gentian** [FMXQ23, WLN+23]. **Genuine** [XJC+22]. **Genus** [MBD+23, MLSC+23, WLZ+22a, WBK+23]. **Geographic** [BGT+20]. **Geographic-Scale** [BGT+20]. **Geography** [RE21]. **Geometric** [KMSO18, XXL+24]. **Geosmin** [LLKKV20]. **Germ** [ZQLW23]. **Gestation** [UDG+19]. **GH** [GRKC19, GLW+22]. **GH-Transgenic** [GLW+22]. **GH/IGF** [GRKC19]. **Ghrelin** [ZSZ+23]. **Giant** [CWW+23, HAC+23, XRX+23, ZHF+22b]. **Giants** [TCD+21]. **Gibel** [ULR+23]. **gibelio** [ULR+23]. **GIFT** [BRB+23, HLZ+22, ZZW+22]. **gigas** [HZL+22, ZXY+24]. **Gill** [FMXQ23, FQÁGTR+17, ZZT+23, ZZW+22]. **Gillnet** [FM21a, NIN+19]. **Gillnets** [NNN23, YSY+23]. **Gills** [CLL+23b, CSJ+23, HSZ+22, MHZ+23, SBS+23, WLT23]. **Gilthead** [BSGMC+22, CSB+20, CCCFE18, CFCE20, ERE21, GMBR+21, SNSG+19, TJTV+23, TMD+19]. **Giltheadsea** [ZMLFS+20]. **Ginger** [AEME+23]. **Ginkgo** [CXW+23]. **Girella** [KLD+23]. **Girellidae** [KLD+23]. **Glacial** [ANA+23]. **gladius** [LLTM17, Poi24]. **Glass** [SLYY23]. **Glazed** [CTY+21]. **Global** [EN22, KKB20, PWCL23, SALC+19, ZZW+22]. **Glochidia** [MJL+24]. **glossodonta** [KBK+23]. **GLP** [ZSZ+23]. **GLP-1** [ZSZ+23]. **gls1** [XHC+22]. **Glucan** [EAE+23]. **Glucans** [NRÁGPM+18]. **Glucocorticoid** [WLT23]. **GLUT1** [ZLZL23]. **Glutaminase** [XHC+22]. **Glutamine** [ZCZ+22]. **Glycine** [EPKV17]. **Glycogen** [WLC+23, WLT23]. **Glycolipid** [HLZ+22, YGD+23]. **Glycoprotein** [JK24]. **GnRHα** [JFP+18]. **Goal** [Liu24]. **Gobiid** [ZVRH23]. **Gobiidae** [KRAFO23, ZVRH23]. **Gobiiform** [KRAFO23]. **Gobiiformes** [KRAFO23]. **Gobius** [KRAFO23]. **Goby** [AAB+18, CHH+23, KAR+23, LMCM+22, PKSN23a, PKSN23b]. **Golden** [FŠS+23, GGL+23, WLW+23]. **Goldfish** [HGSE23]. **Goliath** [AKM23, BC23, EKL+23, MPK+23, Tri23]. **Gonad** [BWKS20, VCC+18, ZQLW23]. **Gonadal** [CBK+21, LXZ+22, MKC+22, YYH+24, ZLZ+22, ZCT+23]. **Gonadotropin** [WSI+19]. **Gonadotropin-Releasing** [WSI+19]. **Gonads** [MY+23]. **gonionotus** [DRH18]. **Gonochorism** [MPK+23]. **Good** [SMM+18, SBG+24]. **Gourami** [DAH19]. **Governance** [CXL23]. **Governing** [And23]. **Gracilaria** [HSAF+23]. **Graded** [SNK+23]. **Gradients** [SML+23a]. **Gradual** [TMM+18]. **grahami** [ZXH+23]. **Grains** [FDM+23b]. **Grande** [CASMK23]. **grandiflora** [SBS+23]. **granosa** [PLJ+23]. **Grape** [LMNN21]. **Grapevine** [HFEH+23]. **Grass** [HBG+20, LWS+21, LJR+24, SFP17, WWD+23, YLX+22, ZSQ+21]. **grayii** [WTC+22]. **Graysby** [BPOS19]. **Great** [FLFF23]. **Greater** [JFP+18, NRKT19]. **Greece** [CBP+24, KMB18, KKB20]. **Greek** [GASS+22, SKL+23]. **Green** [CPJK23a, CPJK23b, GBT+24, HAC+23, MCÁGHA+17, YE20]. **greeni** [CTTW23]. **gregaria** [YMD+21]. **Grenadier** [XSZ+23]. **Greville** [HSAF+23]. **Grey** [ATEfA+21, EES+23, GMCF+22]. **Ground**

[XLC+24, ZXY+24]. **Grounds** [AAN22, MMSK21]. **Groundwater** [BF16]. **Group** [ALNVDG+22, CZL23, SKK+23]. **Grouper** [AGA+21, AKM23, BC23, EKL+23, HWW+24a, HAC+23, MPK+23, SWS22, SZZ+23, Tri23, WYG+23, WLN+23, YGD+23]. **Grouper-Snapper** [HWW+24a]. **Groupers** [FMXQ23]. **Grow** [NdNFK+24b]. **Grow-Out** [NdNFK+24b]. **Growth** [ATEfA+21, AEME+23, ASM+22, AGA+21, BFB+23, BHR+23, BRB+23, BMTR23, BPOS19, BPO19, CSB+20, CdOCH+23, CVANRD+21, CLL+22, CXW+23, CHJ+23, CCFP19, CMC+24, CBANCM+21, CBCMRD+23, DMA22, DLL+23, DZC+22, EAJ+23, EAE+23, EPKV17, EMFZ+18, FB22, FM21b, FLB+21, FCB+21, GWH+22, GL23, GFDPSR22, GMBR+21, GMDMT+23, GRKC19, GBT+24, HGSE23, HFEH+23, HS18, HPJ+23, IM24, INCD23, JKP+23, JKK24, JBdFS+22, LLWW23, LCWH22, LWT+24, LSL+24, LOT+22, LCX+23, LMNN21, MSB+23, MWZ+23, MPM+21, MIHH23, MVPMAV+22, MMVVCJ+23, MOW+18, MPK+23, Näs18, NRÁGPM+18, PSS+18, PNW+22, PJPMMV+22, dAPAA+24, RRM+20, RHU+23, RDANPA+24, RJTVC+19, SSSP21, SNSVFL23, SBS+23, SLY+21, STZ+23, SGG+21, SBB+19, SJY+22, SNK+23, TJTV+23, ULR+23, VH20, WML+21, WSD+23, WYG+23, WSA+23, WSE+21, WLZ+22b, XLX+22, XRX+23, XCW+23, XWW+24, YLW+23b, YCR+23, YHZ+23]. **Growth** [ZMLFS+20, ZWZ22, ZSH+23, ZYG+23, ZZ24, ZLX+23, dAdSCC+23]. **Growth-Promoting** [JBdFS+22]. **GSK3** [WLC+23]. **Guadiana** [GTC+17]. **gualpensis** [GLH+23]. **Guaratuba** [CFM+23]. **Guaratuba-Babitonga-Itapocu** [CFM+23]. **Guiana** [AKM23]. **Guilds** [Fra23, WSL+23]. **Gulf** [AFTÁPA+23, BMTR23, KMB18, LWD+23, SWS22, USRDFO+22, MSRGCG+23, SXQ+22]. **Günther** [AFTÁPA+23]. **Guppies** [BEF+23]. **Guppy** [GBT+24]. **Gut** [ATEfA+21, BSGMC+22, GMCF+22, LHZ+23, WLZ+22b, XYC+22, XYC+23, YLW+23a, YBL+22, ZAM+23]. **guttatus** [CVANRD+21]. **Gymnesigobius** [KRAFO23]. **Gymnocephalus** [NHR20]. **Gymnocypris** [ZZ24]. **Gyrodactylus** [GMMNRS18]. **GYS** [WLC+23]. **H** [WGRM+19]. **H.** [Mil23]. **Hāpuku** [WSI+19, WSS+19]. **Habit** [LMLH22, WFZ+23]. **Habit-Specific** [WFZ+23]. **Habitat** [AKM23, Gre17, LHZ+23, SKF+23, YWL+24, ZCX+22, ZVRH23]. **Habitats** [DMA22, MNP+16, WSL+23, YLH+24]. **Habits** [MSRGCG+23, OJC+23, WLL+23, XSZ+23]. **haematopterus** [CHJ+23, WSD+23]. **Haemulon** [BPO19]. **Hagerman** [CTTW23]. **Hainan** [LZL+23]. **Hairtail** [FYL+23, HWZ21, SKK+23]. **Hairy** [LXT+22]. **Hake** [AGC23, GFDPSR22]. **Han** [AMK23]. **Handling** [SBP23]. **Happiness** [RH19]. **harak** [MOW+18]. **Harbor** [TTT23]. **Hard** [FCB+21, JXW+23]. **Hardhead** [OJC+23]. **harengus** [BMTR23]. **Harmful** [JXW+23, SAHS18]. **Harvest** [BGT+20, MMSK21]. **hasta** [MMY+17]. **Hatchery** [TRM+23, VRKV24]. **Hatching** [CHJ+23, Ord19, VKP+24]. **Head** [JLW+24, LLL+23, MPM+18, SMO+22]. **Head-Kidney** [SMO+22]. **Head-to-Tail** [LLL+23]. **Heads** [NWN+21, NWN+23]. **Health** [ASM+22, BSGMC+22, LZH+23, LW18, Sha19, SOW+23, SNK+23, ULR+23, WHX+23, WFZ+23, ZWP+23]. **Heart** [CLJ+23, PLY+24]. **Heat** [HZS+21, ZHF+22a]. **Heatwaves** [LPF+23]. **Heavy** [MS18, WFZ+23]. **Heel** [BAA+23]. **Helminths** [EFG+23, EFQ23].

Hematological

[DCR⁺23, JKK24, SCCM23]. **Hematology** [HS18, RHU⁺23]. **Hemorrhagic** [QXAY22]. **Hepatic** [HLZ⁺22, YZH⁺24]. **Hepatopancreas** [HWX⁺23]. **Hepatopancreatic** [LJK⁺22]. **hepatopenaei** [HWX⁺23]. **Hepatorenal** [RIF⁺23]. **hepatus** [MSRGC⁺23]. **hepuensis** [FLR⁺22]. **Herbicide** [MTHPJS⁺23]. **Heritability** [CSB⁺20, XWW⁺24]. **Hermaphroditism** [DAF⁺22]. **Hermetia** [CSR22, FLB⁺21, LWT⁺24, NYS⁺23, YAEAB23]. **Herpesvirus** [SLC⁺22]. **Herring** [BMTR23, MNP⁺16]. **Herzenstein** [LLWW23]. **Heterodontus** [PHB⁺23]. **Heterogeneous** [CFLK21, WTC⁺22]. **Heterosigma** [JXW⁺23]. **Heterospecific** [LLY⁺24]. **Hidden** [TCD⁺21]. **Hierarchical** [YJK23]. **HIF** [PLJ⁺23]. **HIF-1** [PLJ⁺23]. **High** [BEMC23, dSGBdF23, HJE⁺23, HLZ⁺22, LSL⁺24, MBAM19, MDVM⁺23, NDC⁺23, NYS⁺23, PLY⁺24, QL22, RCR⁺23, Tay19, TMD⁺19, WGW⁺23, XYL⁺23, SBG⁺24]. **High-Density** [NYS⁺23]. **High-Resolution** [BEMC23]. **High-Seas** [QL22]. **High-Temperature** [MDVM⁺23, PLY⁺24]. **Highland** [KYB⁺23]. **Hilsa** [FM21a]. **Hinders** [RLB⁺23]. **Hippocampus** [STZ⁺23, ZQLW23]. **hippurus** [Poi24]. **Histamine** [WHX⁺23]. **Histoarchitecture** [AEME⁺23]. **Histological** [SMH⁺24, SBP23]. **Histology** [HS18, PLY⁺24, SGG⁺21, TJTV⁺23]. **Histomorphology** [FMXQ23, SBS⁺23]. **Histone** [LLY⁺22]. **Histopathological** [EAJ⁺23]. **Histopathology** [CLL⁺23b, EES⁺23]. **Historical** [APD⁺23a, APD⁺23b, LBC⁺24]. **History** [SMO⁺23, SMH⁺22a, VH20, WTC⁺22, YE20]. **Hobbyists** [VM19]. **Holistic** [FCT19]. **Holocephali** [SQ23]. **Home**

[HMVRFD19]. **Homeostasis** [WLN⁺23]. **Hong** [QWY⁺24]. **hongkongensis** [QWY⁺24]. **Hookline** [RJFCJC⁺21]. **Horizon** [HDW⁺23]. **Horizontal** [LCW23a]. **Hormonal** [PKV⁺22]. **Hormone** [CMP⁺23, CPJK23a, CPJK23b, KJ22, WCY⁺24, WSI⁺19]. **Hormones** [CBK⁺21]. **Horse** [MSA24]. **Host** [GMMNRS18, JKP⁺23, LHZ⁺23]. **Host-Associated** [JKP⁺23]. **Hosts** [PYP17]. **Hot** [XYT23]. **Hours** [RDI⁺21]. **Housefly** [HIO⁺19]. **HPG** [CZW⁺23]. **HSP** [FLR⁺22]. **Hsp47** [LWS⁺21]. **HSP60** [ZHF⁺22a]. **HSPs** [ZHF⁺22a]. **Huanghe** [WSD⁺23]. **Hubbs** [CSJ⁺23]. **Hucho** [LDX⁺23, WWY⁺23]. **Human** [LW18, RCL⁺23]. **Humoral** [SSSP21]. **Huron** [PKSN23a, PKSN23b]. **Husbandry** [PLV⁺19]. **Huso** [JCR⁺22, Kim23a, Kim23b]. **Hyaella** [BSH⁺23]. **Hybrid** [FHHC23, HAC⁺23, JCR⁺22, Kim23a, Kim23b, MMVVCJ⁺23, PYJ⁺23, SZZ⁺23, WFX⁺23, YGD⁺23, ZSL⁺23]. **hybridus** [MBL20]. **Hydrodynamic** [WXL⁺23]. **Hydrolagus** [SQ23]. **Hydrological** [dSCFQB⁺23]. **Hydrologically** [FWJ21, HBL⁺22]. **Hydrolysate** [SNK⁺23]. **Hydrolysates** [NdNFK⁺24b, NdNFK⁺24a]. **Hydrolysis** [MABÁMSM22]. **Hydropeaking** [WSA⁺23]. **hydrophila** [AEME⁺23, JLW⁺24, LCWH22, PYJ⁺23, PSN18, dCPRG⁺21, SSSP21, SNK⁺23, ZLSB22]. **Hydrophobic** [HIO⁺19]. **Hydropower** [BFLC19]. **Hypersaline** [DTS⁺17]. **Hypophthalmichthys** [MGS⁺23, PVY⁺21, RMA⁺18, ZLZL23, ZJC⁺22b]. **hypophthalmus** [VH20]. **Hypoxia** [PLJ⁺23, WLN⁺23, ZLZL23, ZZW⁺22].

I. [FHHC23]. **Iberian** [SGAC20, PAMG19, SRBCGV⁺21]. **Ice** [FÁG⁺23]. **Iced** [JROHVH⁺23]. **Icefish**

[TJW+22]. **Ichthyofauna** [LKD22]. **Ichthyoplankton** [PWH+23]. **Ichthyoplanktonic** [AGC23]. **ictaluri** [YLW+23a]. **Ictalurus** [FHHC23, KBCM19, QXAY22]. **Idaho** [CTTW23]. **idella** [LWS+21]. **idellus** [WLL+22, ZSQ+21]. **Identification** [AAN22, CMP+23, CWW+23, EEedCSOPJ+23, ENO21, FCB+21, GLY+23, KLD+23, LSJ+22, LSJ24, MMD+23, OMC+19, PWH+23, QXAY22, QWY+24, SBP23, SLY+21, VAT+23, WLC+23, WFX+23, XLP23, XXL+24, XXL+22, ZLW+23, ZLSB22]. **Identified** [ARH+23, ZJJ+22]. **Identifies** [RWF+23]. **Identifying** [CLZ+24]. **IGF** [GRKC19]. **IGF1** [Web23]. **IGF2** [Web23]. **Iglésias** [KRAFO23]. **IgM** [ZLSB22]. **II** [FYL+23, GLY+23]. **IL-17** [WSZ+23]. **Illegal** [CXL23]. **illucens** [CSR22, FLB+21, LWT+24, NYS+23, YAEAB23]. **Illustrate** [PMFBI22]. **Image** [CCCFE18, JTS+24]. **Images** [JTS+24, PSP+22]. **Imbalance** [AZY+24]. **Immortalized** [CLJ+23]. **Immune** [AEME+23, CAC+17, CFCE20, CSV+19, CSSMV+23, EAE+23, GGL+23, GSHGE18, HLZ+22, JLW+24, LWZ+22, LCX+23, MHZ+23, MZA+23, NRÁGPM+18, PSO+19, RIF+23, RHU+23, SMO+22, SMH+24, SEA+23, VCC+18, VPP+22, WML+21, WLL+22, WBK+23, YMD+21, ZAM+23, ZHQ+23]. **Immune-Endocrine** [VCC+18]. **Immune-Related** [JLW+24, PSO+19]. **Immunity** [EES+23, GBT+24, HFEH+23, LCWH22, LDD+22, LWT+24, LHX+23, MZA+23, SSSP21, XLX+22, YZH+24, YHZ+23, Zac22, ZYG+23]. **Immunization** [PSN18]. **Immunoassay** [SLC+22]. **Immunohistochemical** [SMH+24]. **Immunological** [DCL+23a, HGSE23, SAC23]. **Immunoprotective** [GYH+23]. **Immunoregulation** [SCHT23]. **Impact** [AZY+24, BAA+23, DPGFL+22, EBH21, IBN+23, INCD23, JKK24, MFKS23, NKC+21, RIF+23, SRHCO23, SZSW21, VSH23]. **Impacts** [CBP+24, CS23, DLL+23, HJE+23, KFS23, LFH+23, MML22, NGMR23, ZSH+23]. **Impaired** [LMMC+22]. **Impairment** [BB23]. **Implementing** [SS23]. **Implication** [BFB+23]. **Implications** [AHL23, APD+23a, APD+23b, BKBR+23, ENO21, FCT19, TPC+23, dICRMB+22]. **Important** [BAP22, Gre17, RKHAMM22]. **Imprecise** [PWH+23]. **Improve** [BF16, NNN23, ZSQ+21]. **Improved** [HARB23a, HLZ+22, LWZ+23, MOW+18, WLZ+23, WYL23, YZH+24]. **Improvement** [GLX+23, JROHVH+23, MGS+23]. **Improves** [FDM+23b, MABÁMSM22, VH20]. **IMS** [PBS+22]. **IMTA** [CMC+24]. **In-Pond** [FHHC23]. **Inadequate** [PWH+23]. **Inclusion** [MVPMAV+22, MMVVCJ+23, RRM+20]. **Income** [MFKS23]. **Incomes** [WM22]. **Incorporating** [QL22]. **Incorporation** [PJPM22]. **Increased** [PHB+23, WSA+23]. **Increases** [BRB+23, WWW19, ZSQ+21]. **Increasing** [ATEfA+21, SMM+18]. **Increments** [MOW+18]. **Index** [NIN+19, SXQ+22]. **India** [LBC+24]. **Indian** [SQ23, SMM+18, YWL+24, SZSW21, WZG+23]. **Indicate** [PYP17]. **Indicator** [BB23, LSY+17, LCWH22, Liu24]. **Indices** [AGC23, CMC+24, KŽM+23, RIF+23, TMPP23, XYC+22, XYC+23, YLH+24]. **indie** [LCWH22]. **Indigenous** [GTC+17]. **Individual** [CBANCM+21, GFDPSR22, KCKK23, WSA+23]. **Individual-Based** [WSA+23]. **Indonesia** [HWW+24a, MMSK21, MFKS23, NIN+19, SZSW21, WLM+20]. **Induce** [VMS+23]. **Induced** [AZY+24, CLL+23b, ERE21, LPF+23, SCSR22, WSI+19]. **Induces**

[BWKS20, MDVM⁺23]. **Inducible** [CAC⁺17]. **Induction** [JFP⁺18]. **Industrial** [ZWP⁺23]. **Industries** [AJF23]. **Industry** [EvSCB23, HMN⁺22, Ho22, XLP23].

Infected [CSSMV⁺23, GGL⁺23, SEA⁺23, ZZL⁺23]. **Infection** [AEME⁺23, EAE⁺23, EES⁺23, GYH⁺23, HWX⁺23, KJK⁺23, LTZ⁺22, PVY⁺21, VCC⁺18, VPP⁺22, WWW⁺24, WBK⁺23, YMD⁺21, YLX⁺22, ZHF⁺22a]. **Infections** [LCWH22]. **Infectivity** [LJK⁺22]. **Infestation** [PSO⁺19]. **Infestations** [IR22, MNO⁺22]. **Inflammatory** [WLW⁺23]. **Influence** [BCG⁺23, CdOCH⁺23, CHW21, DCR⁺23, DSC⁺19, JBK⁺23, MPM⁺21, MCSB⁺19, PLC⁺24, PJPMMV⁺22, PRPW23, SWUH23, SCSS23, SSK⁺22, WSA⁺23, YGD⁺23]. **Influenced** [RMA⁺18]. **Influences** [MWZ⁺23]. **Influencing** [RAR⁺18]. **Inform** [DOB⁺17]. **Informative** [NTP⁺21]. **Informing** [WWD⁺23]. **Infrastructures** [SGANM⁺24]. **Ingredient** [YAEAB23]. **Ingredients** [GHS20, MABÁMSM22, MBAM19, MLH⁺20, ZHHO23]. **Inhibited** [PSS⁺18]. **Inhibiting** [LWS⁺23a]. **Inhibitors** [SSK⁺22]. **Inhibitory** [DDN19]. **Inhibits** [LWS⁺23a, XCW⁺23]. **Initial** [LHX⁺23]. **Injection** [LLW⁺22]. **Innate** [LCWH22, YMD⁺21]. **Innovation** [LKJ22]. **Inorganic** [MMMNA23]. **Insect** [HGC⁺23, RRM⁺20, SAB⁺22]. **Insects** [HMN⁺22]. **Insight** [GTC⁺17, LOBTL22, WTC⁺22]. **Insights** [HMN⁺22, LCW⁺23b, PMFBI22, Poi24, SDA23, Sus20, SAHS18, WLC⁺23, YWDP21, ZQL⁺23, ZSL⁺23, FDM⁺23a]. **instead** [WLL⁺22]. **Instream** [FÅG⁺23]. **Insular** [Tay19]. **Insurance** [WHM21]. **Integrated** [CdOCH⁺23, MBL20]. **Integrating** [GSK⁺21]. **Integrative** [LBC⁺24, dSSBdS23]. **Integrity** [ATEfA⁺21, SXQ⁺22]. **Intelligence** [CZCW23]. **Intelligent** [ILA22].

Intensification [VRKV24]. **Intensive** [WLZ⁺23]. **Inter** [ZJC⁺22a]. **Inter-Otolith** [ZJC⁺22a]. **Interaction** [MHZ⁺23, YJK23]. **Interactions** [CFLK21, EFQ23, VCC⁺18, Zac22]. **Interactive** [LSL⁺24]. **Interferon** [CWW⁺23, KJK⁺23]. **Intergeneric** [VMBT24]. **Intermediary** [FMBPC⁺23]. **International** [CXL23, PWCL23]. **Internationalization** [NRKT19]. **Intersected** [APS⁺21]. **Intersexuality** [DAF⁺22]. **Interspecific** [LZL⁺23]. **Intervention** [MTPK23]. **Intestinal** [CBCL23, DBP⁺20, DCL⁺23b, FLB⁺21, GMDMT⁺23, HWW⁺24b, HLZ⁺22, LCW⁺23b, LZH⁺23, MVPMAV⁺22, Näs18, NRÁGPM⁺18, PJPMMV⁺22, RCR⁺23, SJY⁺22, SNK⁺23, TU18, WLW⁺23, WHX⁺23, XLX⁺22, XRX⁺23, YGD⁺23, YLH⁺24, YHZ⁺23, ZWP⁺23]. **Intestine** [HSZ⁺22, SBS⁺23, XYL⁺23]. **Intraovarian** [UDG⁺19]. **Introducing** [XQLA18].

Introduction [EFQ23, GTC⁺17, SBT22, Sor21]. **Introggression** [VMBT24]. **Intubated** [JCR⁺22]. **Invaded** [FGR19]. **Invader** [KKB20]. **Invasive** [BEG⁺23, dRCCLRNRWK21, CFLK21, DMB⁺20, EFG⁺23, Gre17, HVRCG18, KAB⁺20, KAR⁺23, LUM18, LV23, NHR20, Sor21, Sus20, WWD⁺23, YWDP21, ZS21]. **Invasiveness** [BSR⁺20]. **Invasives** [HDW⁺23]. **Invasivorism** [BGT⁺20]. **Invertebrates** [DPGFL⁺22]. **Investigating** [AGC23, YSY⁺23]. **Investigation** [SMH⁺24, SNZ⁺23, WXL⁺23]. **Ionian** [LV23]. **Ionic** [Ord19]. **Ionoregulatory** [CLL⁺23b]. **IPS** [LSJ⁺23]. **Iran** [SKD⁺23]. **Iridovirus** [AVT18]. **Iridoviruses** [JJK21]. **Iron** [LSJ⁺23]. **Irradiated** [HGSE23]. **Irradiation** [LSY⁺23]. **Island** [EFG⁺23, KSAB⁺23, LZL⁺23, SQ23, SLL22]. **Islands** [FPRAT⁺23, JFP⁺18, CLL⁺22, CSSMV⁺23, LSJ24, TCB⁺24]. **Isolated**

[JJK21]. **Isolation** [QXAY22, VCL20, WFX+23, XXL+22]. **Isotope** [DL23]. **Isotopic** [BFM23, FWJ21]. **Israel** [FGBA+23]. **Issue** [Moy18, Sor21]. **Issues** [QL22, VMBT24]. **Isurus** [VV23]. **itajara** [AKM23, Tri23]. **Italy** [MDF+23, SAL18]. **Itapocu** [CFM+23]. **IV** [FYL+23]. **Ivory** [DLL+22].

Jack [BS23, FGHYCA23]. **Jackson** [PHB+23]. **Japan** [LOT+22]. **Japanese** [HXY+23, IKT19, MLK+19, MU21, SLYY23, YLW+23b, ZLZ+22]. **japonica** [JKP+23, MLK+19, SLYY23]. **japonicus** [CKMT23, CPJK23a, CPJK23b, FYL+23, HXY+23, KMSO18, SKK+23, YBL+22]. **Java** [MMSK21, ST17]. **Jaw** [TRM+23]. **Jeldes** [GLH+23]. **Jellyfish** [EEEdCSOPJ+23]. **Jenyns** [BSR+20]. **Jian** [CXW+23, XCW+23]. **Jigger** [SZT+23]. **Jigging** [FYH+23]. **Jinjiang** [GLY+23, WLC+23]. **Jinshaia** [LZC+23b]. **Johnston** [LL22]. **Journal** [Est16]. **JTED** [CLL23a]. **Jumbo** [HZL+22, ZXY+24]. **June** [LXT+22]. **Juvenile** [ASM+22, ALNVDG+22, BF16, CSR22, DOB+17, DZC+22, FÅG+23, GWH+22, GZF+22, HS18, IM24, KBCM19, KKFC+23, LHX+23, LWS+23b, Näs18, RJMVC+18, SBS+23, SCCM23, SBB+19, ULR+23, WLW+23, WLL+23, WHX+23, WSA+23, WSE+21, WWY+23, ZWZ22, ZYG+23, ZWP+23, ZJC+22a, dAdSCC+23, CLL23a]. **Juveniles** [AASQPU+23, BKBR+23, FDM+23b, GRKC19, INCD23, LXT+22, MJL+24, MdM+23, MMVVCJ+23, MLH+20, NRÁGPM+18, VPP+22, WLZ+22b].

kanagurta [JTS+24]. **Kariba** [SNZ+23]. **Karun** [SKD+23]. **Katsuwonus** [NIN+19]. **Kelly** [PKSN23a]. **Kenai** [FCT19]. **kenojei** [YCR+23]. **Kessler** [KZC+24]. **keta** [WLL+23]. **Key** [CZW+23]. **Keypoint** [NLTL23]. **Kidney** [JLW+24, MPM+18, SMO+22]. **Killed** [LDD+22]. **Kim** [Kim23a]. **Kin** [Tri23]. **Kinase** [BB23]. **Kingfish** [DBP+20]. **kisutch** [ZYG+23]. **Knowledge** [KSAB+23, PLV+19]. **Known** [HDW+23]. **Koi** [LWT+24, SLC+22, LWT+24]. **Kokanee** [SBT22]. **Kong** [QWY+24]. **Korea** [AMK23, JJK21, JKK+20, KKPYP22, LPK+23b, YCR+23, YJK23]. **Korean** [SKK+23]. **Korill** [NDC+23]. **Kovacic** [KRAFO23]. **Kreff** [LCW23a]. **Krill** [BCG+23]. **Krøyer** [CG20]. **Kyoga** [NGMR23].

L [HFEH+23, RDE+23, ZJC+22b]. **L**. [AGC23, BAP22, CCCFE18, ERE21, GMBR+21, STZ+23, SSK+22, SSSS23, WLL+22, vKRNL+19]. **Lab** [AJF+22]. **Labeo** [RKHAMM22, SAGG+23]. **Labidochromis** [SSSP21]. **Laboratory** [CBCMRD+23, GGP+23]. **Laboratory-Conditioned** [GGP+23]. **Labour** [TTT23]. **labrax** [ALNVDG+22, CFCE20, FDM+23b, NZVB20, RRM+20, RSA17, SAB+22, VPP+22]. **labrosus** [GMCF+22]. **Lactobacillus** [GCFA+22]. **lactuca** [CdOCH+23]. **Lagocephalus** [CBP+24]. **Lagoon** [AHK+23, AIŠRB22, dRCCLRNRWK21, KKB20, ISA+22]. **Lagoons** [EFG+23, XQLA18]. **Lake** [LXT+22, PVY+21, RJR+22, SGAC20, SMH+22a, VF23, XJC+22, YWDP21, BWKS20, JSSD23, KAB+20, MTPK23, NGMR23, OOGAS23, SAL18, SNZ+23, SVMLP23, WFZ+24, YAS21]. **Lakes** [CH23, SB20, PKSN23a, PKSN23b]. **lalandi** [DBP+20, TRM+23]. **Lamniformes** [VV23]. **Lamprey** [KSO+23, RH19, YAS21]. **lanceolatus** [HAC+23, SZZ+23, YGD+23]. **Land** [LUM18, NGMR23, PNW+22]. **Landings** [RLAE23]. **Landscape** [LUM18]. **Lanka** [JSLE23]. **lanzhouensis** [YZL+23]. **Large** [BFLC19, BSB+23, CTY+21, LTZ+22, SBT22, VKP+24, YWDP21].

Largehead [FYL+23, SKK+23]. **Largemouth** [KKPY22, SJY+22, SHW+23, XYL+23, XXL+22, ZZY+23]. **Larger** [SCSS23]. **Largest** [WFZ+24]. **Larvae** [AJF+22, BKBR+23, CSR22, CFP+23, CCFP19, DMT+19, DDN19, FQÁGTR+17, HIO+19, JKP+23, LWT+24, MVPMAV+22, Mil23, NYS+23, PJPMMV+22, RMSPMC+22, SdSdOSSL23, ŠT19, TRM+23, YAEAB23, Mil23]. **Larval** [BAA+19, CZC23, CHH+23, GP17, GWH+22, MMMNAG23, NYS+23, PSN18, PLV+19, PFM+20, Poi24, WSL+23, dICRMB+22]. **Larviculture** [SIZ+22]. **Late** [PH23]. **Lateolabrax** [HXY+23, LZH+23, WSZ+23, YSG+23]. **Lateral** [PRPW23]. **Latest** [HGC+23]. **latifrons** [RMSPMC+22]. **latipes** [MU21]. **Latvian** [KAR+23]. **lavaretus** [LLKKV20]. **Lawrence** [BMTR23]. **lazera** [AAAF+21]. **LBB** [SLS+22]. **LC** [FYL+23]. **LC-MS** [FYL+23]. **LCDV** [CSB+20]. **Leads** [FM21a]. **Leaf** [HFEH+23]. **Learned** [Sus20]. **Learning** [BEF+23, HARB23a, ILA22, JTS+24, SZT+23, XLC+24]. **Learning-Based** [XLC+24]. **Leaves** [CXW+23]. **Lecithin** [BRB+23, RGVG19]. **Lectin** [CSF+23]. **Legal** [CXL23, XLP23]. **Legislative** [SKSL23]. **lemuru** [SZSW21]. **Length** [BLA+22, CVANRD+21, KZC+24, KSWT22, LFH+23, SGAC20, SLS+22]. **Length-Based** [BLA+22, KSWT22, SLS+22]. **lentillifera** [LMNN21]. **Lentinus** [XYL+23]. **leonina** [KLD+23]. **Lepeophtheirus** [CG20, IR22, IBN+23]. **Leptin** [CZW+23]. **Leptocephali** [Mil23]. **Lessons** [OOGAS23, QWR+23, Sus20, YWDP21]. **Lethal** [LMB+23]. **Lethrinus** [MOW+18]. **Lettuce** [CdOCH+23, SAB+22]. **Leuciscus** [ZLW+23]. **Level** [ATEfA+21, BAA+23]. **Levels** [ASM+22, IM24, MLK+19, MFKS23, NZVB20, SBS+23, SNK+23]. **Liaohe** [ZGY+23]. **Lice** [IBN+23, PSO+19]. **Life** [CTY+21, CMP+20, CS23, DQC+23, JROHVH+23, PMFBI22, QAC23, SMO+23, SMH+22a, VH20, YE20, ZMLFS+20]. **Life-Long** [QAC23]. **Light** [CFCE20, FÁG+23, GRO+17, KBCM19]. **Lightweight** [WYL23]. **like** [YSG+23]. **Limit** [MDLA22, Tri23, ZZW+22]. **Limitations** [Liu24]. **Limited** [SKT23]. **Limiting** [TPN+23]. **Limonene** [dSJC+21]. **Lindseth** [LL18a]. **Line** [CLJ+23, DCL+23b]. **Linear** [EM23]. **Lines** [CSGE23]. **Linnaeus** [CG20, DCR+23, DMA22, FDM+23a, FWJ21, KYB+23, OGMG+17, SAL18, WBK+23, ZJC+22a]. **Linnaeus** [MSRGC+23]. **Lionfish** [BEG+23]. **Lipid** [ASM+22, BRB+23, CXW+23, DL23, DSC+23, EPKV17, GRKC19, LHX+23, RWF+23, RGVG19, WGRM+19, WSD+23, XCW+23, YGD+23, ZSZ+23]. **Lipids** [MKN+16, MNP+16, SNSG+19]. **Lipopolysaccharide** [SOW+23, ZHF+22a]. **Lipped** [GMCF+22]. **Liquid** [JSLE23]. **Literature** [AHL19, CG20, CS23, DDG+22, GSK+21, WWD+23]. **Lithobates** [MTHPJS+23]. **Lithuanian** [AIŠRB22, ISA+22]. **Litopenaeus** [CdOCH+23, EAE+23, HSAF+23, LXW+24, LSL+24, LMNN21, SHT23, SEA+23, WPLK23, YHZ+23, ZLL+23, ZWD+23]. **Live** [DDN19, DZC+22, VH20]. **Livelihoods** [SRHCO23]. **Liver** [CZW+23, CBK+21, FMBPC+23, MMVVCJ+23, MTHPJS+23, MKN+16, SBS+23, SNK+23, WLL+22, XYL+23, ZJM+23, ZZY+23]. **Livestock** [GMRJ22, NLTL23]. **lividus** [SSSP21]. **Loach** [ZSL+23]. **Loaches** [FŠS+23, GWH+22]. **Lobster** [MMSK21]. **Local** [dSCFQB+23, HLK+23, KAB+23, KYB+23, MLH+20]. **Localization** [ZAM+23]. **Locally** [EMFZ+18]. **Lock** [ZS21]. **Locks** [ZS21]. **Locks-and-Dams** [ZS21]. **Locomotor** [OGMG+17]. **Logistic** [RDANPA+24]. **Loins** [EA18]. **Long**

- [BPCC23, CTY+21, DLL+23, KJ22, KBB+21, Näs18, PH23, QAC23, SXQ+22, TRM+23]. **Long-Chain** [TRM+23]. **Long-Short-Term** [CTY+21]. **Long-Term** [BPCC23, DLL+23, KJ22, KBB+21, Näs18, PH23, SXQ+22]. **Longer** [SAL19]. **Longfin** [AASQPU+23, MLK+19]. **longicrura** [KMB18]. **Longline** [WXL+23]. **Longliners** [LSJ24]. **Lophiosilurus** [SdSdOSSL23]. **Loricariidae** [HVRCG18]. **Loss** [LWZ+23, LSY+23]. **Loss-of-Function** [LSY+23]. **Losses** [TVL21]. **Louse** [CG20]. **Low** [DRH18, HMP+24, HWW+24b, MD21, TMD+19]. **Low-Cost** [DRH18]. **Low-Temperature** [HWW+24b]. **Lower** [SLDC23, dSCFQB+23, LHG+23]. **LPS** [SOW+23, WSZ+23, ZHF+22a]. **lucerna** [FDM+23a]. **lucidus** [XZZ+24]. **lucioyperca** [BKBR+23]. **lucius** [FWJ21]. **Lumpfish** [CMP+23, IR22]. **lumpus** [CMP+23, IR22]. **Lutjanus** [CVANRD+21, LGZ+23]. **Lutraria** [LXZ+22]. **luxR** [ZHQ+23]. **Lymphocytes** [RSA17]. **Lymphoid** [RSA17, SMO+22].
- M** [Gae17]. **M74** [VKP+24]. **macdonaldi** [CBCMRD+23]. **Mackerel** [BS23, CKMT23, CPJK23a, CPJK23b, FGHYCA23, MSA24, NNN23]. **maclovinus** [MPM+18]. **Maclura** [dCPRG+21]. **Macroalgae** [YZH+24]. **Macrobrachium** [LSJ+23, XRX+23, ZCT+23]. **Macrocallista** [PSW+23]. **Macronutrient** [MMY+17]. **Macroparasite** [EFG+23]. **Macrophage** [LWS+23a, ZAM+23]. **Macrophages** [ZAM+23]. **macropomum** [dAPAA+24, SBS+23]. **Macroscopical** [BWKS20]. **Macrouros** [XSZ+23]. **mactroides** [GGP+23]. **maculatus** [LZH+23, WSZ+23, YSG+23]. **Madagascar** [And23]. **Made** [BEMC23]. **maenas** [YE20]. **maeoticus** [DDD+23, TPN+23]. **magdalena** [MMMNA23]. **magister** [LOT+22]. **Mahseer** [INCD23]. **Main** [LZL+23, MZA+23]. **Mainstream** [JZX22]. **Major** [AIŠRB22, LWD+23, TJW+22, HIO+19, KJK+23]. **Mako** [VV23]. **malabaricus** [HAC+23]. **Male** [CMP+23, Fed23, FHF23, JSJ+24, PLY+24, QAC23, SLY+21, YMD+21, FHHC23, JCR+22, PYJ+23, SZZ+23, YGD+23]. **male-sign** [FHHC23]. **Male-Specific** [CMP+23]. **Malformations** [BWKS20, TRM+23]. **Malmquist** [ZLF23]. **Manage** [dSSBdS23]. **Management** [APD+23a, APD+23b, DOB+17, DMB+20, KAB+20, LXW+24, MTPK23, PMFBI22, QL22, SKT23, SKSL23, SS23, TOB+23, YSY+23]. **Manager** [TOB+23]. **Mandarin** [LMLH22]. **Mangrove** [QWR+23]. **Manila** [GWH21]. **Manipulation** [GRO+17]. **Mannan** [MVPMAV+22]. **Mannan-Oligosaccharides** [MVPMAV+22]. **Manta** [LCW23a]. **Manual** [VPPF+19]. **Manure** [RDG+20]. **MAPK** [RWF+23]. **Mapping** [CHJ+23, ISA+22]. **Marbled** [WYG+23]. **Margate** [BPO19]. **marginatus** [AGA+21]. **Marine** [CSGE23, CWMX21, DPGFL+22, FDM+23a, HLK+23, Ho22, JLT22, LPF+23, LKJ22, LJP+22, LW18, Mil23, MMAO22, MMD+23, MFKS23, PKY+23, RDANPA+24, RGVG19, SKSL23]. **marinus** [OJC+23]. **marisalbi** [MNP+16]. **Maritime** [BBF22, CXL23]. **Mark** [Tri23, ZJC+22b]. **Marker** [LMLH22]. **Markers** [ARH+23, BAA+19, SdSdOSSL23, WLZ+22a, ZLL+23]. **Market** [IFA+23]. **Marketplace** [BFP+23]. **Marking** [GZF+22]. **Markings** [ZJC+22a]. **Marshall** [LSJ24]. **Marshes** [GTC+17]. **Marteilia** [LPF+23]. **Mask** [PWH+23]. **Mass** [JSLE23, Näs18, STZ+23]. **Mass-Scale** [STZ+23]. **Materials** [DBP+20, DQC+23, TJTV+23]. **Mating** [QAC23]. **Maturation** [EMFZ+18, FHF23, IM24, Web23, ZQLW23]. **Maturing** [MLK+19, vKRNL+19]. **Maturity** [EBRS23, SKK+23]. **max**

[EPKV17]. **maximus** [CWMX21, LWG⁺23, LLW⁺22, TMPP23, WBK⁺23]. **May** [ZZW⁺22]. **Mayotte** [SQ23]. **Meagre** [DDN19, GSHGE18, NTP⁺21, RJMVC⁺18, RJTVC⁺19, TPC⁺23, VMDV⁺22, VPPF⁺19]. **Meal** [ATEfA⁺21, BCG⁺23, CSR22, EPKV17, FLB⁺21, HGC⁺23, HIO⁺19, HMP⁺24, LWT⁺24, NdNFK⁺24b, NdNFK⁺24a, NYS⁺23, RRM⁺20, SCSR22, SAB⁺22, TMD⁺19, ULR⁺23, WGRM⁺19, WLW⁺23, XYC⁺22, XYC⁺23, ZYG⁺23]. **Meal-Induced** [SCSR22]. **Means** [Gae16, Gae17]. **Measure** [Liu24]. **Measurement** [NZVB20]. **Measurements** [BEMC23]. **Measures** [MDF⁺23, MML22]. **Measuring** [MOW⁺18]. **Meat** [CXW⁺23, LVB⁺20]. **Mechanism** [LKU21, WWW⁺24, ZSL⁺23, ZJM⁺23]. **Mechanisms** [ZZ24]. **Medaka** [MU21]. **Media** [ŠT19]. **Mediated** [SFP17, XWR⁺23]. **Mediates** [WLT23]. **Medicago** [CWP⁺21]. **Mediterranean** [AA23, BFB⁺23, DAF⁺22, FPRAT⁺23, GSK⁺21, MMD⁺23, RKS⁺24, SML⁺23a, VV23, AGE⁺18, DCL⁺23a, EFG⁺23, HMVRFD19, LUM18, MLSC⁺23, RDI⁺21, RDE⁺23]. **medits** [KRAFO23]. **Medium** [YHZ⁺23]. **Medium-Sized** [YHZ⁺23]. **megalops** [USRDFO⁺22]. **Meglumine** [MSK⁺21]. **Mekong** [TVL21]. **Melanocortin** [KEA⁺23]. **Melanocortin-4** [KEA⁺23]. **melanopterus** [PKV⁺22]. **melanostomus** [Ang18, KAR⁺23]. **melas** [SMH⁺22a]. **melastomus** [BMMD22, DAF⁺22]. **meleagris** [EEdCSOPJ⁺23]. **Meloxicam** [MSK⁺21]. **Member** [OMC⁺19]. **Members** [WSZ⁺23]. **membranaceus** [PYJ⁺23, XCW⁺23]. **Memory** [CTY⁺21]. **Mentha** [dAdSCC⁺23]. **Mercenaria** [GWH21]. **Mercury** [MMMAG23]. **Meretrix** [FCB⁺21, JXW⁺23]. **Meristics** [GP17]. **Merluccius** [AGC23]. **Mesanophrys** [ZZL⁺23]. **Mesh** [CGY⁺23, YSY⁺23]. **Mesocosms** [NHR20]. **Mesophotic** [HZS⁺21]. **Mesopredator** [LOBTL22]. **Metabarcoding** [AMK23, WFZ⁺24]. **Metabolic** [FYL⁺23, HSZ⁺22, Kim23a, Kim23b, LLS⁺23, MMVVCJ⁺23, dAPAA⁺24]. **Metabolism** [ASM⁺22, FMBPC⁺23, GMBR⁺21, HLZ⁺22, LCWH22, RWF⁺23, RJTVC⁺19, SdSdOSSL23, SZF⁺21, WSD⁺23, WLT23, YGD⁺23]. **Metabolites** [ITG⁺18, MTM⁺19, TPC⁺23, YBL⁺22]. **Metabolome** [TMM⁺18]. **Metabolomic** [FYL⁺23, HWX⁺23]. **Metabolomics** [HWW⁺24b, WGRM⁺19]. **Metabonomic** [LSJ⁺23]. **Metal** [WFZ⁺23]. **Metals** [dRCCLRNRWK21, MS18, RKS⁺24]. **Metamorphosis** [XWW⁺24]. **Metazoan** [SVMLP23]. **Metformin** [SAGG⁺23]. **Methanesulfonate** [CWMX21]. **Method** [AIŠRB22, ILA22, KLD⁺23, LOBTL22, LLW⁺22, SLS⁺22, WMZ⁺22]. **Methods** [BLA⁺22, CG20, KSWT22, RMA⁺18]. **methylisoborneol** [LLKKV20]. **Métier** [LV23]. **Mexico** [APAHBMAG23, SWS22, USRDFO⁺22]. **mg** [ZJC⁺22b]. **mg/L** [ZJC⁺22b]. **Michigan** [JSSD23, PKSN23a, PKSN23b]. **Micro** [EBCM24]. **Micro-** [EBCM24]. **Microalgae** [GMDMT⁺23]. **Microalgae-Supplemented** [GMDMT⁺23]. **Microalgal** [DÁ23, PSW⁺23]. **Microbes** [HWW⁺24b, XRX⁺23]. **Microbial** [HSZ⁺22, HXS⁺23, NWN⁺22, WGRM⁺19, YLH⁺24]. **Microbiological** [HKS⁺18, MAR⁺18, RMA⁺18, SUL⁺23]. **Microbiome** [CBCL23]. **Microbiomes** [HJE⁺23]. **Microbiota** [DBP⁺20, GMCF⁺22, GMDMT⁺23, LHZ⁺23, LCW⁺23b, RCR⁺23, WLZ⁺22b, XLX⁺22, XYC⁺22, XYC⁺23, YLW⁺23a, YBL⁺22, YHZ⁺23]. **Microchemistry** [FDM⁺23a, FJL⁺23, WTC⁺22]. **Microencapsulation** [CBCL23]. **Microflora** [WLW⁺23]. **microphthalmum**

[SNSVFL23]. **Microplastics** [TCB+24]. **Micropogonias** [USRDFO+22]. **Micropterus** [KKPY22, SOW+23, SJY+22, XYL+23, XXL+22, ZSH+23, ZWP+23, ZZY+23]. **Microsatellite** [VMDV+22, WLZ+22a]. **Microscopic** [BMMD22]. **Microscopy** [CCCFE18]. **Microstructural** [GWH+22]. **Microstructure** [CLL+22, DSC+23, LOT+22, YCR+23]. **Middle** [CASMK23]. **Midwestern** [SB20]. **Migrant** [TTT23]. **Migrating** [WLL+23]. **Migration** [LWS+23a, PAMG19, WHY+24]. **Migrations** [EKL+23]. **Migratory** [EMFZ+18, PWH+23, WTC+22, WLL+23]. **Military** [LL22, MTPK23]. **Mineral** [XJC+22]. **Mini** [GMRJ22]. **Mini-Livestock** [GMRJ22]. **Mining** [WHM21]. **Minnows** [LMC21]. **miR** [ZLZ+22]. **miR-200** [ZLZ+22]. **miricola** [WWW+24]. **Misgurnus** [ZSL+23]. **Mississippi** [ZS21]. **Mitigate** [NKC+21]. **Mitigation** [MML22]. **Mitochondrial** [BBCJ23, CZL23, LPK+23a, LPK+23b, SSK+22, WFL+23]. **Mitogenesis** [SOW+23]. **Mitogenome** [PKY+23]. **Mitogenomic** [ZQL+23]. **Mitten** [GLX+23, LWZ+22, LXT+22, LLS+23, PLY+24, PNW+22, WLZ+22a, XXL+24, XJC+22, YMD+21, ZGY+23]. **Mixed** [NNN23]. **MMP** [CL21]. **MMP/TIMP** [CL21]. **MNPs** [EBCM24]. **Mobula** [LCW23a]. **Model** [CKMT23, CTY+21, FCT19, HARB23a, JTS+24, VLCCA+23, WSL+23, XYT23, YHH+20, ZLF23]. **Modeling** [AAN22, DOB+17, FM21b, HWZ21, MMSK21, NRKT19, SWS22, WSL+23]. **Modelling** [CBCMRD+23, WSA+23]. **Models** [CMP+20, MOW+18, RDANPA+24, SHT+23]. **Modifies** [HLZ+22]. **Modify** [BMSG+18]. **Modulate** [DBP+20, WBK+23]. **Modulated** [LS19]. **Modulates** [CSV+19]. **Modulation** [PSO+19, SNSG+19, SMH+22b, VPP+22]. **Molecular** [CFM+23, CASMK23, CSJ+23, EES+23, GP17, LMLH22, LWS+21, MLZ+21, MMD+23, NWN+23, SHW+23, VMBT24, WPLK23, XHC+22, YSG+23, ZHF+22a, ZSZ+23, ZLZL23, ZZ24, ZZC+22]. **molitrix** [MGS+23, PVY+21, RMA+18, ZLZL23, ZJC+22b]. **Molly** [MHZ+23]. **Monahan** [MWPS24]. **Moniliformin** [GTSG18]. **Monitor** [AMK23]. **Monitored** [JZX22]. **Monitoring** [BPCC23, DD23, HBL+22, IKT19, KBB+21, LSY+17, LL18a, LL18b, NLTL23, TKF+18]. **Monogenea** [GMMNRS18]. **Monogeneans** [CSJ+23]. **Montana** [EHGS23]. **Months** [CHJ+23]. **moorei** [DRFCL23]. **morhua** [PH23, SCSS23, YHH+20, vKRNL+19]. **morio** [SWS22]. **Morone** [HCWH20]. **Morpho** [CFM+23]. **Morpho-Molecular** [CFM+23]. **Morphohistology** [MMVVCJ+23]. **Morphological** [CSJ+23, KAB+23, MJL+24, XXL+24, YYH+24, Mil23]. **Morphology** [GP17, SDA23, XLX+22, XYL+23, YGD+23, YHH+20, ZZW+22, ZXH+23]. **Morphometric** [KKB20, KYB+23, MBD+23, NZVB20]. **Morphometrics** [FB22, GP17]. **Morphometry** [FLB+21]. **Mortality** [AVT18, BPOS19, BPO19, LLWW23]. **Moser** [Mil23]. **mossambicus** [MMVVCJ+23, SVMLP23, WLT23]. **Motives** [SKL+23]. **Mouth** [RMSPMC+22]. **Movement** [BSB+23, DSC+19, RGABD20, ZS21]. **Movements** [HMVRFD19]. **Mozambique** [SVMLP23]. **mrigala** [PVY+21]. **mRNA** [MLK+19]. **MS** [BEMC23, CWMX21, FYL+23, JSLE23]. **MS-222** [BEMC23, CWMX21]. **MS/MS** [JSLE23]. **MS4** [YBL+22]. **MSP** [QWR+23]. **mTOR** [LHX+23, ZYG+23]. **Mucin** [BMMD22]. **Mucosal** [CL19, CFCE20, Zac22]. **Mucous**

[BMMD22]. **Mucus** [ERE21, GBT⁺²⁴, ITG⁺¹⁸, LS19, RTBL⁺¹⁸, TMD⁺¹⁹, WML⁺²¹]. **Mud** [RWF⁺²³, ZZL⁺²³]. **Mugil** [ATEfA⁺²¹, EES⁺²³, GL23, GMDMT⁺²³, MABÁMSM22, MBAM19]. **Mugilids** [SFP17]. **Mullerian** [CMP⁺²³]. **Mullet** [ATEfA⁺²¹, EES⁺²³]. **Mulletts** [GMCF⁺²²]. **Multi** [CKMT23, CGY⁺²³, JSLE23, LUM18, WMZ⁺²², WWW⁺²⁴, XJC⁺²²]. **Multi-Class** [JSLE23]. **Multi-Mesh** [CGY⁺²³]. **Multi-Mineral** [XJC⁺²²]. **Multi-Model** [CKMT23]. **Multi-Omics** [WWW⁺²⁴]. **Multi-Parameter** [WMZ⁺²²]. **Multi-Use** [LUM18]. **Multidisciplinary** [SCSR22]. **Multilinear** [KAB⁺²³]. **Multiple** [DSC⁺²³, KCKK23, LFH⁺²³, vSRB⁺¹⁸]. **Multiplex** [KLD⁺²³, VMDV⁺²²]. **Multispecies** [RDG⁺²⁰]. **muricatum** [TCD⁺²¹]. **murphyi** [BS23, FGHYCA23]. **Musca** [HIO⁺¹⁹]. **Muscle** [BMSGs⁺¹⁸, DZC⁺²², FMBPC⁺²³, GRKC19, MTM⁺¹⁹, MDVM⁺²³, WYG⁺²³, ZSQ⁺²¹]. **Mussel** [CLL^{+23b}, MJL⁺²⁴, WGRM⁺¹⁹]. **Mussels** [LPF⁺²³]. **mutica** [SFP17]. **Muxama** [EA18]. **Mycobacteriosis** [HXY⁺²³]. **Myeloid** [SMO⁺²²]. **mykiss** [CBK⁺²¹, CSV⁺¹⁹, DSC⁺²³, HS18, LUM18, LLKKV20, PLC⁺²⁴, SMO⁺²², SCSR22, VAT⁺²³, Web23, YZH⁺²⁴, vSRB⁺¹⁸]. **Myocarditis** [CLJ⁺²³]. **Mystery** [KMS⁺¹⁷]. **Mystus** [MAR⁺¹⁸]. **Mytella** [ZZZ⁺²³]. **Mytilus** [LPF⁺²³, MYY⁺²³, WFL⁺²³].

n [CSJ⁺²³, BFM23]. **NAC_HR** [ZAM⁺²³]. **Naming** [RE21]. **Nan** [TTT23]. **Nan-Fang-Ao** [TTT23]. **Nannochloropsis** [SGG⁺²¹]. **Nano** [EAJ⁺²³]. **Nanocapsule** [RIF⁺²³]. **Nanoparticles** [AEME⁺²³]. **Nanoplastics** [AZY⁺²⁴, CFP⁺²³, EBCM24]. **Nardo** [KMB18]. **nardus** [GMBR⁺²¹]. **Narrow** [NNN23]. **Narrow-Barred** [NNN23]. **Narrowing** [HDW⁺²³, RJMVC⁺¹⁸]. **Naso** [Tay19]. **nasus** [WHY⁺²⁴]. **Natal** [FWJ21, SBT22]. **National** [GASS⁺²², MWPS24, MWPS23]. **Native** [APD^{+23a}, APD^{+23b}, AGE⁺¹⁸, dRCCLRNRWK21, CFLK21, GTC⁺¹⁷, HVRCG18, LMB⁺²³, NHR20, RDE⁺²³, SVMLP23, UH19]. **Natural** [BPOS19, BPO19, JROHVVH⁺²³, MGS⁺²³, ZLX⁺²³]. **Naturally** [MLK⁺¹⁹, SEA⁺²³]. **Nauplii** [SdSdOSSL23]. **near** [LSJ24]. **Necrosis** [LJK⁺²²]. **Nectandra** [SBS⁺²³]. **Needed** [Sha19]. **Negligible** [TMM⁺¹⁸]. **Nematode** [DCL^{+23b}]. **Nemipterus** [AA23]. **Neogobius** [Ang18, KAR⁺²³]. **Neolamprologus** [JHNF24]. **NEON** [MWPS23, MWPS24]. **Neophocaena** [CYL⁺²³, FLX⁺²²]. **Neotropical** [dSSBdS23]. **Neotropics** [PCO⁺²³]. **Nephrotoxicity** [AZY⁺²⁴]. **Neptunea** [ZZT⁺²³]. **Net** [CBP⁺²⁴, MFKS23]. **Nets** [CGY⁺²³, WYL23]. **Network** [MWPS23, MWPS24, WLZ⁺²³, WYL23]. **Networks** [AAN22, CTY⁺²¹]. **Neural** [AAN22, CTY⁺²¹, CMP⁺²⁰]. **Neuro** [MHZ⁺²³]. **Neuro-Immune** [MHZ⁺²³]. **Neuroimmune** [Zac22]. **Neutral** [MLZ⁺²¹]. **Newly** [FGR19]. **News** [SMM⁺¹⁸]. **Next** [HZG⁺²¹]. **Next-Generation** [HZG⁺²¹]. **Niche** [LZL⁺²³, YYW⁺²³]. **Nichols** [FGHYCA23]. **Nicobar** [KSAB⁺²³]. **Nile** [AHK⁺²³, BRB⁺²³, CLJ⁺²³, DCR⁺²³, dSGBdF23, dFBdSG⁺¹⁹, GCFA⁺²², JROHVVH⁺²³, KYB⁺²³, LS19, LDD⁺²², MTPK23, MBL20, NGMR23, NSK⁺²³, PSN18, RIF⁺²³, RHU⁺²³, SAC23, SNZ⁺²³, WCY⁺²⁴, dAdSCC⁺²³]. **niloticus** [PSN18, AEME⁺²³, AHK⁺²³, CLJ⁺²³, DCR⁺²³, dSGBdF23, GCFA⁺²², HLZ⁺²², KYB⁺²³, LS19, LDD⁺²², LHX⁺²³, MMVVCJ⁺²³, MLH⁺²⁰, MBL20, SAC23, WCY⁺²⁴, ZZW⁺²², dAdSCC⁺²³]. **nimbosa**

[PSW⁺²³]. **Ningaloo** [TCD⁺²¹]. **Nitrate** [PLC⁺²⁴]. **Nitrite** [LWS^{+23b}, SHW⁺²³]. **NLRC3** [YSG⁺²³]. **NLRC3-like** [YSG⁺²³]. **NMR** [WGRM⁺¹⁹]. **NMR-Based** [WGRM⁺¹⁹]. **No** [BEF⁺²³, Näs18, PKC⁺¹⁹, SAL19]. **Non** [AGE⁺¹⁸, EM23, GTC⁺¹⁷, LMB⁺²³, LYL⁺²³, LOBTL22, LCX⁺²³, ŠT19, UH19, ZHHO23]. **Non-Conventional** [ZHHO23]. **Non-Destructive** [LOBTL22]. **Non-Dose-Dependent** [LYL⁺²³]. **Non-Indigenous** [GTC⁺¹⁷]. **Non-Linear** [EM23]. **Non-Native** [AGE⁺¹⁸, LMB⁺²³, UH19]. **Non-Specific** [LCX⁺²³]. **Non-Thermal** [ŠT19]. **Nonspecific** [LWZ⁺²²]. **Nonstationary** [HMX⁺²¹]. **Norepinephrine** [LKU21]. **North** [HMX⁺²¹, SMH^{+22a}, GP17, STZ⁺²³, WWD⁺²³]. **Northeast** [WLL⁺²³]. **Northeastern** [HKS⁺¹⁸, AA23, SNSVFL23]. **Northern** [AGC23, AAN22, LOBTL22, YWL⁺²⁴, ZQLW23]. **Northumberland** [EBRS23]. **Northwest** [KMB18, CKMT23, FYH⁺²³, SHT⁺²³, SKF⁺²³]. **Northwestern** [HMX⁺²¹]. **Norwegian** [AJF23]. **Nose** [PBS⁺²²]. **Note** [RE21]. **Notes** [KKB20, Näs18]. **Notothenioid** [MPM⁺¹⁸]. **novacula** [CSSMV⁺²³]. **Novel** [CSF⁺²³, Dul23, NWN⁺²², NWN⁺²³, OMC⁺¹⁹, ZSL⁺²³]. **Novo** [ZSL⁺²³]. **NP** [EBCM24]. **NPUST1** [LCWH22]. **nrDNA** [GWH21]. **Nuclear** [CZC⁺²²]. **Nucleobase** [OMC⁺¹⁹]. **Nucleobase-Ascorbate** [OMC⁺¹⁹]. **Nucleotides** [SCHT23]. **nudiventris** [HCZ⁺²³]. **nudus** [LCW^{+23b}]. **Numeric** [ZS21]. **Nursery** [FJL⁺²³, Gre17, NdNFK^{+24a}, NYS⁺²³]. **Nusa** [HWW^{+24a}]. **Nutrient** [GZX⁺²², LCWH22, NSK⁺²³, YYH⁺²⁴]. **Nutrients** [DDG⁺²², MdM⁺²³, YBL⁺²²]. **Nutrition** [DZC⁺²², HGC⁺²³, MLZ⁺²¹, jMIL23, Pao23, PLV⁺¹⁹, ZZC⁺²²]. **Nutritional** [MABÁMSM22, MBAM19, Moy18, PNW⁺²², RRM⁺²⁰]. **Nutritive** [TJTV⁺²³]. **NW** [KKB20].

Object [LSJ⁺²², LJX⁺²¹, NLTL23]. **Objective** [SKL⁺²³]. **Obligations** [CXL23]. **oblongata** [YZH⁺²⁴]. **obscurus** [GZF⁺²²]. **Observation** [Ang18, MWPS23, MWPS24]. **Observed** [CBANCM⁺²¹]. **Occupies** [YLW^{+23a}]. **Occurrence** [SLYY23]. **Occurring** [THS⁺²²]. **Ocean** [DLL⁺²³, KFS23, PFM⁺²⁰, ZSZSS⁺²², ZXY⁺²⁴, FYH⁺²³, FGHYCA23, GPD⁺²³, KBK⁺²³, KSWT22, LL22, SML^{+23a}, SQ23, SZSW21, SHT⁺²³, SKF⁺²³, SMM⁺¹⁸, WZG⁺²³, YYW⁺²³, YWL⁺²⁴]. **Oceanic** [KSAB⁺²³]. **oceanica** [SGG⁺²¹]. **Ocimum** [VAT⁺²³]. **Octopus** [RGVG19, GRO⁺¹⁷, RGVG19]. **Odontesthes** [GRKC19]. **off** [FGG⁺²², HZL⁺²², ST17, ZXY⁺²⁴]. **officinalis** [OGMG⁺¹⁷]. **Offs** [vSRB⁺¹⁸]. **Offshore** [JLT22, SGANM⁺²⁴, XZZ⁺²⁴]. **Offspring** [AJF⁺²², LMMC⁺²²]. **Oil** [BCG⁺²³, GMBR⁺²¹, MKN⁺¹⁶, SBS⁺²³, dAdSCC⁺²³]. **Oil-Free** [BCG⁺²³]. **Oils** [BSH⁺²³, JBdFS⁺²²]. **Okamejei** [YCR⁺²³]. **oleivora** [MJL⁺²⁴]. **Oligomeric** [WHX⁺²³]. **Oligosaccharides** [MVPMAV⁺²²]. **Oligotrophic** [SBT22]. **olivaceus** [JKK⁺²⁰, YLW^{+23b}, YSY⁺²³]. **Olive** [JKK⁺²⁰, YSY⁺²³]. **Omics** [EBCM24, WWW⁺²⁴]. **Ommastrephes** [XLC⁺²⁴]. **Ompok** [MSB⁺²³, SNK⁺²³]. **Oncorhynchus** [CBK⁺²¹, CSV⁺¹⁹, DSC⁺²³, HS18, LUM18, LLKKV20, PLC⁺²⁴, SMO⁺²², SCSR22, VAT⁺²³, WLL⁺²³, Web23, YZH⁺²⁴, ZYG⁺²³, vSRB⁺¹⁸]. **One** [CBP⁺²⁴, Sha19]. **One-Health** [Sha19]. **Ongrowing** [RGVG19]. **Online** [DD23]. **Onset** [EBRS23]. **Ontogeny** [STZ⁺²³]. **Oogenesis** [RAR⁺¹⁸, UDG⁺¹⁹]. **Oomycete** [PSS⁺¹⁸, XZD⁺²⁴]. **Open** [PSP⁺²², VCC⁺¹⁸]. **Open-Source**

[PSP⁺22]. **Operation** [MTPK23]. **Operations** [PMFBI22, ZS21]. **opercularis** [KZM⁺23]. **Ophidiidae** [CSJ⁺23]. **Ophidiiformes** [CSJ⁺23]. **opilio** [BASBW24]. **Opportunities** [Ho22]. **Opportunity** [BFP⁺23]. **Optimization** [EA18]. **Optimized** [LZC⁺23a, VH20, ZS21]. **Optimizing** [HARB23b]. **Options** [TOB⁺23]. **Oral** [GCFA⁺22]. **oramain** [YLH⁺24]. **orbignyanus** [EMFZ⁺18]. **Orchestrates** [SHW⁺23]. **Orchid** [CZC23]. **Order** [MD21]. **Ordines** [KRAFO23]. **Oregon** [MD21]. **Oreochromis** [AEME⁺23, AHK⁺23, CLJ⁺23, DCR⁺23, EAJ⁺23, dSGBdF23, GCFA⁺22, HLZ⁺22, KYB⁺23, LS19, LDD⁺22, LHX⁺23, MSK⁺21, MMVVCJ⁺23, MLH⁺20, MBL20, PSN18, SAC23, SVMLP23, WLT23, WCY⁺24, ZZW⁺22, ZHHO23, dAdSCC⁺23]. **Organic** [CHZ⁺24, DDD⁺23, LZC⁺23a, SML⁺23b, TJTV⁺23]. **Organisms** [CHZ⁺24, EBCM24]. **Organochlorine** [HKS⁺18]. **Organs** [YLX⁺22]. **Orientation** [LLL⁺23]. **Origins** [FWJ21]. **Ortho** [SBB⁺19]. **Ortho-Phosphate** [SBB⁺19]. **orthoreovirus** [TBPJ23]. **Oryzias** [MU21]. **Osmoregulatory** [RJMVC⁺18]. **Osteobrama** [LBC⁺24]. **Osteogenic** [TCV⁺19]. **Osteological** [STZ⁺23]. **Other** [AJF23, Gae16, Gae17, KZC⁺24, Mil23, MMY⁺17, RAR⁺18, TOB⁺23]. **Otolith** [FDM⁺23a, FB22, FJL⁺23, GP17, MBD⁺23, MDLA22, MLSC⁺23, PSP⁺22, WTC⁺22, ZXH⁺23, ZJC⁺22a]. **Otoliths** [Fer23, Gae16, Gae17, GWH⁺22, GZF⁺22]. **oualaniensis** [CLL⁺22, HSZ⁺22, YWL⁺24]. **Outbreak** [AVT18, JSRE⁺24]. **Outbreaks** [NHC⁺23]. **Output** [TVL21]. **Outputs** [PWCL23]. **Ovarian** [FYL⁺23, LWL⁺23, MLK⁺19, RWF⁺23, RDE⁺23, SMH⁺24, Web23, WHY⁺24, WCY⁺24, WSS⁺19]. **Ovary** [CBK⁺21, FYL⁺23, LWL⁺23]. **ovatus** [GGL⁺23, WLW⁺23]. **Overestimation** [FM21a]. **Overfishing** [PWCL23]. **Overlap** [AGE⁺18]. **Overview** [DMT⁺19, HGC⁺23, MDF⁺23, MZA⁺23, RCL⁺23]. **Overwinter** [WSA⁺23]. **Overwintering** [HBL⁺22]. **Oxidation** [CXW⁺23, DSC⁺23, XCW⁺23]. **Oxidative** [AZY⁺24, CSSMV⁺23, FMXQ23, LGZ⁺23, SSSP21, dAdSCC⁺23]. **Oxidative/Antioxidant** [AZY⁺24]. **Oxygen** [MPM⁺21, RSA17]. **oxygeneios** [WSI⁺19, WSS⁺19]. **oxyrinchus** [VV23]. **Oyster** [dOCCH⁺23, GLY⁺23, IFA⁺23, MSK⁺22, WLC⁺23]. **Oysters** [QWY⁺24].

P [LL18a, JCR⁺22, JK24, NZVB20]. **P-Glycoprotein** [JK24]. **Pabda** [SNK⁺23]. **Pacific** [FYH⁺23, FGHYCA23, KBK⁺23, KSWT22, LL22, SS23, SHT⁺23, SKF⁺23, YYW⁺23, BS23, CKMT23, CdOCH⁺23, CSJ⁺23, EAE⁺23, HMX⁺21, HSAF⁺23, HMP⁺24, KSO⁺23, LZZ⁺22, LSL⁺24, SCHAT23, SRHCO23, SHT⁺23, SKF⁺23, Tay19, TBPJ23, WGW⁺23, ZWD⁺23]. **Pacific-Wide** [LZZ⁺22]. **Packaging** [DQC⁺23, SUL⁺23]. **Paenibacillus** [LCWH22]. **Pagellus** [RJFCJC⁺21]. **Pagrus** [BF16, HIO⁺19, KJK⁺23]. **pagurus** [EBRS23]. **PAHs** [SUL⁺23]. **Palabuhanratu** [MMSK21]. **Palaemon** [HWX⁺23]. **Palizada** [dRCCLRNRWK21]. **pallasi** [MNP⁺16]. **Palliative** [RIF⁺23]. **Palm** [RCR⁺23]. **Pampus** [ZSZ⁺23]. **Panel** [CHW21, VMDV⁺22]. **Pangasianodon** [VH20]. **Pangasius** [VH20]. **Papapouli** [KKB20]. **Para** [SFP17]. **Paradigm** [JHNF24]. **Paragalene** [KMB18]. **parahaemolyticus** [FLR⁺22, LJK⁺22]. **Paralarval** [GRO⁺17]. **Paralichthyidae** [LPK⁺23b]. **Paralichthys** [JKK⁺20, YLW⁺23b, YSY⁺23]. **Parallel** [SML⁺23a]. **paramamosain** [RWF⁺23, ZZL⁺23]. **Parameter** [HARB23b, WMZ⁺22]. **Parameters** [AHK⁺23, CSV⁺19, CBANCM⁺21, DRFCL23, DCR⁺23, EHGS23, EAJ⁺23,

EPKV17, FMXQ23, GL23, GMDMT⁺²³,
 GBT⁺²⁴, HGSE23, JKK24, KAB⁺²³,
 MWZ⁺²³, PKV⁺²², TJTV⁺²³, TMPP23,
 VLCCA⁺²³, ZWZ22]. **Parasite** [ENO21].
Parasites [SVMLP23, XZD⁺²⁴]. **Parasitic**
 [EFQ23, OSM23, Sha19]. **pardalis**
 [HVRCG18]. **Parentage** [LDBL19].
Parental [DPGFL⁺²²]. **Parrotfish** [LV23].
Part [HKS⁺¹⁸, ISA⁺²²]. **Partial**
 [AAAF⁺²¹, MCÁGHA⁺¹⁷, NdNFK^{+24b},
 NdNFK^{+24a}]. **Participation** [EN22].
Partitioning [BSB⁺²³]. **Parts** [AIŠRB22].
Parvalbumin [MBZ⁺²¹]. **parvum**
 [BAS⁺¹⁹, SAHS18]. **Pass** [PRPW23].
Passage [FLFF23, SRBCGV⁺²¹]. **Past**
 [Ols19]. **Patch** [QWR⁺²³]. **Path** [SLL22].
Pathogen [LPF⁺²³]. **Pathogenic**
 [CSGE23, DO24, PSS⁺¹⁸]. **Pathogenicity**
 [DLL⁺²², JJK21, QXAY22, ZHQ⁺²³].
Pathogens [SCHT23, SNZ⁺²³, XZD⁺²⁴].
Pathology [JCY⁺²³]. **Pathway**
 [LHX⁺²³, RWF⁺²³, ZYG⁺²³]. **Pathways**
 [And23, RLB⁺²³]. **Pattern**
 [Kim23a, Kim23b, SLYY23, ZLW⁺²³].
Patterned [SLY⁺²¹]. **Patterns**
 [CASMK23, dSCFQB⁺²³, HMVRFD19,
 IFA⁺²³, MSA24, MWPS23, MWPS24,
 OSM23, RGABD20, SFP17, SAGG⁺²³,
 WSZ⁺²³, dSSBdS23]. **PCR**
 [CMP⁺²³, SPEGMC24, VMDV⁺²²]. **Pearl**
 [FMXQ23, GWH⁺²², WLN⁺²³, SLYY23,
 WTC⁺²²]. **Pejerrey** [GRKC19]. **Pelagic**
 [KSWT22, WGW⁺²³]. **pelamis** [NIN⁺¹⁹].
Pelodiscus [CZC⁺²²]. **Pelteobagrus**
 [JLW⁺²⁴]. **Pen** [RJR⁺²²]. **Penaeus**
 [CBCL23, HXS⁺²³, HZG⁺²¹, NdNFK^{+24a},
 NYS⁺²³, NdNFK^{+24b}]. **Peninsula**
 [LCZ⁺²³, APS⁺²³, SGAC20]. **Pens**
 [NWN⁺²²]. **pentophthalmus** [LPK^{+23b}].
Peppermint [dAdSCC⁺²³]. **Peptide**
 [ZAM⁺²³]. **Peptides** [CAC⁺¹⁷]. **Peracetic**
 [HS18]. **Perca** [CWP⁺²¹, NHR20].
Perception [JLT22]. **Perch**
 [CWP⁺²¹, CCFP19, MTPK23, NGMR23,
 NHR20, Ols19, XZD⁺²⁴]. **Percidae**
 [BAA⁺¹⁹]. **Perciformes** [LPK^{+23a},
 PKY⁺²³, RMSPMC⁺²², WSS⁺¹⁹].
Percocypris [WLZ^{+22b}]. **Performance**
 [ATEfA⁺²¹, ASM⁺²², BCG⁺²³, CMC⁺²⁴,
 EAE⁺²³, GZX⁺²², HARB23b, HFEH⁺²³,
 JSLE23, LMMC⁺²², LCX⁺²³, MWZ⁺²³,
 MMVVCJ⁺²³, PNW⁺²², PAMG19,
 PJPMMV⁺²², PRPW23, dAPAA⁺²⁴,
 RHU⁺²³, RGVG19, SPEGMC24, SBS⁺²³,
 SHT⁺²³, SBB⁺¹⁹, SNK⁺²³, SMH^{+22b},
 TPC⁺²³, ULR⁺²³, VH20, WML⁺²¹,
 WLL⁺²², WSE⁺²¹, XCW⁺²³, YLW^{+23b},
 ZMLFS⁺²⁰, ZWZ22, dAdSCC⁺²³].
Performances [AAAF⁺²¹, EAJ⁺²³,
 FLB⁺²¹, RDE⁺²³, SSSP21]. **Perinereis**
 [GLH⁺²³]. **Period** [SKK⁺²³, WMZ⁺²²].
perryi [YYH⁺²⁴, YYH⁺²⁴]. **Persistent**
 [DK22]. **Perspective**
 [Fed23, HWW^{+24b}, PWCL23, ZZ24].
Perspectives [LV23]. **Perturbs** [RE21].
Peru [ZXY⁺²⁴]. **Peruvian**
 [CPVMA⁺²⁴, HZL⁺²²]. **Pesticide**
 [HKS⁺¹⁸, LMB⁺²³]. **phalaena** [CHH⁺²³].
Pharmacokinetics [MSK⁺²¹]. **Phase**
 [NdNFK^{+24b}, NdNFK^{+24a}]. **PHD**
 [PLJ⁺²³]. **Phenazines** [NWN⁺²²].
Phenethylamine [LWG⁺²³]. **Phenomena**
 [SSSS23]. **Phenotypes** [FHF23].
Phenotypic [BAA⁺¹⁹, EES⁺²³].
Pheromone [LWG⁺²³, SRL⁺¹⁹].
philippinarum [CSF⁺²³, GWH21, LSS⁺²²].
Philippines [MBD⁺²³]. **Phoenix**
 [HGSE23]. **Phosphate** [NSK⁺²³, SBB⁺¹⁹].
Phosphate-Enriched [NSK⁺²³].
Phosphorus [JCR⁺²²]. **Photobacterium**
 [MMD⁺²³]. **Photodynamic** [DO24].
Photoperiod [CPJK23a, CPJK23b, LS19,
 MIHH23, WSD⁺²³]. **Photoperiods**
 [AGA⁺²¹]. **Photophore** [DNP⁺²³].
Photoreceptor [KKPY22]. **Photovoltaic**
 [PNW⁺²²]. **Phragmites** [WLL⁺²²].
Phylogenetic [CZL23, GLY⁺²³, LPK^{+23a},
 LPK^{+23b}, PKY⁺²³, ZLW⁺²³].

Phylogenetical [PYP17]. **Phylogeny** [CASMK23]. **Phylogeographic** [VV23]. **Phylogeography** [WFL+23]. **Physical** [WLW+23]. **Physical-Barrier-Related** [WLW+23]. **Physicochemical** [GLX+23, MAR+18, SUL+23, WDL+23]. **Physiological** [CPJK23a, CPJK23b, DCL+23a, JXW+23, dAPAA+24, RJFCJC+21, ZSZSS+22, vSRB+18]. **Physiology** [BAS+19, LSL+24, jMIL23, PFM+20, SDA23, WWD+23, ZSH+23]. **Phytoplankton** [LSS+22]. **Pieter** [Gae17]. **Pigmentation** [GP17, IBN+23]. **Pike** [Ols19]. **Pikeperch** [BKBR+23, CCFP19, Ols19]. **pilchardus** [BFB+23, MKN+16]. **Pilot** [BMSGs+18, LXT+22, RJMVC+18, ZJC+22b]. **Pimephales** [LMC21]. **pingi** [WLZ+22b]. **pinnata** [DRH18]. **piperita** [dAdSCC+23]. **Pisces** [FGHYCA23, KMS+17, LDBL19]. **Piscidin** [ZAM+23]. **Piscine** [TBPJ23]. **Piscivores** [VF23]. **Piscivorous** [Gre17]. **Pituitaries** [vKRNL+19]. **Pituitary** [CPJK23a, CPJK23b, LWL+23, SNSG+19]. **Pitx** [AHJ+23]. **Place** [RE21]. **Plagioscion** [dAMPS+23]. **Plaice** [BAS+19]. **Plain** [VLCCA+23]. **Plains** [FLFF23]. **Plant** [BCG+23, BSGMC+22, LMC21, MABÁMSM22, MBAM19, XYL+23]. **Plant-Based** [BCG+23]. **plantarum** [GCEA+22]. **Plasma** [CBK+21, JKK24, PBS+22, TPC+23, TMM+18, dAdSCC+23]. **Plasticity** [vSRB+18]. **platessa** [BAS+19]. **Platform** [PSP+22]. **Platichthys** [JKK24]. **plecoglossicida** [SZZ+23, ZHQ+23]. **Pleopod** [YYH+24]. **Pleuronectes** [BAS+19]. **Pleuronectiformes** [LPK+23b]. **Poecilia** [GBT+24, BEF+23]. **Poeciliidae** [UDG+19]. **Points** [BLA+22]. **Polar** [YHH+20]. **Polarization** [ZAM+23]. **Policy** [And23, FCT19, WHM21, XQLA18]. **Pollutants** [DDD+23, Dul23, EM23]. **Poly** [WSZ+23]. **Polyascus** [YMD+21]. **Polychaete** [GLH+23]. **Polyculture** [GZX+22, GSH+24, HSAF+23, LMNN21, NSK+23]. **Polymerase** [CMP+23, KLD+23]. **Polyphenol** [SFK+23]. **Polyphenol-Based** [SFK+23]. **Polyprion** [PPAB+18, PLV+19, WSI+19, WSS+19]. **Polysaccharide** [MNO+22]. **Polysaccharides** [LZH+23]. **Polystyrene** [AZY+24, CFP+23, EBCM24]. **Pomacea** [GMRJ22]. **Pomacentridae** [LDBL19]. **Pomfret** [BLA+22, ZSZ+23]. **Pompano** [GGL+23, WLW+23]. **Pond** [FHHC23, GZX+22, GSH+24]. **Ponds** [DCR+23, GLX+23]. **Ponics** [SAB+22]. **Pool** [HZG+21, PAMG19]. **Poor** [DOB+17]. **Poplar** [RIF+23]. **Population** [ARH+23, AGC23, CTTW23, CH23, CLL+22, FGHYCA23, GFDPSR22, HCWH20, HHL+20, HCZ+23, KBK+23, KAR+23, LCW23a, LDW+21, LOT+22, MDLA22, NTP+21, WLZ+22a, YE20, ZGY+23]. **Populations** [AWCS23, APD+23a, APD+23b, HSZ+22, SML+23a, WWD+23, ZAM+23, ZZZ+23]. **porcus** [SSSS23]. **Porgy** [MMY+17, ZJM+23]. **Porphyra** [LZH+23]. **Porpoise** [FLX+22, LCZ+23]. **Porpoises** [CYL+23]. **Port** [PHB+23]. **Portugal** [Fra23, BSR+20, XQLA18]. **Portuguese** [RLAE23]. **Portunidae** [KKB20]. **Portunus** [LWS+23b]. **portusjacksoni** [PHB+23]. **Pose** [LJX+21]. **Poses** [AA23]. **Position** [LPK+23a, LLW+22]. **Positive** [DDN19, FCF19]. **Possession** [MFKS23]. **Possible** [AGE+18, Dul23, YAEAB23]. **Post** [BCG+23, NYS+23, Poi24, RDI+21]. **Post-Collection** [RDI+21]. **Post-Larval** [NYS+23, Poi24]. **Post-Smolt** [BCG+23]. **Postbiotic** [QPDGF+23]. **Pot** [STZ+23, ZQLW23]. **Pot-Bellied** [STZ+23, ZQLW23]. **Potassium** [BF16, CHZ+24, WSE+21]. **Potato** [FQÁGTR+17]. **Potential** [AA23, AAN22, BSR+20, CSF+23, DCR+23, DPGFL+22,

EAE⁺²³, EES⁺²³, EEdCSOPJ⁺²³, FJL⁺²³, GMDMT⁺²³, GTSG18, HDW⁺²³, JLT22, JLW⁺²⁴, LWG⁺²³, LCWH22, LW18, MHZ⁺²³, MMSK21, NKC⁺²¹, NWN⁺²¹, NWN⁺²², RLAE23, SKF⁺²³, TCB⁺²⁴, VSH23, YZL⁺²³. **Powder** [AEME⁺²³]. **Power** [PNW⁺²²]. **Practical** [CSR22, NYS⁺²³]. **Practices** [LLTM17]. **Prawn** [LSJ⁺²³, NSK⁺²³, VRKV24]. **Prawns** [XRX⁺²³]. **Praziquantel** [IKT19]. **Pre** [HARB23b, SGG⁺²¹]. **Pre-Processed** [SGG⁺²¹]. **Pre-Selection** [HARB23b]. **Precise** [NLTL23]. **Precision** [LWZ⁺²³, Tri23]. **Predator** [AWCS23, AHL19, DMB⁺²⁰, LLY⁺²⁴]. **Predators** [FÅG⁺²³]. **Predatory** [Ols19]. **Predictability** [Gre17]. **Predicting** [ZXY⁺²⁴, ZHF^{+22b}]. **Prediction** [CTY⁺²¹, HARB23b, XLC⁺²⁴]. **Predictors** [FB22]. **Prefabricated** [FLFF23]. **Preference** [MU21, SCSS23, ST17]. **Preferences** [KKB20]. **Preliminary** [BPO19, FB22, GRO⁺¹⁷, GTC⁺¹⁷, GTSG18, IKT19, JSJ⁺²⁴, OGMG⁺¹⁷]. **Premature** [Ord19]. **prenanti** [ZHF^{+22a}]. **Preparation** [TDN⁺²²]. **Preparations** [HIO⁺¹⁹]. **Presence** [LPF⁺²³, TCB⁺²⁴, WGW⁺²³]. **Preservation** [VM19, ZHF^{+22b}]. **Preserved** [WDL⁺²³]. **Pressure** [CZL23, HDW⁺²³, LMB⁺²³]. **Prevalence** [DMT⁺¹⁹, FHF23]. **Prevention** [XLP23]. **Previtellogenic** [WSS⁺¹⁹]. **Prey** [AHL19, CCFP19, LLY⁺²⁴]. **Proanthocyanidins** [WHX⁺²³]. **Probiotic** [CBCL23, HXS⁺²³, LCWH22, WBK⁺²³]. **Probiotics** [GCFA⁺²², JE18, NKC⁺²¹, SAC23, SMH^{+22b}]. **Problems** [OOGAS23]. **Procedures** [ZWD⁺²³]. **Process** [FYL⁺²³, GGL⁺²³, WMD⁺²⁴]. **Processed** [SUL⁺²³, SGG⁺²¹]. **Processing** [EA18, NWN⁺²¹, NWN⁺²², ŠT19, ZWD⁺²³]. **Prochilodus** [MMMNA23]. **Prodigiosin** [NWN⁺²¹, NWN⁺²³]. **Produced** [VAT⁺²³]. **Product** [NDC⁺²³, NWN⁺²², QPDGF⁺²³, SBB⁺¹⁹]. **Production** [FHHC23, IFA⁺²³, LCX⁺²³, MdM⁺²³, NWN⁺²², NWN⁺²³, PSW⁺²³, RDG⁺²⁰, WM22]. **Productive** [AAAF⁺²¹]. **Productivity** [FM21a, HPJ⁺²³]. **Products** [AAAF⁺²¹, ZWD⁺²³]. **Proenkephalin** [LMLH22]. **Profile** [ASM⁺²², HZL⁺²², PBS⁺²², PSW⁺²³, RGVG19]. **Profiles** [DCR⁺²³, GLY⁺²³, SKL⁺²³, XJC⁺²²]. **Profiling** [FYL⁺²³, GGF⁺²², HZZ⁺²³, JCY⁺²³, MKC⁺²², QPDGF⁺²³, SML^{+23a}, SMH⁺²⁴, ZLW⁺²³]. **Profit** [SKL⁺²³]. **Profitability** [AHK⁺²³]. **Progeryonidae** [KMB18]. **Program** [BPCC23, BGT⁺²⁰, KBB⁺²¹, VM19]. **Progress** [HZZ⁺²³]. **prolifera** [YLW^{+23b}, ZWD⁺²³]. **Prolonged** [dAPAA⁺²⁴]. **promelas** [LMC21]. **Promise** [PLV⁺¹⁹]. **Promising** [CLJ⁺²³, CBCL23, LJR⁺²⁴]. **Promote** [BGT⁺²⁰, LWT⁺²⁴]. **Promotes** [BRB⁺²³]. **Promoting** [JBdFS⁺²²]. **Prompts** [Ord19]. **Propagule** [HDW⁺²³]. **Properties** [BMSGs⁺¹⁸, GLX⁺²³, INCD23, MAR⁺¹⁸, MKN⁺¹⁶, RMA⁺¹⁸]. **Propionate** [SSSP21]. **Proposal** [CSJ⁺²³]. **Proposed** [BBCJ23, OOGAS23]. **Prospective** [BAA⁺²³]. **Prospects** [LDW⁺²¹, SS23]. **Prostaglandins** [SRL⁺¹⁹]. **Protease** [DDN19]. **Proteases** [MCÁGHA⁺¹⁷, TDN⁺²²]. **Protected** [JLT22]. **Protection** [CL21, TTT23]. **Protective** [AASQPU⁺²³, NDC⁺²³]. **Protects** [HWW^{+24b}]. **Protein** [BSGMC⁺²², CWP⁺²¹, DSC⁺²³, Eny17, EPKV17, HLZ⁺²², NdNFK^{+24b}, NdNFK^{+24a}, QWY⁺²⁴, SdSdOSS23, SNK⁺²³, XYL⁺²³, YHZ⁺²³, ZHF^{+22a}]. **Protein/Carbohydrate** [BSGMC⁺²²]. **Proteins** [CZW⁺²³, LS19]. **Proteomic** [YMD⁺²¹]. **Protogyny** [MPK⁺²³]. **Protosalanx** [TJW⁺²²]. **Prototype** [EEE21]. **Proven** [LWT⁺²⁴]. **Provide**

[DCL+23b, WTC+22]. **Provides** [CYL+23, WLC+23, ZSL+23]. **Province** [MFKS23, XZZ+24]. **Provincial** [CHW21]. **Proximate** [RGVG19]. **PRV** [TBPJ23]. **PRV-1** [TBPJ23]. **Prymnesium** [BAS+19, SAHS18]. **przewalskii** [ZZ24]. **Przybyla** [PKSN23a]. **Przybyla-Kelly** [PKSN23a]. **PS** [EBCM24]. **Pseudecheneis** [LHG+23]. **Pseudobagrus** [PYJ+23]. **Pseudocaranx** [MNO+22]. **Pseudochromis** [CZC23]. **Pseudochromionini** [CZL23]. **Pseudomonas** [AEME+23, SZZ+23, ZHQ+23]. **Pseudoplatystoma** [JSRE+24, PCO+23]. **Pseudopleuronectes** [BFM23]. **Pseudorhombus** [LPK+23b]. **Pseudosciaena** [CTY+21]. **Psychrobacter** [WBK+23]. **Pterioidea** [ZQL+23]. **Pteriomorphia** [ZQL+23]. **Pteroplatytrygon** [WGW+23]. **Pterygoplichthys** [HVRG18]. **Puerto** [QWR+23]. **PUFA** [TRM+23]. **Puffer** [SLY+21]. **Pufferfish** [KMS+17]. **Puget** [SOT+23]. **pulcher** [JHNF24]. **punctata** [KLD+23]. **punctatus** [FHHC23, KBCM19, QXAY22]. **Puntius** [HHM+18, HKS+18]. **Pupfish** [AWCS23]. **Purpleback** [CLL+22]. **purpuratus** [BÁD+22, CPVMA+24]. **Purse** [XYT23, YYW+23]. **putida** [AEME+23]. **Puzzle** [RE21]. **PYY** [ZSZ+23].

QTL [CHJ+23]. **Quahog** [GWH21]. **Quality** [CWMX21, CMC+24, DQC+23, DCR+23, DSC+23, GL23, GZX+22, HXS+23, HKS+18, JROHVH+23, KŽM+23, LVB+20, LCX+23, LMNN21, MMMNAG23, MSB+23, MIHH23, MGS+23, PKV+22, RAR+18, RHU+23, SBB+19, TKF+18, ZSQ+21]. **Quantitative** [DDG+22]. **Queen** [KŽM+23]. **quelen** [dCPRG+21]. **quinquerediata** [IKT19, MNO+22].

R [dSJC+21]. **R-** [dSJC+21]. **R.** [JTS+24]. **Rabbit** [RDG+20]. **Rabbitfish** [YLH+24]. **Rabbitfishes** [LV23]. **Races** [SML+23a]. **Raceway** [FHHC23]. **Rachycentron** [MKC+22]. **Rafinesque** [DAF+22, RDE+23, VV23]. **Rainbow** [CBK+21, CSV+19, DSC+23, FMBPC+23, HS18, LUM18, LLKKV20, MDVM+23, PLC+24, SMO+22, SCSR22, TKF+18, VAT+23, VF23, Web23, YZH+24, vSRB+18]. **Raised** [BRB+23, JSRE+24]. **Raja** [FPRAT+23, SSK+22, SSSS23, TMPP23]. **Ramirez** [KRAFO23]. **Ramirez-Amaro** [KRAFO23]. **Rana** [XWW+24]. **Randall** [AA23]. **randalli** [AA23]. **Range** [BFLC19, HMVRFD19, RJMVC+18]. **Rapid** [KLD+23]. **Rapidly** [TMM+18]. **Rare** [KMB18]. **RAS** [BHR+23, BKBR+23, LLKKV20]. **Rastrelliger** [JTS+24]. **Rate** [CCFP19, JKP+23, Kim23a, Kim23b, PRPW23, RMSPMC+22, VH20, XWW+24]. **Rates** [MTM+19, SJY+22, WYG+23]. **Rathbun** [KKB20]. **Rating** [IM24]. **Ratio** [BSGMC+22, EPKV17, SKK+23]. **Ration** [IM24]. **Rationale** [FCF19]. **Ratios** [JCR+22, YGD+23]. **Rats** [GLW+22]. **Raw** [DBP+20, TJTV+23]. **Ray** [AFTÁPA+23, FPRAT+23, PKY+23, SNSVFL23, SSK+22, SSSS23, TMPP23]. **Ray-Finned** [PKY+23]. **Rays** [DOB+17, LCW23a, SDA23]. **Razor** [LLY+22]. **Re** [CFM+23]. **Re-Approaching** [CFM+23]. **Reaches** [LLWW23, SLDC23]. **Reaction** [CMP+23, KLD+23]. **Reading** [PSP+22]. **Ready** [WDL+23]. **Ready-to-Eat** [WDL+23]. **Real** [WYL23]. **Real-Time** [WYL23]. **Reared** [AHK+23, ALNVDG+22, BF16, HMP+24, NDC+23, RCR+23]. **Rearing** [BKBR+23, GRO+17, MSB+23]. **Rearrangements** [ZQL+23]. **Reason** [SMM+18]. **Recapture** [Tri23]. **Receivers** [BFLC19]. **Receives** [EBH21]. **Receiving**

[LMC21]. **Receptor**
 [KEA+23, VAT+23, WLT23, YLX+22].
Receptors [CZC+22, WSZ+23].
Recirculating [SIZ+22]. **Recognition**
 [GP17, HARB23a, LWZ+23, SZT+23,
 VPPF+19]. **Recombinant**
 [CZW+23, LTZ+22, SLC+22].
Recommendations [LXW+24].
Reconstruct [GSK+21]. **Reconstruction**
 [LDW+21]. **Record**
 [KRAFO23, dAMPS+23]. **Records**
 [KRAFO23, SQ23]. **Recovery**
 [RJFCJC+21]. **Recreational**
 [FGBA+23, LLTM17, TOB+23].
Recruitment [SMO+23]. **Recycling**
 [NWN+23]. **Red** [EAJ+23, HIO+19,
 HSAF+23, JJK21, KJK+23, LCX+23,
 SWS22, YZH+24, AWCS23, LSY+17].
Redfin [MBD+23]. **Redox** [EAE+23].
Reduce [ALNVDG+22, KSO+23].
Reduced
 [AHJ+23, EvSCB23, SB20, ZZW+22].
Reduces [dSGBdF23]. **Reduction**
 [USRDFO+22]. **Reef**
 [CZC23, LCW23a, QWR+23, TCD+21].
Reefs [HYS+21, HLK+23, LL22]. **Reeve**
 [GGP+23]. **Refeeding** [dAPAA+24].
Reference [BLA+22, LWL+23].
Refinement [BKBR+23]. **Reflect**
 [BBCJ23]. **Reflection** [RE21]. **Reflections**
 [CXL23]. **Refrigerated** [DQC+23]. **Refuge**
 [ANA+23]. **Refuges** [LOB+23]. **Regan**
 [ZXH+23]. **Regarding** [JLT22].
Regenerating [VCL20]. **Regenerative**
 [PKC+19]. **Regime** [VH20, dICRMB+22].
Region [BAA+23, FGR19, VV23].
Regional [BBF22, GPD+23, MDLA22].
Regions [IFA+23, LKJ22]. **regius**
 [DDN19, GSHGE18, RJMVC+18,
 RJTVC+19, TPC+23, VMDV+22].
Regression [KAB+23]. **Regulates**
 [YBL+22]. **Regulating** [RWF+23].
Regulation
 [JK24, LKJ22, MLZ+21, PLJ+23, QWY+24,
 WLC+23, WLT23, XHC+22, ZZC+22].

Regulatory
 [EvSCB23, KJK+23, XQLA18, XWR+23].
Reintroduction [EMFZ+18, ZHF+22b].
Reinvasion [SFP17]. **Related**
 [CH23, CBK+21, JLW+24, MYY+23, TU18,
 VF23, WLW+23, WWD+23, WLM+20,
 ZJJ+22, ZHF+22b, vKRNL+19, PSO+19].
Relatedness [NTP+21]. **Relationship**
 [DBP+20, HWZ21, KZC+24, LCW+23b,
 LYL+23, LWD+23, LFH+23, TRM+23].
Relationships [CZL23, KKB20, SGAC20].
Relative [BEF+23, EHGS23, Näs18].
Released [LLY+24]. **Releasing** [WSI+19].
Relevant [AAB+18]. **Remediation**
 [WCY+24]. **Remedies** [XLP23]. **Remote**
 [BS23, CLZ+24, KSAB+23, ST17, ZCX+22].
Removal [RJR+22, ZS21]. **Removing**
 [HIO+19]. **Repeat** [GWH21]. **Replace**
 [NYS+23]. **Replacement**
 [AAAF+21, CSR22, FLB+21, NdNFK+24b,
 NdNFK+24a, WGRM+19]. **Replacing**
 [ULR+23, XYC+22, XYC+23]. **Report**
 [DLL+22, JSRE+24, UH19]. **Reproduction**
 [DLL+23, GGP+23, HZS+21, LDX+23,
 PLV+19, vKRNL+19].
Reproduction-Related [vKRNL+19].
Reproductive
 [AFTÁPA+23, CHH+23, CPVMA+24,
 DPGFL+22, HHM+18, KJ22, LMC21,
 LHG+23, LMMC+22, MH23, PPAB+18,
 RLB+23, SBP23, SMH+22b, Tri23].
Republic [AHK+23]. **Requirements**
 [Moy18, MMY+17]. **rerio** [CAC+17,
 HFEH+23, LCWH22, Ord19, TU18].
Research
 [DDG+22, LJX+21, LW18, RE21, XLP23].
Reservoir [BFLC19, SBT22, WFZ+23].
Resident [HCWH20]. **Residual**
 [CBANCM+21, LXW+24]. **Residues**
 [HKS+18, JSLE23]. **Resilience**
 [BFP+23, MSK+22, OOGAS23]. **Resistance**
 [AEME+23, EAE+23, HLZ+22, LDD+22,
 SCHAT23, SNK+23, WBK+23, XLX+22].

Resistant [PVY+21]. **Resolution** [BEMC23, MSA24]. **Resolved** [KBK+23]. **Resource** [YSY+23]. **Resources** [PNW+22, dSSBdS23]. **Respiratory** [BAS+19, SSK+22]. **Respirometry** [BEMC23]. **Response** [BAP22, CPJK23a, CPJK23b, CSSMV+23, EM23, EAE+23, EES+23, GSHGE18, GBT+24, GGF+22, HWX+23, HLZ+22, JXW+23, KKPL23, KBCM19, KJK+23, LWZ+22, LWS+21, LCX+23, PYJ+23, QWY+24, RIF+23, SNSG+19, SMO+22, SEA+23, SCCM23, SHW+23, VPP+22, WKB+23, WSD+23, WBK+23, YMD+21, ZSZ+23, ZLZL23, ZHQ+23, ZJM+23]. **Responses** [AWCS23, ALNVDG+22, CLL+23b, dOCCH+23, GLX+23, HMX+21, JKK24, LHX+23, LWS+23b, MCSB+19, MH23, SAC23, ZAM+23, dAdSCC+23]. **Responsive** [CYL+23]. **Restoration** [KAB+20]. **Restored** [SGAC20]. **Restriction** [LMMC+22]. **Results** [GRO+17, OGMG+17, PWH+23]. **Rethinking** [SYL+24]. **reticulata** [GBT+24, BEF+23]. **Retinal** [KKPY22]. **Reunion** [SQ23]. **Reveal** [HBL+22]. **Revealed** [JLW+24, MDLA22, OJC+23, WGRM+19, WWW+24, YMD+21]. **Revealing** [HZL+22, LFH+23]. **Reveals** [FYL+23, TJW+22, WYG+23, WLN+23]. **Revenue** [ATEfA+21]. **Reversal** [JSJ+24, VMS+23]. **Review** [AHL19, BB23, BAA+23, CG20, CLZ+24, CS23, DMB+20, DD23, EM23, EBCM24, EFQ23, GHS20, HMN+22, HVRCG18, IR22, JE18, JK24, KFS23, LZC+23a, LL18a, LL18b, MS20, MML22, RLB+23, RTBL+18, SKSL23, SAC23, SML+23b, VRG+24, WWD+23, YCL+23, ZSZSS+22, ZHHO23]. **Reviewers** [Off18, Off19, Off20, Off21, Off23]. **Rhabdosargus** [HHL+20]. **Rhabdoviruses** [SML+23b]. **Rhamdia** [dCPRG+21]. **Rhincodon** [OSM23]. **rhoifolium** [PSS+18]. **Rhythm** [WLN+23]. **Rhythms** [OGMG+17]. **Ria** [XQLA18]. **Rico** [QWR+23]. **Riddle** [SWUH23]. **Rights** [TTT23]. **ringens** [AAN22]. **Rio** [CASMK23]. **Rise** [BAA+23]. **Risk** [ALNVDG+22, BSR+20, DMT+19, DIL+22, HDW+23, NHC+23, WFZ+23, XLP23]. **Risk-Taking** [ALNVDG+22]. **Risks** [Dul23, Ho22]. **Risso** [GMCf+22]. **River** [AMK23, APS+21, BAA+23, BAA+19, dRCCLRNWRK21, FWJ21, GWH+22, HCWH20, HMVRFD19, LLWW23, LHG+23, MS18, dAMPS+23, SKD+23, SLYY23, WLL+23, WSA+23, WWY+23, AWCS23, CHJ+23, FJL+23, FCT19, HCZ+23, JZX22, LZC+23b, RDE+23, SLDC23, VRKV24, WTC+22, WHY+24, ZS21]. **Rivers** [dSSBdS23, ZGY+23]. **rivoliiana** [AASQPU+23]. **RNA** [AMK23]. **Roanoke** [BAA+19, HCWH20]. **Robot** [WMZ+22]. **Robotic** [NLTL23]. **Rockfish** [SOT+23, SZF+21]. **Rodlet** [DCL+23b]. **rogercresseyi** [PSO+19]. **rohita** [RKHAMM22, SAGG+23]. **Rohu** [RKHAMM22]. **Role** [AASQPU+23, CSF+23, Fra23, LHZ+23, LOB+23, MHZ+23, RIF+23, VM19]. **Roles** [RTBL+18]. **Romanian** [TPN+23]. **Room** [SAL19]. **rosenbergii** [LSJ+23, XRX+23, ZCT+23]. **rostrata** [WHX+23, ZWZ22]. **Rotated** [LSJ+22]. **Rotating** [LJX+21]. **Rotational** [Ang18]. **Round** [AFTÁPA+23, CZC23, KAR+23, PKSN23a, PKSN23b, SNSVFL23]. **Roundjaw** [KBK+23]. **Routes** [CFP+23, LDD+22]. **RSIV** [KJK+23]. **rubens** [WKB+23]. **Ruditapes** [CSF+23, GWH21, LSS+22, SML+23a]. **Ruff** [RCR+23]. **Ruffe** [NHR20]. **Runoff** [MH23]. **Russell** [AA23]. **Russia** [SKSL23]. **Russian** [AIŠRB22, DD23, RE21]. **ruthenus** [Kim23a, Kim23b]. **S** [LL18a, dSJC+21]. **S-** [dSJC+21].

Saccular [FDM+23a]. **sagax** [SHT+23, SKF+23]. **Sagmariasus** [KKFC+23]. **Saharan** [MML22]. **saida** [YHH+20]. **Sailfin** [HVRCG18]. **Salaam** [MBL20]. **Salamander** [CWW+23, ZHF+22b]. **salar** [CG20, IM24, SGG+21, VKP+24]. **Saleh** [HWW+24a]. **Saline** [BF16]. **Salinities** [CHH+23, RJMVC+18]. **Salinity** [GLY+23, LSL+24, MPM+21, MU21, QWY+24, RJTVC+19, ZSQ+21]. **Salmo** [CG20, IM24, RDE+23, SGG+21, VKP+24]. **salmoides** [KKPY22, SJY+22, XYL+23, XXL+22, ZSH+23, ZWP+23, ZZY+23]. **Salmon** [ANA+23, AHL19, BCG+23, CG20, CS23, FJL+23, FHF23, GLH+23, IR22, IBN+23, IM24, MIHH23, PSO+19, TBPJ23, VKP+24, WLL+23, ZYG+23, CG20, SGG+21]. **salmonicida** [SMO+22]. **Salmonid** [MDF+23, VSH23]. **Salmonids** [HJE+23, LOB+23, WSA+23]. **salmonis** [CG20, IR22, IBN+23]. **Salt** [GTC+17]. **Salts** [CHZ+24]. **Salvelinus** [WGRM+19]. **Sampling** [AHL19, CGY+23, KBB+21, PWH+23, RRG22]. **Sand** [AAB+18]. **Sanda** [KRAFO23]. **Sander** [BKBR+23]. **sapidus** [KKB20]. **saprophyticus** [WFX+23]. **sarba** [HHL+20]. **Sardina** [BFB+23, MKN+16]. **Sardine** [BFB+23, MKN+16, SHT+23, SKF+23]. **Sardinella** [SZSW21]. **Sardinops** [SHT+23, SKF+23]. **Satellite** [CLZ+24, LCW23a, ST17]. **sativa** [CWP+21]. **saxatilis** [HCWH20]. **saylori** [BMOH23]. **SBM** [ZLF23]. **Scale** [BFP+23, BGT+20, CBP+24, HWW+24a, KJ22, LSY+17, MSA24, MFKS23, NWN+22, PSP+22, SKT23, SRHCO23, STZ+23, SNZ+23, ZJJ+22]. **Scale-Up** [NWN+22]. **Scales** [CCCFE18, XLC+24]. **Scallop** [BÁD+22, CPVMA+24, KŽM+23]. **scaphanocephalus** [CSSMV+23]. **Scat** [JSJ+24, LWL+23]. **Scatophagus** [JSJ+24, LWL+23]. **Scatterplot** [ST17]. **Scavenging** [UH19]. **sceleratus** [CBP+24]. **Scenario** [BAA+23]. **Scenarios** [SMO+23]. **Schemes** [NTP+21]. **Schizothorax** [KZC+24, ZHF+22a, ZXH+23]. **schlegelii** [SZF+21, ZJM+23]. **Schliewen** [KRAFO23]. **schrenckii** [JCR+22]. **Sciaenidae** [CBCMRD+23, dAMPS+23, SLS+22]. **Science** [Fer23, FM21b, GSK+21]. **Scientific** [KKPL23, NNL+23]. **scleroptera** [LLWW23]. **Scomber** [CKMT23, CPJK23a, CPJK23b, KMSO18]. **Scomberomorus** [NNN23]. **Scophthalmus** [CWMX21, DDD+23, LWG+23, LLW+22, TPN+23, TMPP23, WBK+23]. **Scoring** [FM21a]. **Scorpaena** [SSSS23]. **Scorpionfish** [SSSS23]. **Screening** [DDD+23, HDW+23, KYB+23]. **scriba** [LOBTL22]. **Sculpin** [CTTW23]. **Scyliorhinus** [BMSGs+18]. **Scylla** [RWF+23, ZZL+23]. **SE** [AIŠRB22]. **Sea** [AIŠRB22, BAA+23, CSB+20, CdOCH+23, CFCE20, CMC+24, DAF+22, GSK+21, HHL+20, JJK21, KMB18, KKB20, KJK+23, LCZ+23, LZH+23, LMNN21, MBD+23, PSO+19, RH19, RSA17, SNSG+19, SSK+22, SAB+22, TMD+19, WKB+23, WSZ+23, WGW+23, WLM+20, XWR+23, YCR+23, YAS21, YSG+23, ZLF23, AA23, BAA+23, BFB+23, BEG+23, CLL+22, DDD+23, HWZ21, HSZ+22, KAR+23, LWD+23, LSY+17, LV23, LOBTL22, LOT+22, MMD+23, MNP+16, NNL+23, Ols19, Poi24, RKS+24, SML+23a, SSSS23, TPN+23, TMPP23, VV23, VKP+24, XSZ+23, YSY+23, ZCX+22]. **Seabass** [FDM+23b, HXY+23, NZVB20, RRM+20, VPP+22]. **Seabream** [BSGMC+22, CCCFE18, CFCE20, ERE21, GMBR+21, HIO+19, MCSB+19, PFM+20, RJFCJC+21, TJTV+23]. **Seafood** [DDG+22, EN22, Sha19]. **Seafood-Borne** [Sha19]. **Seafood-Exporting** [EN22]. **Seagrass** [QWR+23]. **Seahorse**

[STZ+23, ZQLW23]. **Seas** [QL22]. **Seascape** [QWR+23]. **Season** [SMH+24, TRM+23]. **Seasonal** [CBK+21, OGMG+17, VPPF+19, WSD+23]. **Seasons** [ZZT+23]. **Seawater** [MIHH23]. **Seaweed** [HSAF+23]. **Sebastes** [SZF+21]. **Second** [KRAFO23]. **Secretions** [BMMD22]. **Secretary** [LS19]. **Section** [HCZ+23, Hal23]. **Sedative** [dCPRG+21]. **Sedentary** [HMVRFD19]. **Sediment** [GLX+23]. **Sediments** [IKT19, LCW+23b]. **Seed** [MSB+23]. **Segmentation** [LLW+22]. **Seine** [XYT23, YYW+23]. **Selected** [IFA+23, KFS23, PKV+22, ZLL+23]. **Selecting** [TOB+23]. **Selection** [BEF+23, CSF+23, CZL23, HARB23b, LWL+23, MU21, ZHF+22b]. **Selectivity** [LSS+22, YSY+23]. **Selenium** [AZY+24, HWW+24b]. **Semantic** [LLW+22]. **Semen** [MMMAG23, RDI+21]. **Semi** [SXQ+22]. **Semi-Enclosed** [SXQ+22]. **semilaevis** [CL21, LZM+23]. **Seminal** [Mil23]. **Senegal** [BC23]. **Sensing** [BS23, CLZ+24, SGANM+24, ST17, ZCX+22]. **Sensitivity** [BBCJ23, DIL+22]. **Sensitizes** [LSY+23]. **Sensory** [MAR+18, PHB+23, RMA+18]. **Sepia** [OGMG+17]. **Septicemia** [QXAY22, YLW+23a]. **Sequences** [JJK21, WFL+23]. **Sequencing** [HZG+21, MYY+23, TJW+22]. **Sergeant** [LDBL19]. **Seriola** [ASM+22, AASQPU+23, DBP+20, IKT19, JFP+18, MNO+22, TRM+23]. **Seriollella** [RCR+23]. **Serranus** [LOBTL22, MSRGC23]. **Serum** [LHX+23, XLX+22, XYC+22, XYC+23, YLH+24, ZWZ22]. **Services** [ISA+22]. **Sets** [ZS21]. **Setup** [PLC+24]. **Sex** [BEF+23, CMP+23, CBK+21, CPJK23a, CPJK23b, Fed23, JSJ+24, LZM+23, MYY+23, MLK+19, Näs18, PKV+22, SLY+21, SKK+23, SRL+19, VMS+23, ZHF+22b]. **Sex-Differences** [Näs18]. **Sex-Related** [CBK+21, MYY+23, ZHF+22b]. **Sex-Specific** [BEF+23]. **Sexual** [EBRS23, GBT+24, SKK+23, VLCCA+23]. **Sexually** [vKRNL+19]. **Shaanxi** [WWY+23]. **Shading** [DCR+23]. **Shallow** [BSB+23, HZS+21, LOBTL22, SGAC20]. **Shandong** [LCZ+23]. **Shape** [LFH+23, MBD+23, MDLA22, MLSC+23]. **Shaped** [LLL+23]. **Shapes** [QAC23]. **Shaping** [LHZ+23]. **Sharing** [KKPL23]. **Shark** [KSWT22, PHB+23, PKV+22, RKS+24, TCB+24]. **Sharks** [BSB+23, DNP+23, OSM23, SDA23, SMM+18, ZSZSS+22]. **Shelf** [CTY+21, DQC+23, JROHVH+23, ZMLFS+20]. **Shelf-Life** [CTY+21, DQC+23, JROHVH+23, ZMLFS+20]. **Shell** [CL21, CSV+19, DLL+22]. **Shelled** [CZC+22]. **Shellfish** [DD23]. **shevtsovi** [LOT+22]. **Shifts** [AGE+18, OSM23]. **Ship** [HCZ+23]. **Shock** [ZHF+22a]. **Short** [CTY+21, MGS+23, PH23, UH19, WKB+23]. **Short-Term** [MGS+23, UH19, WKB+23]. **Shortfin** [VV23]. **Shoshone** [CTTW23]. **Shrimp** [AAAF+21, APAHBMAG23, CdOCH+23, CBCL23, EAE+23, HSAF+23, HMP+24, JSLE23, LJK+22, LXW+24, LSL+24, LMNN21, NWN+21, PMFBI22, SCHAT23, SEA+23, TVL21, WPLK23, WDL+23, ZLL+23, ZWD+23]. **Siavonga** [SNZ+23]. **Siberian** [AVT18]. **Sichuan** [LDX+23]. **Sicily** [FGG+22]. **Side** [RCL+23]. **sieboldii** [LXZ+22]. **Siganus** [YLH+24]. **sign** [FHHC23, PYJ+23, SZZ+23, YGD+23]. **Signaling** [RWF+23, WPLK23, ZYG+23]. **Signalling** [VPPF+19]. **Signature** [MDLA22, VKP+24]. **Signatures** [FYL+23]. **Significantly** [NKC+21, VH20]. **Silage** [MdM+23]. **Silico** [SPEGMC24]. **Silkrose** [MNO+22]. **Silkworm** [MNO+22]. **Silkworm-Derived** [MNO+22]. **Silky** [SMM+18]. **Siluriformes** [CFM+23, CASMK23]. **Siluriforms**

[LHG⁺23]. **Silurus** [YZL⁺23]. **Silver** [DRH18, HHL⁺20, MGS⁺23, dAMPS⁺23, RMA⁺18, SRL⁺19, ZSZ⁺23, ZLZL23]. **Silvery** [MMY⁺17]. **Silvery-Black** [MMY⁺17]. **Simojoki** [FJL⁺23]. **Simplified** [MU21]. **Simulated** [CWMX21]. **Simulating** [SMO⁺23, WSA⁺23]. **Simulation** [HYXY23, ZS21]. **sinensis** [CZC⁺22, GLX⁺23, JCY⁺23, LWZ⁺22, LXT⁺22, LLS⁺23, LZC⁺23b, PLY⁺24, PNW⁺22, XXL⁺24, XJC⁺22, YMD⁺21, ZLX⁺23, ZGY⁺23]. **Single** [GHS20, SSSP21, SLC⁺22]. **Single-Cell** [GHS20]. **Single-Chain** [SLC⁺22]. **Siniperca** [DZC⁺22, LMLH22, XZD⁺24]. **Sink** [AKM23, SB20]. **Sinogastromyzon** [GWH⁺22]. **Sinonovacula** [LLY⁺22]. **Siphoning** [MLH⁺20]. **Sipunculus** [LCW⁺23b]. **Sisoridae** [LHG⁺23]. **Site** [BBCJ23, IKT19]. **Sites** [BEG⁺23]. **Sitosterol** [TU18]. **Situ** [CYL⁺23]. **Six** [HLK⁺23, MWPS23, MWPS24, RDI⁺21, SLS⁺22]. **Size** [BHR⁺23, BEF⁺23, EBR23, HMVRFD19, HCZ⁺23, SCSS23, YSY⁺23]. **Sized** [YHZ⁺23]. **Skeletal** [MTM⁺19, MDVM⁺23]. **Skin** [CFCE20, CL21, ERE21, GBT⁺24, HJE⁺23, ITG⁺18, LS19, SBS⁺23, TMD⁺19, YHH⁺20]. **Skipjack** [NIN⁺19]. **Slices** [PBS⁺22]. **Slight** [ZSQ⁺21]. **Slope** [PRPW23]. **Sludge** [GLH⁺23]. **Smad3** [FCB⁺21]. **Small** [BFP⁺23, CBP⁺24, DMA22, Gre17, HWW⁺24a, ITG⁺18, MFKS23, SKT23, SRHCO23, SNZ⁺23, TCB⁺24]. **Small-Scale** [BFP⁺23, CBP⁺24, HWW⁺24a, MFKS23, SKT23, SRHCO23, SNZ⁺23]. **Smalleye** [SNSVFL23]. **Smallmouth** [SOW⁺23]. **Smartphone** [JTS⁺24]. **Smartphone-Captured** [JTS⁺24]. **Smith** [OSM23]. **Smoking** [SUL⁺23]. **Smolt** [AHL19, BCG⁺23, MIHH23, VSH23]. **Smoothers** [ST17]. **Snail** [GMRJ22]. **Snapper** [BF16, HWW⁺24a, LGZ⁺23]. **Snappers** [SBP23]. **Snow** [BASBW24, KZC⁺24]. **SNP** [ARH⁺23, HZG⁺21]. **SNPs** [FCB⁺21]. **Social** [AJF23, DCL⁺23a, FCT19, dFBdSG⁺19]. **Social-Ecological** [FCT19]. **SOCS6** [WPLK23]. **SOCS7** [WPLK23]. **Sodium** [SSSP21]. **Soft** [CZC⁺22]. **Soft-Shelled** [CZC⁺22]. **solandri** [GPD⁺23]. **solani** [EAE⁺23]. **Soldier** [CSR22, LWT⁺24, NYS⁺23, YAEAB23]. **Sole** [CZW⁺23, LZM⁺23]. **Solea** [SMO⁺23]. **Solenaiia** [MJL⁺24]. **Solenocera** [WDL⁺23]. **Soles** [SMO⁺23]. **Solid** [FDM⁺23b, MABÁMSM22]. **Solid-State** [FDM⁺23b, MABÁMSM22]. **Solids** [CdOCH⁺23]. **Solubles** [FDM⁺23b]. **Solutions** [Dul23, OOGAS23]. **Some** [CHZ⁺24]. **sophore** [HHM⁺18, HKS⁺18]. **sordidus** [LDBL19]. **Sorubim** [JSRE⁺24]. **Sound** [KCCK23, SOT⁺23]. **Soundscape** [LL18a, LL18b]. **Soundscapes** [ZSH⁺23]. **Source** [AKM23, Eny17, GSH⁺24, PSP⁺22, SB20, WFZ⁺24]. **Source-Sink** [SB20]. **Sources** [RHU⁺23, YHZ⁺23]. **South** [CTTW23, CASMK23, LWD⁺23, MFKS23, YCR⁺23, CLL⁺22, FGHYCA23, HSZ⁺22, KYB⁺23, LLTM17, LV23, dAMPS⁺23, WFZ⁺24, YJK23, ZCX⁺22]. **South-Central** [CTTW23]. **South-Eastern** [CASMK23]. **Southeast** [BS23]. **Southeastern** [BPOS19, BPO19]. **Southern** [APD⁺23a, APD⁺23b, CFM⁺23, Fed23, GFDPSR22, MSA24, MDLA22, NHC⁺23, NIN⁺19, PMFBI22, ST17, ANA⁺23, AFTÁPA⁺23, BMTR23, DAF⁺22, FGG⁺22, HXY⁺23, WLM⁺20, WFZ⁺23, ZVRH23]. **Southwestern** [SQ23]. **Sox2** [LXZ⁺22]. **Sox9** [LXZ⁺22]. **Soy** [BRB⁺23]. **Soybean** [AAAF⁺21, EPKV17, SCSR22, ULR⁺23, XYC⁺22, XYC⁺23, ZYG⁺23]. **sp** [BMOH23, CSSMV⁺23, EAJ⁺23, HMP⁺24, JSRE⁺24, SGG⁺21, ZZL⁺23, ZHF⁺22a]. **Space** [XYT23]. **Space-Time** [XYT23]. **Spain** [DMT⁺19, JFP⁺18]. **Spanish**

[NNN23]. **Sparid** [MMY+17]. **Sparidentex** [MMY+17]. **Sparus** [BSGMC+22, CSB+20, CCCFE18, CFCE20, ERE21, GMBR+21, GMDMT+23, TJTV+23, TMD+19]. **Sparusaurata** [ZMLFS+20]. **Spatial** [BEF+23, DCL+23a, DOB+17, ENO21, JSSD23, LCW23a, LWD+23, MWPS23, MMSK21, MLSC+23, QAC23, ZCX+22, MWPS24]. **Spatio** [MSA24, SKF+23]. **Spatio-Temporal** [MSA24, SKF+23]. **Spatiotemporal** [XLC+24, XYT23]. **Spawning** [BMTR23, CZC23, CHH+23, EKL+23, GFDPSR22, GGP+23, HBG+20, JFP+18, SKK+23, TRM+23, WSI+19]. **Special** [EFG+23, Moy18, Sor21]. **Species** [AMK23, AIŠRB22, AGE+18, AAB+18, APS+21, BBCJ23, dRCCLNRWK21, CFLK21, DCL+23a, DRFCL23, FGBA+23, GP17, HARB23a, HLK+23, HVRCG18, KZC+24, KRAFO23, LWD+23, LVB+20, MD21, MMAO22, MBD+23, Moy18, MMY+17, PKC+19, PLV+19, Poi24, RDANPA+24, RKS+24, SKSL23, SGAC20, SQ23, SKD+23, SEA+23, SOT+23, SLS+22, SLDC23, TCB+24, TMPP23, VM19, VMBT24, VMDV+22, VV23, VKP+24, WZG+23, WWD+23, WFZ+24, XZZ+24, YJK23]. **Specific** [BEF+23, CMP+23, LCX+23, WFZ+23]. **spectabilis** [MTHPJS+23]. **Spectrometry** [JSLE23]. **Spectroscopy** [KAB+23]. **speibonae** [TDN+22]. **Sperm** [PKV+22, RDE+23]. **Sphyraena** [FB22]. **Sphyraenidae** [FB22]. **Spillway** [ZS21]. **Spinach** [LCX+23]. **Spinal** [LKU21, dAMPS+23]. **Spindle** [LLL+23]. **Spindle-Shaped** [LLL+23]. **Spine** [AHJ+23]. **Spine-Reduced** [AHJ+23]. **Spined** [AHJ+23, BEMC23, DLL+23, GMMNRS18, JBK+23]. **Spleen** [SHW+23]. **Splenic** [JCY+23]. **Spore** [PSS+18]. **Sporosarcina** [YBL+22]. **Spot** [XYT23]. **Spotted** [JSJ+24, LZH+23, LWL+23, LMMC+22, WSZ+23, WWW+24, YSG+23]. **spp** [MSK+21, SMO+23, ŠT19, ZHHO23]. **Spread** [Gre17]. **Spring** [BMTR23, ZCX+22]. **Squaliformes** [ARH+23]. **Squalius** [VMBT24]. **Squalomorph** [DNP+23]. **Squalus** [ARH+23]. **squamosissimus** [dAMPS+23]. **Squid** [CLL+22, FYH+23, HZL+22, NWN+22, SZT+23, YWL+24, ZXY+24]. **Squid-Jigging** [FYH+23]. **Sri** [JSLE23]. **SSH** [MABÁMSM22]. **ssp** [BWKS20]. **SSR** [ZLL+23]. **St** [BMTR23]. **Stable** [DL23]. **Stabling** [GGF+22]. **Stage** [CS23, JKP+23, KMS+17, Kim23a, Kim23b]. **Stages** [CZC+22, CMP+20, LWL+23, MPM+21, VH20, WSS+19, XRX+23, ZCT+23]. **Standard** [CVANRD+21]. **Standardization** [SHT+23]. **Standing** [Tay19]. **Staphylococcus** [WFX+23]. **Star** [WKB+23]. **Starch** [FQÁGTR+17]. **Starry** [JKK24]. **State** [FDM+23b, MABÁMSM22]. **States** [CXL23, BPOS19, BPO19, HCWH20]. **Stations** [SRBCGV+21]. **Statistical** [Liu24]. **Stanolith** [LOT+22]. **Status** [AEME+23, ASM+22, EAE+23, FPRAT+23, HFEH+23, LKD22, LWS+23b, LSJ24, MMAO22, RIF+23, RHU+23, SBP23, SAL18]. **Steindachner** [DRFCL23]. **stellatus** [JKK24]. **Steroidogenic** [MLK+19]. **Steroids** [MLK+19, PKV+22]. **Sterol** [TU18]. **Sthenoteuthis** [CLL+22, HSZ+22, YWL+24]. **Stichaeidae** [LPK+23a]. **Stickleback** [BEMC23, DLL+23, GMMNRS18, MH23, SAL18]. **Sticklebacks** [AHJ+23, JBK+23]. **Stimulated** [SMO+22, SOW+23]. **Stimulation** [dSGBdF23]. **Stimulator** [CWW+23]. **Stimuli** [GGP+23]. **STING** [CWW+23]. **Stingray** [RGABD20, WGW+23]. **Stochastic** [APAHBMAG23]. **Stock** [AGC23, BLA+22, BFB+23, CKMT23, ENO21, FGG+22, GFDPSR22, HHL+20,

SWS22, SLS⁺22, TOB⁺23, USRDFO⁺22]. **Stocked** [MGS⁺23]. **Stocker** [FHHC23]. **Stocking** [AHK⁺23, BHR⁺23, dSGBdF23, LSL⁺24, MSB⁺23, SIZ⁺22, ZWP⁺23, ZJM⁺23]. **Stocks** [AIŠRB22, FM21a, NTP⁺21, VKP⁺24, ZXH⁺23]. **Stomach** [OJC⁺23]. **Stomolophus** [EEEdCSOPJ⁺23]. **Storage** [CTY⁺21, MAR⁺18, WDL⁺23]. **Story** [TCD⁺21]. **Strain** [AJF⁺22, LJR⁺24]. **Strains** [KYB⁺23, ZLL⁺23, ZZY⁺23]. **Strait** [SZSW21]. **Strategies** [AHL19, GMMNRS18, HZL⁺22, SKSL23]. **Strategy** [AHK⁺23, NRKT19]. **Stream** [LMC21, LOB⁺23]. **Streams** [MD21, SBT22, UH19]. **Strengths** [CS23]. **Streptococcus** [GGL⁺23, GCFA⁺22, GYH⁺23, HLZ⁺22, LCWH22, LDD⁺22, PSN18, RIF⁺23]. **Streptomyces** [TDN⁺22]. **Stress** [AASQPU⁺23, BHR⁺23, CPJK23a, CPJK23b, CSSMV⁺23, DCL⁺23a, FMXQ23, FLR⁺22, GLY⁺23, GSHGE18, GGF⁺22, HMP⁺24, KJ22, LGZ⁺23, LWG⁺23, LWS⁺23b, LSL⁺24, MWZ⁺23, MDVM⁺23, MCSB⁺19, Ord19, PLY⁺24, QWY⁺24, SGANM⁺24, SHW⁺23, WMZ⁺22, ZLZL23, dAdSCC⁺23]. **Stress-Protective** [AASQPU⁺23]. **Stressed** [LMMC⁺22]. **Stressors** [WKB⁺23, vSRB⁺18]. **strigata** [ZZZ⁺23]. **Striped** [AHL19, HCWH20, HBL⁺22, SIZ⁺22]. **Stripping** [MLH⁺20]. **Stroke** [KBCM19]. **Stroma** [SMH⁺24]. **Strontium** [GZF⁺22, ZJC⁺22a]. **Structural** [EEEdCSOPJ⁺23]. **Structure** [ARH⁺23, ANA⁺23, CTTW23, CVANRD⁺21, CLL⁺22, CBANCM⁺21, HSZ⁺22, HCZ⁺23, KMS⁺17, LWZ⁺22, LOT⁺22, MDLA22, NTP⁺21, RJR⁺22, WLL⁺22, WFL⁺23, YHZ⁺23, ZLL⁺23, ZGY⁺23]. **Structures** [ALNVDG⁺22, UDG⁺19, ZJC⁺22b]. **Studied** [BAP22]. **Studies** [CLJ⁺23, DD23, EBCM24, LWL⁺23, PWH⁺23, SOW⁺23, SB20]. **Study** [AEME⁺23, BMSGs⁺18, BEG⁺23, CZCW23, CMC⁺24, FM21a, FCF19, GLW⁺22, Ho22, HAC⁺23, Kim23a, Kim23b, KAB⁺20, LLL⁺23, LXT⁺22, MSRGCG⁺23, MDF⁺23, MFKS23, NNL⁺23, PAMG19, RJMVC⁺18, RJFCJC⁺21, SHT⁺23, TMD⁺19, TTT23, XLC⁺24, XYT23, ZMLFS⁺20, ZHF⁺22b, ZJC⁺22a, ZJC⁺22b]. **Studying** [FCT19]. **Sturgeon** [AVT18, HCZ⁺23, JCR⁺22, Kim23a, Kim23b, LVB⁺20, WFX⁺23, ZLX⁺23]. **Sub** [LMB⁺23, MPM⁺18, MML22]. **Sub-Antarctic** [MPM⁺18]. **Sub-Lethal** [LMB⁺23]. **Sub-Saharan** [MML22]. **Subarctic** [AHJ⁺23]. **Subchronic** [GLW⁺22]. **Suboptimal** [BRB⁺23]. **Subsidies** [CHW21]. **Substance** [LYL⁺23]. **Substitution** [EPKV17, WLW⁺23, ZMLFS⁺20]. **Substitutions** [ATEfA⁺21]. **Substrate** [GZX⁺22, GSH⁺24, PRPW23]. **subterranea** [EPKV17]. **subtilis** [CBCL23, GCFA⁺22, XYC⁺22, XYC⁺23]. **Subtropical** [BS23, GL23]. **Subunit** [LTZ⁺22]. **Success** [HMN⁺22, Tri23]. **Successful** [EMFZ⁺18, LDX⁺23]. **Suffering** [YLW⁺23a]. **Suggests** [SML⁺23a]. **Suitability** [FYH⁺23, YWL⁺24]. **Suits** [EEE21]. **Sulawesi** [MFKS23]. **sulcatus** [LHG⁺23]. **Sulu** [MBD⁺23]. **Summer** [VF23, ZCX⁺22]. **Sun** [MAR⁺18]. **Sun-Dried** [MAR⁺18]. **Sunray** [PSW⁺23]. **Super** [VAT⁺23]. **Supplemental** [DRH18]. **Supplementation** [AASQPU⁺23, BRB⁺23, LHX⁺23, TPC⁺23, XYL⁺23, ZWZ22, ZYG⁺23]. **Supplemented** [GMDMT⁺23, GYH⁺23, JKP⁺23, RGVG19]. **Support** [LSJ24]. **Suppressors** [WPLK23]. **Surface** [WLM⁺20]. **surinamensis** [BPO19]. **Surrounding** [LCW⁺23b]. **Surveillance** [RGABD20]. **Survey** [BPCC23, FGG⁺22, TMPP23]. **Survival**

[AGA⁺21, BF16, CHH⁺23, HXS⁺23, JKP⁺23, LWS⁺23b, LMNN21, MPM⁺21, NRÁGPM⁺18, PSS⁺18, PYJ⁺23, RJFCJC⁺21, VF23, VH20, WSA⁺23, ZZW⁺22]. **Susceptibility** [CSB⁺20, FM21a]. **Suspended** [ALNVDG⁺22, CdOCH⁺23, KSO⁺23]. **Sustainability** [AJF23, BFP⁺23]. **Sustainable** [LWT⁺24, Liu24, PMFBI22, PWCL23, QL22]. **Sustainably** [SB20]. **Sweden** [AVT18]. **Swept** [RGABD20]. **SWHAEZ** [KYB⁺23]. **Swimbladder** [DCL⁺23b]. **Swimming** [BSH⁺23, DK22, LMB⁺23, LWS⁺23b, RDE⁺23, VF23]. **Switzerland** [BWKS20]. **Swordfish** [LLTM17, Poi24]. **Swordtail** [Fed23]. **Swordtails** [QAC23]. **Symbiotic** [EAE⁺23]. **Sympatric** [HJE⁺23]. **Synbiotic** [SSSP21]. **Synbiotics** [SFK⁺23]. **Synchrony** [LZZ⁺22]. **Syndrome** [LSJ⁺23]. **Synthesis** [PCO⁺23, WLC⁺23]. **Synthetase** [ZCZ⁺22]. **Synthetic** [WSI⁺19]. **System** [CdOCH⁺23, dRCCLRNRWK21, CMC⁺24, FHHC23, GRKC19, GZX⁺22, GSH⁺24, HCWH20, HPJ⁺23, KEA⁺23, LCX⁺23, LMNN21, MSB⁺23, MWZ⁺23, MU21, MZA⁺23, NLTL23, NRÁGPM⁺18, NSK⁺23, SLC⁺22, SIZ⁺22, ZAM⁺23]. **Systematic** [EFQ23, ZSZSS⁺22, ZHHO23]. **Systematics** [CFM⁺23, LBC⁺24]. **Systems** [JE18, JFP⁺18, LZC⁺23a, MIHH23].

T [RSA17]. **Tachysurus** [HWW⁺24b, PYJ⁺23]. **Tactics** [QAC23]. **Tactile** [dSGBdF23]. **Tag** [HBL⁺22]. **Taibai** [WWY⁺23]. **Tail** [LLL⁺23]. **taimen** [LDX⁺23]. **Taiwan** [Ho22, HHL⁺20, HAC⁺23, TTT23, YLL22]. **Taiwanese** [CLL23a]. **Takalar** [MFKS23]. **Takifugu** [GZF⁺22]. **Taking** [ALNVDG⁺22]. **Tambaqui** [MdM⁺23]. **tambroides** [INCD23]. **Tandem** [JSLE23]. **Tanks** [ALNVDG⁺22, EEE21]. **Tanzania** [MBL20]. **tarda** [WSZ⁺23]. **Targeted** [ITG⁺18]. **Targeting** [ZLZ⁺22]. **Tasmanian** [YWDP21]. **Taste** [LXT⁺22]. **Taxonomic** [PWH⁺23, SLDC23]. **Taxonomy** [CASMK23, Gae16, Gae17, LBC⁺24]. **Technical** [BASBW24, TVL21]. **Techniques** [CLZ⁺24]. **Technological** [BÁD⁺22, LKJ22]. **Technology** [GL23, Pao23, RHU⁺23, WFZ⁺24, YCL⁺23]. **Tegillarca** [PLJ⁺23]. **Tejo** [Fra23]. **Telemetry** [LCW23a]. **Telencephalon** [BEF⁺23]. **Teleost** [MBZ⁺21, PKC⁺19, ZSZSS⁺22]. **Teleostei** [CZL23, CBCMRD⁺23, FŠS⁺23, KLD⁺23, MBD⁺23, SKK⁺23]. **Teleosts** [GTSG18, Mil23, UDG⁺19]. **Temperate** [HMX⁺21, SMH⁺22a]. **Temperature** [BRB⁺23, DK22, FMXQ23, HZS⁺21, HMP⁺24, HWW⁺24b, HLZ⁺22, MAR⁺18, MPM⁺21, MDVM⁺23, PLY⁺24, PLC⁺24, PHB⁺23, SML⁺23a, SNSG⁺19, SMO⁺23, WSA⁺23, WLM⁺20, WLZ⁺22b]. **Temperatures** [CHH⁺23, WML⁺21, ZZW⁺22]. **Temporal** [BMTR23, ENO21, MSA24, SKF⁺23, SLYY23, ZCX⁺22]. **Temporally** [LS19]. **Ten** [LKJ22]. **Tench** [CSR22]. **Tenggara** [HWW⁺24a]. **Term** [BPCC23, CTY⁺21, DLL⁺23, KJ22, KBB⁺21, MGS⁺23, Näs18, PH23, SXQ⁺22, UH19, WKB⁺23]. **Test** [CHW21, JHNF24]. **Testing** [Dul23]. **Tests** [SPEGMC24]. **Tetrabromobisphenol** [vKRNL⁺19]. **Tetraodontidae** [KMS⁺17]. **Tetraselmis** [SGG⁺21]. **Text** [WHM21]. **Texture** [BMSGs⁺18, KMSO18, KKFC⁺23]. **Thai** [DRH18]. **Thaw** [DSC⁺23]. **thazard** [ZCX⁺22]. **Their** [BMMD22, Fer23, FLR⁺22, KJK⁺23, LWD⁺23, MMVVCJ⁺23, MFKS23, PYP17, SDA23, TDN⁺22, WSZ⁺23]. **Therapy** [DO24]. **Thermaikos** [KMB18]. **Thermal** [GGF⁺22, HMP⁺24, LOB⁺23, SCS23, SSSS23, ŠT19, dICRMB⁺22]. **Thermally**

[CFLK21]. **Thiamine** [VKP+24]. **Thick** [GCMCF+22]. **Thick-Lipped** [GCMCF+22]. **thori** [GP17]. **Thornback** [FPRAT+23, SSK+22, SSSS23, TMPP23]. **Threadfin** [AA23]. **Threat** [AA23, EES+23, GTSG18, HVRCG18]. **Threatened** [SKSL23, SNSVFL23]. **Three** [BEMC23, BEG+23, DLL+23, GMMNRS18, JBK+23, MBD+23, SHT+23, SCCM23, YLH+24, YHZ+23, ZWD+23]. **Three-Spined** [BEMC23, DLL+23, GMMNRS18, JBK+23]. **Threespine** [SAL18]. **Threshold** [PWCL23]. **Throughout** [SNSG+19]. **Thun** [BWKS20]. **Tibet** [LHG+23]. **Tigris** [MS18]. **Tilapia** [AHK+23, BRB+23, CLJ+23, EAJ+23, EvSCB23, dSGBdF23, dFBdSG+19, GCFA+22, GYH+23, HLZ+22, JROHVH+23, KYB+23, LS19, LDD+22, LHX+23, LCX+23, MSK+21, MMVVCJ+23, MLH+20, MBL20, NGMR23, NHC+23, NSK+23, PSN18, PVY+21, RIF+23, RHU+23, EEE21, SAC23, SNZ+23, WLT23, WCY+24, ZZW+22, ZHHO23, dAdSCC+23, DCR+23, SVMLP23]. **TiLV** [PVY+21]. **Time** [BMTR23, HYXY23, MIHH23, SGAC20, WYL23, XYT23]. **TIMP** [CL21]. **Tinca** [CSR22]. **tinctoria** [dCPRG+21]. **Tissue** [AEME+23, BB23, GRKC19, LWZ+22, MSK+21, Näs18, PNW+22, dAPAA+24, WLL+22, ZZL+23, ZZY+23]. **Tissues** [LZM+23, RSA17, RKS+24, ZZT+23]. **Tocopherol** [AASQPU+23]. **Todougba** [AHK+23]. **Toho** [AHK+23]. **Toho-Todougba** [AHK+23]. **Tolerance** [ZZW+22]. **Tonga** [VK23]. **Tongue** [CZW+23, LZM+23]. **Tool** [CLJ+23, SMO+23, TOB+23]. **Tool-Box** [TOB+23]. **Tools** [SKSL23]. **Top** [MMAO22]. **Top-Fished** [MMAO22]. **Topic** [Sor21]. **Tor** [INCD23]. **Torquigener** [KMS+17]. **Total** [CdOCH+23]. **Totoaba** [CBCMRD+23]. **Toxic** [CFP+23, GMBR+21, JKK24, RKHAMM22]. **Toxicity** [BBCJ23, EBCM24, GLW+22]. **Toxicology** [CMP+20, WWD+23]. **Trace** [RKS+24]. **Tracers** [OSM23]. **Trachinotus** [GGL+23, WLW+23]. **Trachurus** [BS23, FGHYCA23, MSA24]. **Tract** [TCB+24]. **Trade** [vSRB+18]. **Trade-Offs** [vSRB+18]. **Traditional** [EA18, SUL+23, SLL22, TKF+18]. **Trait** [AGE+18, SFP17, YYH+24]. **Trait-Mediated** [SFP17]. **Traits** [CSB+20, CHJ+23, FCB+21, SMO+23, XWW+24]. **Trammel** [CGY+23]. **Transcription** [CBK+21, SHW+23]. **Transcriptional** [PLJ+23, SML+23a]. **Transcriptome** [CYL+23, CLL+23b, DAHM19, FLX+22, GGL+23, JLW+24, JCY+23, MYY+23, MPM+18, PYJ+23, PLY+24, RWF+23, SDA23, SLY+21, TJW+22, WYG+23, WCY+24, ZJJ+22, ZZT+23, ZZ24, ZSL+23, ZJM+23]. **Transcriptome-Based** [ZJM+23]. **Transcriptomic** [HWX+23, JXW+23, WLN+23, WSS+19, ZCT+23, ZZY+23]. **Transcriptomics** [YHH+20, ZHF+22b]. **Transcripts** [ZLSB22, ZHF+22b]. **Transfer** [JTS+24, MIHH23]. **Transgenic** [GLW+22]. **Transient** [HMVRFD19]. **Transmissibility** [LJK+22]. **Transmission** [GMMNRS18, VCC+18]. **Transport** [CWMX21, FMXQ23, LGZ+23]. **Transporter** [MLZ+21, OMC+19]. **Trap** [RH19]. **Traps** [BASBW24, RH19]. **Trash** [CLL23a]. **Trawl** [CLL23a, FGG+22, PMFBI22, TMPP23]. **Treated** [PBS+22]. **Treatment** [LMC21, NDC+23, PKV+22]. **Trematode** [CSSMV+23]. **Trematomus** [GGF+22]. **Trends** [FM21b, Ols19, Piz22, SOT+23]. **Trevally** [MNO+22]. **Trial** [JSJ+24]. **Tribe** [KSAB+23]. **Tributary** [SBT22]. **Trichiuridae** [SKK+23]. **Trichiurus** [FYL+23, SKK+23]. **Trichomycteridae** [CFM+23, CASMK23]. **Trichomycterine**

[CASMK23]. **tridentatus** [KSO+23]. **Triggered** [RE21]. **Trilostane** [JSJ+24]. **Trionyx** [JCY+23]. **Triple** [RDANPA+24]. **Triploid** [GLW+22, MLZ+21, XHC+22, ZZC+22, ZSL+23]. **Triplophysa** [LLWW23]. **Trisopterine** [Gae16, Gae17]. **Triticum** [WLL+22]. **trituberculatus** [LWS+23b]. **Trophic** [GPD+23]. **Tropical** [FQÁGTR+17, MPM+21, MVPMAV+22, NRÁGPM+18, PJPMMV+22, PKV+22, QWR+23, SFP19, SBP23, WFZ+23, dICRMB+22, KSWT22]. **tropicus** [FQÁGTR+17, MPM+21, MVPMAV+22, NRÁGPM+18, PJPMMV+22, dICRMB+22]. **Trout** [APD+23a, APD+23b, CBK+21, CSV+19, DSC+23, FMBPC+23, FÁG+23, HS18, KZC+24, LUM18, LLKKV20, MD21, MDVM+23, Näs18, PLC+24, RDI+21, RDE+23, SMO+22, SUL+23, SCSR22, TKF+18, UH19, VAT+23, VF23, VMS+23, Web23, YZH+24, vSRB+18]. **TRPV1** [VAT+23]. **True** [FŠS+23, SMO+23]. **Trust** [IR22]. **trutta** [RDE+23]. **Trypanorhynch** [PYP17]. **Tryptophan** [GSHGE18, TPC+23]. **tubiashii** [DLL+22]. **tulipa** [MSK+22]. **Tumor** [CSGE23]. **Tuna** [DL23, EA18, HYXY23, LSJ24, NIN+19, PBS+22, ST17, THS+22, VK23, WZG+23, WLM+20, XYT23, YYW+23, ZCX+22]. **Turbidity** [HV24, JBK+23]. **Turbot** [CWMX21, DDD+23, LWG+23, LLW+22, TPN+23, TMPP23, WBK+23]. **Turbulence** [WMD+24]. **Turnover** [BFM23]. **Turtle** [CZC+22, KSAB+23]. **Twist** [MPK+23]. **Two** [APS+21, BSB+23, FLR+22, GP17, JJK21, LBC+24, LMMC+22, TCB+24, TMPP23, VMBT24, VKP+24, WZG+23, WBK+23, ZVRH23]. **Two-Spotted** [LMMC+22]. **Type** [CSF+23, KKFC+23, WPLK23, LWS+21]. **Types** [SUL+23, ZWD+23]. **typus** [OSM23]. **Tyrrhenian** [DAF+22, Poi24]. **U.S.** [EvSCB23, SWS22]. **Uganda** [KYB+23, MTPK23, NGMR23]. **Ultra** [JSLE23]. **Ultrafine** [SIZ+22]. **Ultrasonography** [LDX+23]. **Ultrasonography-Assisted** [LDX+23]. **Ultrastructure** [DNP+23]. **Ultraviolet** [LSY+23]. **Ulva** [CdOCH+23, YLW+23b]. **Unconditioned** [GGP+23]. **Understand** [ST17]. **Understanding** [AGC23, HWW+24a, SMO+23, SRHCO23]. **Underwater** [HARB23a, LL18a, LL18b, LWZ+23, SYL+24, WLZ+23, vSRB+18]. **unguiculatus** [MYY+23, WFL+23]. **unicornis** [Tay19]. **Unit** [GWH21, SHT+23, WLM+20]. **United** [BPOS19, BPO19, HCWH20]. **Units** [MLSC+23]. **Unregulated** [CXL23]. **Unreported** [CXL23]. **Untangling** [HWW+24a]. **Untargeted** [ITG+18]. **Unveils** [YZL+23]. **Updated** [GASS+22]. **UPLC** [JSLE23]. **UPLC-MS** [JSLE23]. **UPLC-MS/MS** [JSLE23]. **upon** [TU18]. **Upper** [LLWW23, BAA+19, GWH+22, USRDFO+22]. **Upregulate** [RDE+23]. **Upstream** [LZC+23b, SRBCGV+21, ZS21]. **Uptake** [CFP+23, TU18]. **Upwelling** [SZSW21]. **Urchin** [XWR+23]. **Urema** [SVMLP23]. **Urochloa** [SFP17]. **Urotrygon** [AFTÁPA+23, SNSVFL23]. **USA** [LLTM17, BAA+19, EHGS23, MD21, SOT+23, SMH+22a]. **Use** [BBF22, EBCM24, FQÁGTR+17, GFDPSR22, HBG+20, JBdFS+22, KJ22, LUM18, MBAM19, RCL+23, RDI+21, VRG+24, WSL+23, WYL23, XYT23, ZVRH23]. **Used** [GMMNRS18, NdNFK+24b, PMFBI22, YHZ+23]. **Uses** [LUM18]. **Using** [AIŠRB22, AAN22, BEMC23, BAA+19, CKMT23, CBANCM+21, DQC+23, FGG+22, FWJ21, FCT19, HMN+22, HDW+23, HWZ21, ILA22, JFP+18, JROHVH+23, JTS+24, JHNF24, KEA+23, LCW23a, LWZ+23, Liu24, LLW+22, MLSC+23, NRKT19, PBS+22, RDG+20, RDANPA+24, RGABD20, SLC+22, SLS+22,

WLZ⁺²³, WSA⁺²³, WSI⁺¹⁹, XLC⁺²⁴,
 XYC⁺²², XYC⁺²³, XXL⁺²⁴, YCL⁺²³,
 ZLL⁺²³, ZCX⁺²², ZS21]. **Utilisation**
 [MMVVCJ⁺²³]. **Utility** [FB22, ZZZ⁺²³].
Utilization [ATEfA⁺²¹, LZC^{+23a},
 NWN⁺²², PNW⁺²², ST17].

V [SRBCGV⁺²¹]. **v1.0** [PSP⁺²²].

Vaccinated [GCFA⁺²², ZLSB22]. **Vaccine**
 [LTZ⁺²², LDD⁺²²]. **vachellii** [PYJ⁺²³].

Valenciennes [CHH⁺²³]. **Validation**
 [JHNF24, MU21]. **Valley** [CTTW23].

Valproate [VLCCA⁺²³]. **Value**
 [EN22, MABÁMSM22, Tay19, YLL22].

vannamei [CdOCH⁺²³, CBCL23, EAE⁺²³,
 HSAF⁺²³, HXS⁺²³, HZG⁺²¹, LXW⁺²⁴,
 LSL⁺²⁴, LMNN21, NdNFK^{+24b},
 NdNFK^{+24a}, NYS⁺²³, SCHT23, SEA⁺²³,
 WPLK23, YHZ⁺²³, ZLL⁺²³, ZWD⁺²³]. **var**
 [CXW⁺²³, XCW⁺²³]. **var.** [LWT⁺²⁴].

Variability [APD^{+23a}, APD^{+23b},
 ALNVDG⁺²², ENO21, GTC⁺¹⁷, HZL⁺²²,
 NTP⁺²¹, WZG⁺²³]. **Variable** [SLC⁺²²].

Variants [AHJ⁺²³]. **Variation**
 [BBCJ23, BMTR23, dSCFQB⁺²³, GPD⁺²³,
 SGAC20, VPPF⁺¹⁹]. **Variations**

[HMX⁺²¹, KYB⁺²³, SKF⁺²³]. **Various**
 [MTM⁺¹⁹, RMA⁺¹⁸, SIZ⁺²², YLX⁺²²].

vasa [MKC⁺²²]. **velezensis** [LJR⁺²⁴].

Venus [PSW⁺²³]. **Verification** [HYXY23].

veronii [QXAY22]. **verreauxi** [KKFC⁺²³].

Vertebrae [NZVB20]. **Vertebral**

[INCD23, YCR⁺²³]. **Vertical**

[VCC⁺¹⁸, YCL⁺²³]. **Vessel**

[CZCW23, VK23]. **Vessels**

[FYH⁺²³, MFKS23]. **vgll3** [FHF23]. **via**

[HWW^{+24b}, HZG⁺²¹, NWN⁺²², NWN⁺²³,
 SYL⁺²⁴]. **Viability** [BASBW24, CHH⁺²³,
 EMFZ⁺¹⁸, ŠT19, vKRNL⁺¹⁹]. **Vibration**

[FMXQ23, LGZ⁺²³]. **Vibrio**
 [DLL⁺²², FLR⁺²², JSRE⁺²⁴, LJK⁺²²,
 LTZ⁺²², SEA⁺²³]. **Victoria** [MTPK23].

Video [RGABD20]. **Vietnam** [TVL21].

View [Hal23, LV23]. **Views** [TOB⁺²³].

vinifera [HFEH⁺²³]. **violacea**

[RCR⁺²³, WGW⁺²³]. **Virtual** [BFP⁺²³].

Virulence [SZZ⁺²³]. **Virulent** [ZLSB22].

Virus [PVY⁺²¹]. **Viscera** [MdM⁺²³].

Vitellogenesis

[DAHM19, MLK⁺¹⁹, RWF⁺²³].

Vitellogenic [WSS⁺¹⁹]. **Vitis** [HFEH⁺²³].

Vitro [CZW⁺²³, DDN19, EES⁺²³, MJL⁺²⁴,
 MKN⁺¹⁶, PSS⁺¹⁸, dCPRG⁺²¹, SSK⁺²²,
 SSSS23, Web23, YHH⁺²⁰, dSJC⁺²¹,
 vKRNL⁺¹⁹]. **vittatus** [MAR⁺¹⁸].

Viviparous [SMH⁺²⁴, UDG⁺¹⁹].

Voandzeia [EPKV17]. **Volatile** [WDL⁺²³].

Volutharpa [YYH⁺²⁴]. **Vukić** [KRAFO23].

vulgaris

[AZY⁺²⁴, Eny17, GRO⁺¹⁷, RGVG19].

Vulnerability [FM21a, MSK⁺²²].

vulnificus [JSRE⁺²⁴].

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- [BMOH23] Rebecca Bourquin, Michael J. Moore, Donald J. Orth, and Eric M. Hallerman. Conservation genetics of clinch dace *Chrosomus* sp. cf. *saylori*. *Fishes*, 8(7):365, July 13, 2023. CODEN ???? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/8/7/365>. [BPCC23]
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[BRB+23]

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Igor M. Belkin and Xin-Tang Shen. Remote sensing of the subtropical front in the Southeast Pacific and

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Adi Barash, Aviad Scheinin, Eyal Bigal, Ziv Zemah Shamir, Stephane Martinez, and Dan Tchernov. Depth partitioning and diel movement of two large carcharhinid sharks in extremely shallow waters. *Fishes*, 8(2):85, January 31, 2023. CODEN ???? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/8/2/85>.

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- [CAC+17] Elisabetta Caccia, Maria Agnello, Marcello Ceci, Patricia Strickler Dinglasan, Gerardo R. Vasta, and Nicla Romano. Antimicrobial peptides are expressed during early development of zebrafish (*Danio rerio*) and are inducible by immune challenge. *Fishes*, 2(4):20, November 08, 2017. CODEN ???? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/2/4/20>.
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[CBCMRD+23]

Curiel-Bernal:2023:MEG

Marcelo V. Curiel-Bernal, Miguel Á. Cisneros-Mata, Guillermo Rodríguez-Domínguez, Laura Sánchez-Velasco, S. Patricia A. Jiménez-Rosenberg, Alejandro Parés-Sierra, and E. Alberto Aragón-Noriega. Modelling early growth of *Totoaba macdonaldi* (Teleostei: Sciænidae) under laboratory conditions. *Fishes*, 8(3):155, March 04, 2023. CODEN ???? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/8/3/155>.

Curiel-Bernal:2021:UOR

[CBANCM+21]

Marcelo V. Curiel-Bernal, E. Alberto Aragón-Noriega, Miguel Á. Cisneros-Mata, Laura Sánchez-Velasco, S. Patricia A. Jiménez-Rosenberg, and Alejandro Parés-Sierra. Using observed residual error structure yields the best estimates of individual growth parameters. *Fishes*, 6(3):35, September 02, 2021. CODEN ???? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/6/3/35>.

[CBK+21]

Chen:2021:SCP

Huiqin Chen, Baoliang Bi, Lingfu Kong, Hua Rong, Yanhua Su, and Qing Hu. Seasonal changes in plasma hormones, sex-related genes transcription in brain, liver and ovary during gonadal development in female rainbow trout (*Oncorhynchus mykiss*). *Fishes*, 6(4):62, November 12, 2021. CODEN ???? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/6/4/62>.

Cheng:2023:MBS

[CBCL23]

Ann-Chang Cheng, Rolissa Ballantyne, Shieh-Tsung Chiu, and Chun-Hung Liu. Microencapsulation of *Bacillus subtilis* E20 probiotic, a promising approach for the enrichment of intestinal microbiome in white shrimp, *Penaeus vannamei*. *Fishes*, 8(5):264, May 16, 2023. CODEN ???? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/8/5/264>.

[CBP+24]

Christidis:2024:AOB

Georgios Christidis, Stratos Batziakas, Panagiota Peristeraki, Evangelos

- Tzanatos, Stylianos Somarakis, and George Tserpes. Another one bites the net: Assessing the economic impacts of *Lagocephalus sceleratus* on small-scale fisheries in Greece. *Fishes*, 9(3):104, March 07, 2024. CODEN ???? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/9/3/104>. [CdOCH⁺23]
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- [CCCFE18] Francisco Casado, Santiago Casado, Diana Ceballos-Francisco, and María Ángeles Esteban. Assessment of the scales of gilthead seabream (*Sparus aurata* L.) by image analysis and atomic force microscopy. *Fishes*, 3(1):9, January 30, 2018. CODEN ???? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/3/1/9>.
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- Ceballos-Francisco:2020:ELD**
- [CFCE20] Diana Ceballos-Francisco, Alberto Cuesta, and María Ángeles Esteban. Effect of light-dark cycle on skin mucosal immune activities of gilthead seabream (*Sparus aurata*) and European sea bass (*Dicentrarchus labrax*). *Fishes*, 5(1):10, February 24, 2020. CODEN ???? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/5/1/10>.
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- [CFLK21] Lindsay R. Ciepiela, Ryan M. Fitzpatrick, Samuel T. Lewis, and

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- [CFP+23] **Contino:2023:URB** Martina Contino, Greta Ferruggia, Roberta Pecoraro, Elena Maria Scalisi, Gianfranco Cavallo, Carmela Bonaccorso, Cosimo Gianluca Fortuna, Antonio Salvaggio, Fabiano Capparrucci, Teresa Bottari, and Maria Violetta Brundo. Uptake routes and biodistribution of polystyrene nanoplastics on zebrafish larvae and toxic effects on development. *Fishes*, 8(3):168, March 20, 2023. CODEN ????? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/8/3/168>.
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 Andrew K. Carlson and Mark V. Hoyer. Bluegill population demographics as related to abiotic and biotic factors in Florida lakes. *Fishes*, 8(2):100, February 07, 2023. CODEN ???? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/8/2/100>.
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 Pei-Sheng Chiu, Shine-Wei Ho, Cheng-Hsuan Huang, Yen-Chun Lee, and Yu-Hung Lin. Captive reproductive behavior, spawning, and early development of white-barred goby *Amblygobius phalaena* (Valenciennes, 1837) and examined larval survival and viability at different water temperatures and salinities. *Fishes*, 8(7):364, July 12, 2023. CODEN ???? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/8/7/364>.
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 Yuhan Chen, Jintai Huang, Zhan Jin, Junping Chen, Meng Zhang, Miao Yu, Hongxia Jiang, Lei Wang, and Zhigang Qiao. QTL mapping of growth traits in Yellow River carp (*Cyprinus carpio haematopterus*) at 5–17 months after hatching. *Fishes*, 8(2):79, January 29, 2023. CODEN ???? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/8/2/79>.
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 Junxiang Chen, Shilong He, Zelong Zhang, Jijun Li, Xiuxia Zhang, Juntao Li, Jiarui Xu, Peihua Zheng, Jianan Xian, and Yaopeng Lu. Application of organic acid salts as feed additives in some aquatic organisms: Potassium diformate. *Fishes*, 9(3):85, February 24, 2024. CODEN ???? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/9/3/85>.
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 Kai Cai, Richard Kin-

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Nikko Alvin R. Cabillon and Carlo C. Lazado. Mucosal barrier functions of fish under changing environmental conditions. *Fishes*, 4(1): 2, January 10, 2019. CODEN ????? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/4/1/2>.
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Soo-Cheol Choi and In-Ah Lee. Effect of MMP/TIMP balancing of *Cynoglossus semilaevis* shell extracts on skin protection. *Fishes*, 6(3):34, August 24, 2021. CODEN ????? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/6/3/34>.
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Yanghui Chen, Yuan Li, Dongneng Jiang, Defeng Zhang, Yu Huang, Jia Cai, Jichang Jian, and Bei Wang. A new conditionally immortalized Nile tilapia (*Oreochromis niloticus*) heart cell line: Establishment and functional characterization as a promising tool for tilapia myocarditis studies. *Fishes*, 8(3):167, March 18, 2023. CODEN ????? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/8/3/167>.
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Ziyue Chen, Huaqie Lu, Wei Liu, Kai Liu, and Xinjun Chen. Beak microstructure estimates of the age, growth, and population structure of purpleback flying squid (*Sthenoteuthis oualaniensis*) in the Xisha Islands waters of the South China Sea. *Fishes*, 7(4):187, July 26, 2022. CODEN ????? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/7/4/187>.
- [CLL23a] **Chen:2023:JTF**
Chao-Ching Chen, Hsin-Zong Lin, and Kuo-Wei Lan. Juvenile and Trash Fish Excluder Device (JTED) for Taiwanese bottom trawl. *Fishes*, 8(4):189, March 30, 2023. CODEN ????? ISSN

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Chen:2023:CII

[CLL+23b]

Xiubao Chen, Hongbo Liu, Karsten Liber, Tao Jiang, and Jian Yang. Copper-induced ionoregulatory disturbance, histopathology, and transcriptome responses in freshwater mussel (*Anodonta woodiana*) gills. *Fishes*, 8(7):368, July 14, 2023. CODEN ???? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/8/7/368>.

Chen:2024:RAS

[CLZ+24]

Ao Chen, Zehua Lv, Junbo Zhang, Gangyi Yu, and Rong Wan. Review of the accuracy of satellite remote sensing techniques in identifying coastal aquaculture facilities. *Fishes*, 9(2):52, January 27, 2024. CODEN ???? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/9/2/52>.

Cotou:2024:GPE

[CMC+24]

Efthimia Cotou, Helen Miliou, Evanthia Chatzoglou, Eirini Schoina, Nektarios Politakis, Dimitra Kogiannou, Eleni Fountoulaki, Afrodite

Androni, Aggeliki Konstantinopoulou, Georgia Assimakopoulou, and Cosmas Nathanailides. Growth performance and environmental quality indices and biomarkers in a co-culture of the European sea bass with filter and deposit feeders: a case study of an IMTA system. *Fishes*, 9(2):69, February 08, 2024. CODEN ???? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/9/2/69>.

Costa:2020:ZMN

[CMP+20]

Bruna Patricia Dutra Costa, Layana Aquino Moura, Sabrina Alana Gomes Pinto, Monica Lima-Maximino, and Caio Maximino. Zebrafish models in neural and behavioral toxicology across the life stages. *Fishes*, 5(3):23, July 31, 2020. CODEN ???? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/5/3/23>.

Chaiyasut:2023:DAP

[CMP+23]

Kasidis Chaiyasut, Paul Merviel, Peter Palma, Johanna Perschthaler, Eduardo Jimenez-Fernandez, Andrew Davie, and Alejandro P. Gutierrez. Development of an accu-

rate polymerase chain reaction (PCR) assay for genetic sex identification in lumpfish (*Cyclopterus lumpus*) based on male-specific anti-mullerian hormone (amh) gene. *Fishes*, 8(6):327, June 19, 2023. CODEN ????? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/8/6/327>.

Choi:2023:CCA

[CPJK23a]

Young Jae Choi, Seul Gi Na Ra Park, A-Hyun Jo, and Jun-Hwan Kim. Correction: Choi et al. Physiological Effect of Extended Photoperiod and Green Wavelength on the Pituitary Hormone, Sex Hormone and Stress Response in Chub Mackerel, *Scomber japonicus*. *Fishes* 2023, 8, 77. *Fishes*, 8(5):263, May 16, 2023. CODEN ????? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/8/5/263>. See [CPJK23b].

Choi:2023:PEE

[CPJK23b]

Young Jae Choi, Seul Gi Na Ra Park, A-Hyun Jo, and Jun-Hwan Kim. Physiological effect of extended photoperiod and green wavelength on the pituitary hormone, sex hormone

and stress response in chub mackerel, *Scomber japonicus*. *Fishes*, 8(2):77, January 29, 2023. CODEN ????? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/8/2/77>. See correction [CPJK23a].

Crisostomo:2024:RCP

[CPVMA+24]

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 Celso Luis Cruces, Raquel Simões, Arnaldo Maldonado Júnior, Ruperto Severino, Jhon Darly Chero, and José Luis Luque. Proposal of *Brotulella* n. gen. for monogeneans from the gills of the Pacific bearded brotula *Brotula clarkae* Hubbs, 1944 (Ophidiiformes: Ophidiidae) based on morphological and molecular evidence. *Fishes*, 8(12): 588, November 30, 2023. CODEN ????. ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/8/12/588>.

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Cohen-Sanchez:2023:IOS

[CSSMV+23]

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[CSV+19]

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[CVANRD+21]

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[CZW+23]

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- [dCPRG+21] Luana da Costa Pires, Patricia Rodrigues, Queen Iane Garlet, Luisa Barichello Barbosa, Bibiana Petri da Silveira, Guerino Bandeira Junior, Lenise de Lima Silva, Amanda Gindri, Rodrigo Coldebella, Cristiane Pedrazzi, Agueda Palmira Castagna de Vargas, Bernardo Baldisserotto, and Berta Maria Heinzmann. *Maclura tinctoria* extracts: In vitro antibacterial activity against *Aeromonas hydrophila* and sedative effect in *Rhamdia quelen*. *Fishes*, 6(3):25, July 27, 2021. CODEN ????? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/6/3/25>.
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- [DCR+23] Geraldine B. Dayrit, Emmanuel M. Vera Cruz, Channarong Rodkhum, Mahmoud Mabrok, Pattareeya Ponza, and Mudjekeewis D. Santos. Potential influence of shading in freshwater ponds on the water quality parameters and the hematological and biochemical profiles of Nile tilapia (*Oreochromis niloticus* Linnaeus, 1758). *Fishes*, 8(6):322, June 17, 2023. CODEN ????? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/8/6/322>.

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Simrith E. Cordova de la Cruz, Marta F. Riesco, Gil Martínez-Bautista, Daniel Calzada-Ruiz, Talhia Martínez-Burguete, Emyr S. Peña-Marín, Carlos Alfonso Álvarez-Gonzalez, and Ignacio Fernández. Larval development in tropical gar (*Atractosteus tropicus*) is dependent on the embryonic thermal regime: Ecological implications under a climate change context. *Fishes*, 7(1): 16, January 11, 2022. CODEN ???? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/7/1/16>. **Dai:2022:FRG**
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Jimmy Devergne, Véronique Loizeau, Christophe Lebigre, Anne Bado-Nilles, Sophie Collet, Olivier Mouchel, Ugo

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[dOCCH⁺23]

Léa Carolina de Oliveira Costa, Andrezza Carvalho, Mariana Holanda, Jorge Santos, Lucélia Borges, Bruna Guterres, Je Nam Junior, Virginia Fonseca, Larissa Muller, Luis Romano, Silvia Botelho, Marcelo Pias, Juliane Ventura, and Luís H. Poersch. Biological responses of oyster *Crassostrea gasar* exposed to different concentrations of biofloc.

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[DPGFL⁺22]

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Dambrosio:2023:SLQ

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[Gae17]

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[GASS+22]

Giovos:2022:UGN

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[GBT+24]

Govindharajan:2024:ESM

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and carbon source addition on bacterial diversity and community composition in water in a pond polyculture system. *Fishes*, 9(3): 80, February 20, 2024. CODEN ????? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/9/3/80>.

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[GSK⁺21]

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Jiménez-Martínez, Susana De la Rosa-García, Gloria Gertrudys Asencio-Alcudia, Rafael Martínez, Dariel Tovar-Ramírez, Mario A. Galaviz, Talhia Martínez-Burguete, Carlos A. Alvarez-González, and Carina Shianya Alvarez-Villagomez. Incorporation of fructooligosaccharides in diets influence growth performance, digestive enzyme activity, and expression of intestinal barrier function genes in tropical gar (*Atractosteus tropicus*) larvae. *Fishes*, 7(3):137, June 10, 2022. CODEN ???? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/7/3/137>.

[PKSN23b]

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[PKC+19]

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[PKV+22]

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[PSS+18]

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Quintanilla-Pineda:2023:PNP

[QPDGF⁺23]

Mario Quintanilla-Pineda, Jesús Díaz, Ana Gutiérrez-Falcon, Francisco C. Ibañez, and Florencio Marzo. Profiling a new postbiotic product for its application in fish aquaculture. *Fishes*, 8 (6):304, June 06, 2023. CODEN ????? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/8/6/304>. [QXAY22]

Quigg:2023:FWC

[QWR⁺23]

Antionietta Quigg, R. J. David Wells, Jay R. Rooker, Ronald L. Hill, Larissa L. Kitchens, Michael A. Dance, David L. Moulton, Phillip J. Sanchez, and Beatrice Padovani Ferreira. Food web connectivity in a mangrove-seagrass-patch reef (MSP) seascape: Lessons from a tropical back-reef in Puerto Rico. *Fishes*, 8 (1):44, January 08, 2023. CODEN ????? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/8/1/44>. [RAR⁺18]

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[QWY⁺24]

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regulation gene *Cyclin E* from Hong Kong oysters (*Crassostrea hongkongensis*) and its protein expression in response to salinity stress. *Fishes*, 9 (3):102, March 06, 2024. CODEN ????? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/9/3/102>.

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Benjamin J. Reading, Linnea K. Andersen, Yong-Woon Ryu, Yuji Mushiobira, Takashi Todo, and Naoshi Hiramatsu. Oogenesis and egg quality in finfish: Yolk formation and other factors influencing female fertility. *Fishes*, 3(4):45, November 21, 2018. CODEN ????? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/3/4/45>.

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Rosati:2023:SEH

[RCL+23]

Luigi Rosati, Ivana Caputo, Lilla Lionetti, Mayana Karoline Fontes, Camilo Dias Seabra Pereira, and Anna Capaldo. Side effects of human drug use: an overview of the consequences of eels' exposure to cocaine. *Fishes*, 8(3):166, March 17, 2023. CODEN ????? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/8/3/166>.

Romero:2023:HAC

[RCR+23]

Jaime Romero, Natalia Catalán, Carolina Ramírez, Claudio D. Miranda, Marcia Oliva, Héctor Flores, María Soledad Romero, and Rodrigo Rojas. High abundance of candidatus arthromitus in intestinal microbiota of *Serioteila violacea* (Palm Ruff) under reared conditions. *Fishes*, 8(2):109, February 13, 2023. CODEN ????? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/8/2/109>.

Rodriguez-Dominguez:2024:FAD

[RDANPA+24]

Guillermo Rodríguez-Domínguez, Eugenio Alberto Aragón-Noriega,

Jorge Payán-Alejo, Jaime Edzael Mendivil-Mendoza, Marcelo Vidal Curiel-Bernal, Wenceslao Valenzuela-Quiñonez, and Ricardo Urías-Sotomayor. The fractal approach to describe growth of farmed marine species: Using double and triple logistic models. *Fishes*, 9(3):106, March 12, 2024. CODEN ????? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/9/3/106>.

Rusco:2023:ZBT

[RDE+23]

Giusy Rusco, Michele Di Iorio, Stefano Esposito, Pierpaolo Gibertoni, Emanuele Antenucci, Valentino Palombo, Alessandra Roncarati, and Nicolaia Iaffaldano. Zootechnical brown trout (*Salmo trutta* L. 1758) ovarian fluid fails to up-regulate the swimming performances of native Mediterranean brown trout (*Salmo cetti* Rafinesque, 1810) sperm in the Biferno River. *Fishes*, 8(4):190, March 31, 2023. CODEN ????? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/8/4/190>.

Richard:2020:MFW

[RDG+20]

Adandé Richard, Liady Mouhamadou Nourou Dine, Djidohokpin Gildas,

- Adjahouinou Dogbè Clément, Azon Mahuan Tobias Césaire, Micha Jean-Claude, and Fiogbe Didier Emile. Multispecies fresh water algae production for fish farming using rabbit manure. *Fishes*, 5(4):35, November 30, 2020. CODEN ????? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/5/4/35>. [RGABD20]
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- [RE21] Dmitry A. Ruban and Vladimir A. Ermolaev. Black caviar perturbs reflection of Russian geography: a research note of aquaculture-triggered place naming puzzle. *Fishes*, 6(2):13, April 06, 2021. CODEN ????? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/6/2/13>.
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- [RH19] Ulrich G. Reinhardt and Peter J. Hrodey. Trap happiness and catch bias in sea lamprey traps.

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Rind:2023:EDC

[RHU⁺23]

Khalid Hussain Rind, Syed Sikandar Habib, Javed Ahmed Ujan, Francesco Fazio, Saira Naz, Aima Iram Batoon, Mujeeb Ullah, Sobia Attaullah, Khayyam Khayyam, and Khalid Khan. The effects of different carbon sources on water quality, growth performance, hematology, immune, and antioxidant status in cultured Nile tilapia with biofloc technology. *Fishes*, 8(10):512, October 14, 2023. CODEN ????? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/8/10/512>.

Rahman:2023:ISA

[RIF⁺23]

Afaf N. Abdel Rahman, Sameh H. Ismail, Moustafa M. S. Fouda, Abdelwahab A. Abdelwarith, Elsayed M. Younis, Samah S. Khalil, Mahmoud M. El-Saber, Ahmed E. Abdelhamid, Simon J. Davies, and Rowida E. Ibrahim. Impact of *Streptococcus agalactiae* challenge on

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Ruiz-Jarabo:2021:SPR

[RJFCJC⁺21]

Ignacio Ruiz-Jarabo, Miriam Fernández-Castro, Ismael Jerez-Cepa, Cristina Barragán-Méndez, Montse Pérez, Evaristo Pérez, Juan Gil, Jesús Canoura, Carlos Farias, Juan Miguel Mancera, and Ignacio Sobrino. Survival and physiological recovery after capture by hookline: the case study of the blackspot seabream (*Pagellus bogaraveo*). *Fishes*, 6(4):64, November 17, 2021. CODEN ????? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/6/4/64>.

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[RJMVC⁺18]

Ignacio Ruiz-Jarabo, Pura Márquez, Luis Vargas-Chacoff, Juan Antonio Martos-Sitcha, Salvador Cárdenas, and Juan Miguel Mancera. Narrowing the range of environmental salinities

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[RLB⁺23]

Kaakarlu Shivakumar Vinanthi Rajalakshmi, Wen-Chao Liu, Balasubramanian Balamuralikrishnan, Arun Meyyazhagan, Govindharajan Sattanathan, Manikantan Pappuswamy, Kadanthottu Sebastian Joseph, Kuppusamy Alagesan Paari, and Jang-Won Lee. Cadmium as an endocrine disruptor that hinders the reproductive and developmental pathways in freshwater fish: a review. *Fishes*, 8(12): 589, November 30, 2023. CODEN ???? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/8/12/589>.

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[RMA⁺18]

Md. Golam Rasul, Bhaskar Chandra Majumdar, Faria Afrin, Mohammad Abu Jafor Bapary, and A. K. M. Azad Shah. Biochemical, microbiological, and sensory properties of dried silver carp (*Hypophthalmichthys molitrix*) influenced by various drying methods. *Fishes*, 3(3):25, June 25, 2018. CODEN ???? ISSN

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Byron Manuel Reyes-Mero, Ana María Santana-Piñeros, Leonela Griselda Muñoz-Chumo, Yanis Cruz-Quintana, and Enric Gisbert. Yolk absorption rate and mouth development in larvae of *Dormitator latifrons* (Perciformes: Eleotridae). *Fishes*, 7(6):375, December 07, 2022. CODEN ???? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/7/6/375>.

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Reyes:2020:NGE

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[RRM⁺20]

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[RSA17]

Nicla Romano, Giuseppe Scapigliati, and Luigi Abelli. Water oxygen content affects distribution of T and B lymphocytes in lymphoid tissues of farmed sea bass (*Dicentrarchus labrax*). *Fishes*, 2(3):16, September 14, 2017. CODEN ????? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/2/3/16>.

Reverter:2018:BER

[RTBL⁺18]

Miriam Reverter, Nathalie Tapissier-Bontemps, David Lecchini, Bernard Banaigs, and Pierre Sasal. Biological and ecological roles of external fish mucus: a review. *Fishes*, 3(4):41, October 09, 2018. CODEN ????? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/3/4/41>.

Ren:2023:CTA

[RWF⁺23]

Yuanhao Ren, Wei Wang, Yin Fu, Zhiqiang

Liu, Ming Zhao, Likun Xu, Tianyong Zhan, Ting Huang, Minghao Luo, Wei Chen, Chunyan Ma, Fengying Zhang, Keji Jiang, and Lingbo Ma. Comparative transcriptome analysis identifies MAPK signaling pathway associated with regulating ovarian lipid metabolism during vitellogenesis in the mud crab, *Scylla paramamosain*. *Fishes*, 8(3):145, February 28, 2023. CODEN ????? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/8/3/145>.

Stathopoulou:2022:AEP

[SAB⁺22]

Paraskevi Stathopoulou, Adamantia Asimaki, Panagiotis Berillis, Nikolaos Vlahos, Efi Levizou, Nikolaos Katsoulas, Ioannis T. Karapanagiotidis, Christos I. Rumbos, Christos G. Athanassiou, and Eleni Mente. Aqua-entoponics: Effect of insect meal on the development of sea bass, *Dicentrarchus labrax*, in co-culture with lettuce. *Fishes*, 7(6):397, December 18, 2022. CODEN ????? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/7/6/397>.

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Ashokkumar Sibiya, Khalid A. Al-Ghanim, Marimuthu Govindarajan, Marcello Nicoletti, Nadezhda Sachivkina, and Baskaralingam Vaseeharan. Biochemical patterns and genotoxicity of the endocrine disruptor metformin in the freshwater fish *Labeo rohita*. *Fishes*, 8(7): 380, July 22, 2023. CODEN ???? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/8/7/380>. [SAL19]
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Morten Bo Søndergaard Svendsen, Nikolaj Reducha Andersen, Per Juel Hansen, and John Fleng Steffensen. Effects of harmful algal blooms on fish: Insights from *Prymnesium parvum*. *Fishes*, 3(1):11, February 14, 2018. CODEN ???? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/3/1/11>. [SAL18]
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João L. Saraiva and Pablo Arechavala-Lopez. Welfare of fish — no longer the elephant in the room. *Fishes*, 4(3):39, July 03, 2019. CODEN ???? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/4/3/39>. [SAL18]
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João Luis Saraiva, Pablo Arechavala-Lopez, Maria Filipa Castanheira, Jenny Volstorf, and Billo Heinzpeter Studer. A global assessment of welfare in farmed fishes: The FishEthoBase. *Fishes*, 4(2):30, May 16, 2019. CODEN ???? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/4/2/30>. [SAL18]

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Peter W. Sorensen and Przemyslaw G. Bajer. Case studies demonstrate that common carp can be sustainably reduced by exploiting source-sink dynamics in Midwestern lakes. *Fishes*, 5(4):36, December 04, 2020. CODEN ???? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/5/4/36>.
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Sebastian M. Strauch, Judith Bahr, Björn Baßmann, Adrian A. Bischoff, Michael Oster, Berit Wasenitz, and Harry W. Palm. Effects of ortho-phosphate on growth performance, welfare and product quality of juvenile African catfish (*Clarias gariepinus*). *Fishes*, 4(1):3, January 23, 2019. CODEN ???? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/4/1/3>.
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Martin A. Svenning, Eigil T. Bjørvik, Jane A. Godiksen, Johan Ham-
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Eva Schemmel and Nancy J. Brown-Peterson. Handling effects on histological identification of female reproductive status: Examples from tropical deepwater snappers. *Fishes*, 8(8):406, August 04, 2023. CODEN ???? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/8/8/406>.
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Fabio A. C. Santos, Felipe S. Batista, André S. Souza, Gustavo S. C. Julio, Gisele C. Favero, José F. V. Junior, Sílvio T. Costa, Carla C. Zeppenfeld, Nadia H. Bianchini, Berta M. Heinzmann, Bernardo Baldisserotto, and Ronald K. Luz. Growth performance and histomorphology of intestine, skin, gills and liver of juvenile *Colossoma*

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[SCCM23]

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Segarra:2023:IRA

[SCHT23]

Sergi Segarra, Thanh Chau, Phuc Hoang, and Loc Tran. Immunoregulation and resistance to

aquatic pathogens with dietary nucleotides in Pacific white shrimp, *Litopenaeus vannamei*. *Fishes*, 8(6):308, June 08, 2023. CODEN ????? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/8/6/308>.

Seibel:2022:MAE

[SCSR22]

Henrike Seibel, Elvis Chikwati, Carsten Schulz, and Alexander Rebl. A multidisciplinary approach evaluating soybean meal-induced enteritis in rainbow trout *Oncorhynchus mykiss*. *Fishes*, 7(1):22, January 14, 2022. CODEN ????? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/7/1/22>.

Schakmann:2023:IBS

[SCSS23]

Mathias Schakmann, Emil Aputsiaq Flindt Christensen, John Fleng Steffensen, and Morten Bo Søndergaard Svendsen. The influence of body size on behavioral thermal preference in Atlantic cod (*Gadus morhua*): Larger fish favor colder waters. *Fishes*, 8(12):596, December 02, 2023. CODEN ????? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/8/12/596>.

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 Manuel J. Seixas, Rodrigo R. Domingues, and Agostinho Antunes. Decoding the transcriptome of sharks, rays, and chimaeras: Insights into their physiology, morphology, evolution, and biomedical applications. *Fishes*, 8(5):271, May 19, 2023. CODEN ???? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/8/5/271>.
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 Jaqueline Simões Saliba, Fabio Areuil Costa dos Santos, Eloísa de Oliveira Simões Saliba, and Ronald Kennedy Luz. Different animal metabolism markers for artemia nauplii in crude protein digestibility assay for *Lophiosilurus alexandri* larvae. *Fishes*, 8(2):110, February 14, 2023. CODEN ???? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/8/2/110>.
- [SEA+23] **Shakweer:2023:CIR**
 Medhat S. Shakweer, Gehad E. Elshopakey, Abdelwahab A. Abdelwarith, Elsayed M. Younis, Simon John Davies, and Samia Elbahnaswy. Comparison of immune response of *Litopenaeus vannamei* shrimp naturally infected with *Vibrio* species, and after being fed with florfenicol. *Fishes*, 8(3):148, March 02, 2023. CODEN ???? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/8/3/148>.
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 Daniela Sateriale, Serena Facchiano, Katrin Kaldre, Giuseppina Forgiione, Giuseppa Anna De Cristofaro, Caterina Pagliarulo, and Marina Paolucci. Benefits of polyphenol-based synbiotics in crustacean diet. *Fishes*, 8(5):255, May 10, 2023. CODEN ???? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/8/5/255>.
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 Troy S. Sakihara, Atsuko Fukunaga, and Kimberly A. Peyton. Mugilids display distinct trait-mediated patterns with a reinvasion of Para grass *Urochloa mutica* in a tropical estuary. *Fishes*, 2(2):7, May 23, 2017. CODEN ???? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/2/2/7>.

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- [SGAC20] **Sanchez-Gonzalez:2020:VTL**
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Mao, Jian Zhao, Yong Liu, Yafei Wang, and Xiaoxue Du. Designing a multi-parameter method to assess the adaptation period of crucian carp under stress conditions of the bionic robot fish. *Fishes*, 7(4): 198, August 08, 2022. CODEN ????? ISSN 2410-3888. URL <https://www.mdpi.com/2410-3888/7/4/198>.

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[WSZ+23]

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[XYC⁺23]

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[XYT23]

[XZD⁺24]

Xu:2023:EDL

[XYL⁺23]

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