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Title word cross-reference

$-80°$ [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, WZL+24, 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 [AHJ+23, Gae17, PLJ+23, TBPJ23, ZSZ+23]. **100-Year** [APS+21]. **113** [Kim23a]. **17** [VMS+23, WSZ+23].

2-methylisoborneol [LLKKV20]. **200** [ZLZ+22]. **222** [BEMC23, CWMX21]. **24** [JML+24].

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]. **8-like** [LYL+24a].

90-Day [GLW+22].

abdominalis [STZ+23, ZQLW23]. **Ability** [JHNF24]. **Abiotic** [CH23]. **Abnormal** [DAF+22, LHZ+24]. **Aboriginal** [KSAB+23]. **Absorption** [JCR+22, RMSPMC+22]. **Abudefduf** [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]. **Access** [OOG24]. **Acclimated** [RHUJ24]. **Accompanied** [DAHM19]. **According** [Fra23, YCR+23]. **Accumulation** [LLKKV20]. **Accuracy** [CLZ+24]. **Accurate** [CMP+23, KLD+23]. **Acetyl** [ZYT+24]. **Acetyl-CoA** [ZYT+24]. **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, ZYT+24]. **Acid-Based** [HS18]. **Acidification** [DLL+23, KWK+24, PFM+20, ZSZSS+22]. **Acidifiers** [ZWZ22]. **Acids** [BKBR+23, MNP+16, ZSZ+23]. **Acipenser** [AVT18, LDW+21, AVT18, CZJ+24, HCZ+23, JCR+22, Kim23a, Kim23b, ZLX+23]. **AcIV** [AVT18]. **AcIV-E** [AVT18]. **Acknowledgement** [Off18, Off19, Off20]. **Acknowledgment** [Off21, Off23]. **Acoustic** [BFLC19, CXT+24, HBL+22, VPPF+19]. **across** [CMP+20, JJB+24, 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, LYL+24b, WZL+24, YBL+22, ZZL+23]. **Activity** [BB23, BSH+23, DRFCL23, EEdCSOPJ+23, GMBR+21, GMDMT+23, JCL+24, 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, KAJ+24, SAL18]. **Acute** [AMT+24, 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, OO24, ZWD+23]. **Adjacent** [AM24, LHL+24]. **Adjusting** [MOW+18]. **Adjustments** [dAPAA+24, ZSZSS+22]. **Administration** [GCFA+22, HSD+24, JE18, LCWH22, LDD+22, SSSP21, TU18, YZH+24]. **Adriatic** [LOBTL22, HB24, LKD22]. **Adult** [DOB+17, DM24, DZC+22, ZLZ+24]. **Advanced** [DOB+17, NLTL23]. **Advances** [EBCM24, LYY+24]. **Adverse** [DK22, KJ22]. **Aegean** [KMB18, KKB20, TK24, BEG+23]. **Aequidens** [LBH+24]. **Aequipecten** [KŽM+23]. **aerea** [GBT+24]. **Aerial** [RGABD20]. **Aerobic** [LWS+21]. **Aeromonas** [AEME+23, GWT+24, JLW+24, LCWH22, MYW+24, PYJ+23, PSN18, dCPRG+21, QXAY22, SSSP21, SMO+22, SNK+23, WCX+24, XYF+24, XXL+22, ZLSB22]. **aestivum** [WLL+22]. **Affect** [CCFP19, FÅG+23, JCL+24]. **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, GWT+24, GLY+23, GSHGE18, HIO+19, HSD+24, Mil23, MBZ+21, RJR+22, RJFCJC+21, SEA+23, VKP+24, WBK+23, YLX+22, ZZW+24]. **against** [CCP+24, DCL+23b, JML+24, LTZ+22, LCWH22, PSN18, dCPRG+21, SML+23b, XYF+24, dSJC+21]. **agalactiae** [AMT+24, GGL+23, GCFA+22, GYH+23, HLZ+22, LDD+22, PSN18, RIF+23]. **Age** [BFB+23, BPOS19, BPO19, CLL+22, CZJ+24, FZZ+24, FB22, HS24, KZC+24, LLWW23, LOT+22, MCSB+19, MPK+23, NZVB20, PSP+22, RGTPSCCC24, SNSVFL23, SCT+24, XSZ+23, YCR+23]. **Age-Based** [HS24]. **Ageing** [TMM+18]. **Agent** [FCT19, QXAY22]. **Agent-Based** [FCT19]. **Agents** [LBH+24, 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, LZW+24]. **AIS** [FYH+23, LSJ24]. **akashiwo** [JXW+23]. **al** [APD+23a, CPJK23a, MWPS24, PKSN23a, XYC+23]. **Alarm** [LYL+23]. **Alaska** [DMB+20]. **albacares** [LYL+24b]. **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]. **Alleviated** [SPQ+24]. **Alleviates** [MYW+24]. **Allocated** [NNL+23]. **Allometric** [STZ+23]. **Almost** [YLW+23a]. **Alone** [HYN+24]. **along** [ARH+23, EKL+23, SML+23a]. **Alosa** [SCT+24]. **Alpha** [LHL+24, 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, GAR+24, HVRCG18, PCH+24, dCPFS+24, VRKV24]. **Amberjack** [IKT19, JFP+18, NRKT19]. **Ambient** [MAR+18]. **amblycephala** [GWT+24, MYW+24]. **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]. **Ammonia** [CSL24]. **among** [AWCS23, BBCJ23, CZJ+24, VMBT24, ZLL+23]. **Amorgos** [TK24]. **Amphibians** [OMC+19]. **Amphipoda** [BSH+23]. **Amplification** [LDZ+24]. **Amur** [WLL+23, ZLZ+24]. **Amyloodiniosis** [MCSB+19]. **Anadromous** [APS+21, HCWH20]. **Anaesthetic** [BEMC23]. **Analog** [JML+24]. **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, DCD+24, DL23, DSC+19, DDG+22, FLX+22, FHHC23, FM21a, GGL+23, GLY+23, GWH21, HHL+20, HWW+24b, HAC+23, HHM+24, HYXY23, IFA+23, JJK21, JLW+24, KTT24, KAB+23, LPK+23b, LSJ+23, LFH+23,

LLY+22, LYL+24a, LKD22, LYL+24b, LZW+24, LYW+24, 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, FZZ+24, LZZ+22, ŠT19]. **Andrias** [CWW+23, ZHF+22b]. **Anemone** [HZS+21]. **Anemonefish** [HZS+21]. **Anesthesia** [BSH+23]. **Anesthetic** [JBdFS+22]. **Anesthetics** [LF24, SCCM23]. **Angel** [UGH+24]. **Angler** [LLTM17, PB24]. **Angola** [BC23]. **Anguilla** [BGMM+24, DMA22, DCL+23b, EFG+23, HMVRFD19, JKP+23, LPB+24, 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, RXL+24, SGG+21, TDN+22, WSD+23, WZL+24, WLL+24, WLZ+22b, XYC+22, XYC+23, XCW+23, XYL+23, XWP+24, YLW+23b]. **Antioxidation** [HYN+24, ZYG+23]. **Antipredator** [AWCS23, LYL+23]. **Antithrombotic** [MKN+16]. **Antiviral** [JML+24, SML+23b]. **Antognazza** [APD+23a]. **Ao** [TTT23]. **Apex** [DMB+20]. **Aphanomyces** [PSS+18]. **Apoptosis** [LYL+24a]. **Apostichopus** [YBL+22]. **Appalachian** [UH19]. **Applicability** [AGC23]. **Application** [APD24, BLA+22, CHZ+24, CZCW23, GHS20, JTS+24, QPDGF+23, SOW+23, SMH+22b, TDN+22, YCL+23]. **Applications** [DO24, Fer23, LJR+24, LYY+24, LW18, SDA23]. **Applying** [GL23]. **Approach** [CKMT23, CVANRD+21, CBCL23, FM21a, MBP+24, QL22, RDANPA+24, SCSR22, ST17, Sha19, SS23, VPPF+19, ZTWK24]. **Approaches** [Dul23]. **Approaching** [CFM+23]. **Aqua** [DCL+23a, SAB+22]. **Aqua-Ento-Ponics** [SAB+22]. **Aquaculture** [AJF23, BÁD+22, CG20, CMB+24, CLZ+24, DCL+23a, DÁ23, DO24, GHS20, GLH+23, HMN+22, HARB23a, HHP+24, HGC+23, HIO+19, IKT19, IFA+23, Ims23, IBN+23, JE18, JBdFS+22, KYB+23, LCW+23b, LZC+23a, LWZ+23, LYY+24, MKH24, MIHH23, NNL+23, OOTC24, OO24, PLV+19, QPDGF+23, RXL+24, RE21, SGANM+24, SIZ+22, VMDV+22, VRG+24, WM22, WLZ+23, WXL+23, XLP23, YCL+23, ZSH+23, ZLF23, ZTWK24]. **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]. **aquatica** [RXL+24]. **aquimarina** [YBL+22]. **Arachidonic** [ASM+22]. **Aral** [APD24]. **ArcFace** [LWZ+23]. **Archipelago** [JJB+24]. **Archived** [LJK+22]. **Arctic** [HJE+23, SBG+24, WGRM+19]. **Area** [CFM+23]. **Areas** [CXL23, FYH+23, FCF19, FJL+23, JLT22, UGH+24, VKP+24]. **areolata** [DLL+22]. **argenteus** [GP17, ZSZ+23]. **Arginine** [HAdM+24]. **Arginine-Vasotocin** [HAdM+24]. **Argopecten** [BÁD+22, CPVMA+24, HHM+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, JCL+24, LPB+24, LDX+23, SCBSSMA24, ZLX+23]. **Artificially** [HAdM+24, MLK+19]. **Artisanal** [MBC+24]. **ASC** [YSG+23]. **Ascending** [PRPW23]. **Ascidian** [TPA+24]. **Ascorbate** [OMC+19]. **ASCT2** [MLZ+21]. **Ash** [WZX+24]. **Asia** [KZC+24]. **asiaeorientalis** [CYL+23, CLL+24, CYL+23, CLL+24, FLX+22]. **Asian** [LCZ+23, NPT+24]. **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, SMAR24]. **Assess** [WMZ+22]. **Assessing** [BASBW24, CSL24, CBP+24, EMFZ+18, FGG+22, HLK+23, ISA+22, LSL+24, NPT+24, SCBSSMA24, VM19, ZSH+23, ZJC+22b]. **Assessment** [AIŠRB22, BSR+20, BLA+22, BFB+23, CKMT23, CCCFE18, CMB+24, HCWH20, HKS+18, KTT24, KJ22, KSWT22, LDBL19, MSK+22, MKN+16, MBL20, NHC+23, SALC+19, SLS+22, WM22, WFZ+23, WFZ+24b]. **Assessments** [EBM24, SWS22]. **Assisted** [LDX+23]. **Asso** [DDN19]. **Associated** [ATM+24, AVT18, FCB+21, GMCF+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]. **Astaxanthin** [WLL+24]. **Asterias** [WKB+23]. **Astragalus** [PYJ+23, XCW+23]. **Asymmetric** [XLC+24]. **Asymmetry** [MH23]. **Asynchronous** [GFDPSR22]. **Atlantic** [EKL+23, GPD+23, MSRGCG+23, ANA+23, AGC23, AHLC19, 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** [CCCFE18]. **ATPases** [LGZ+23]. **Atractosteus** [FQÁGTR+17, MPM+21, MVPMAV+22, NRÁGPM+18, PJPMMV+22, dlCRMB+22]. **Atrazine** [MTHPJS+23]. **Attention** [EFG+23]. **Attenuation** [KCCK23]. **Attractive** [HLK+23, SRL+19]. **Attractiveness** [BHP+24]. **Attributes** [LXT+22, PYP17]. **Auction** [JBGCG+24]. **Augment** [SOW+23]. **Aurantiochytrium** [HMP+24]. **aurata** [BSGMC+22, CSB+20, CCCFE18, CFCE20, ERE21, GMBR+21, GMDMT+23, TJTV+23, TMD+19]. **auratus** [ULR+23, BF16, HGSE23, LHZ+23, LCC+24, MWZ+23, XHC+22, XLX+22, XYC+22, XYC+23]. **australasicus** [KMSO18]. **Australia** [MS20, RKL24]. **Australian** [BF16]. **australis** [WLL+22]. **Australoheros** [BSR+20]. **Autism** [VLCCA+23]. **Automated** [JBGCG+24]. **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]. **avidus** [CCP+24]. **Axis** [CZW+23, LPB+24]. **Azolla** [DRH18].

B [RSA17, ZSL+24]. **Babitonga** [CFM+23]. **Babylonia** [DLL+22]. **Bacillus** [HXS+23, JKP+23, SAC23, CBCL23, GCFA+22, JCY+23, LJR+24, WFZ+24a, XYC+22, XYC+23]. **Bacillus-Supplemented** [JKP+23]. **Back** [QWR+23]. **Back-Reef** [QWR+23]. **Bacteria** [CSGE23, DO24, KSO+23, dSJC+21]. **Bacterial** [AML+24, EES+23, GLX+23, GSH+24, HPJ+23, LS19, LJR+24, SNZ+23, ŢPN+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]. **Balistes** [HS24]. **Balitoridae** [GWH+22, LZC+23b]. **Balkan** [APS+23]. **Baltic** [AIŠRB22, KAR+23, Ols19, VKP+24]. **Bambaranut** [EPKV17]. **Ban** [ZZW+24]. **Bangladesh** [BLA+22, FM21a, HHM+18, HVRCG18, HKS+18, RKHAMM22, SLS+22]. **Barb** [DRH18, HKS+18]. **Barbel** [SRBCGV+21, SPQ+24]. **Barbonymus** [DRH18]. **Barcoding** [BAA+19, OJC+23, SBS+24]. **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, HS24, HS18, KBK+23, KBB+21, KSWT22, LSJ+22, LJX+21, LV23, LSJ24, MSK+22, MSA24, MGMG24, NPT+24, RJMVC+18, SFK+23, SZT+23, SXQ+22, UGH+24, 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** [BTSK24, BAA+19, FWJ21, GAR+24, SKD+23, APD24, PCH+24, RKL24]. **Basis** [MBPB24, NTP+21]. **Bass** [AHLC19, BGMM+24, CFCE20, CMC+24, HCWH20, HBL+22, KKPY22, 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** [HHAG24, HWW+24a, HHM+24, 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, RGTPSCCC24]. **Beak** [CLL+22]. **beani** [MCÁGHA+17]. **Bearded** [CSJ+23]. **Bed** [SLSC+24]. **before** [ANA+23]. **Behavior** [CZCW23, CHH+23, FÅG+23, dFBdSG+19, HV24, ILA22, KTT24, LMC21, LYL+23, LLS+23, Mee24, SZF+21, SZT+23, VK23, VLCCA+23, WTC+22, WWD+23, ZSH+23]. **Behavioral** [AWCS23, CFLK21, CMP+20, CXT+24, MU21, SCSS23]. **Behaviors** [KKPY22, LHZ+24]. **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]. **Bennett** [SCT+24]. **Benthic** [KRAFO23]. **Berg** [MNP+16]. **bernacchii**

[GGF+22]. **Berryteuthis** [LOT+22]. **Bertalanffy** [BMTR23]. **Berwickshire** [EBRS23]. **Best** [CBANCM+21]. **Bester** [Kim23a, Kim23b]. **Beta** [LHL+24]. **Betanodavirus** [VPP+22]. **Better** [AGC23]. **between** [AGE+18, AJF+22, BC23, CYL+23, CP24, CFLK21, HZS+21, HWZ21, KAB+23, KKPY22, KMSO18, LCW+23b, LYL+23, LYL+24b, NHR20, PKC+19, SML+23a, TRM+23, WM22, WHL+24, WWY+23, XWW+24, YJK23]. **Bias** [RH19, RRG22]. **bicuspidata** [LYW+24]. **bidens** [YXS+24]. **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, KŽM+23, OSM23, PAVCCJVV24, RMA+18, SAGG+23, THS+22, XLX+22, YLH+24, ZWZ22]. **Biochemistry** [BDŞ+24, 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, EEdCSOPJ+23, KŽM+23, RTBL+18, TJW+22, TMPP23]. **Biology** [HHM+18, HS24, Sor21, WLL+23]. **Biomarker** [LMLH22]. **Biomarkers** [ADM+24, CMC+24, GRKC19, OOTC24]. **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]. **Biotransformation** [KSSI24]. **Biozonation** [APS+23]. **birdiae** [HSAF+23]. **Bisphenol** [vKRNL+19]. **Bites** [CBP+24]. **Bivalent** [XYF+24]. **Bivalvia** [ZQL+23]. **Black** [BAA+23, BLA+22, BPO19, CSR22, LWT+24, LZW+24, MMY+17, NNL+23, NYS+23, RE21, SZF+21, SMH+22a, SSK+22, SSSS23, ŢPN+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]. **Blends** [GMFG+24]. **Blimp** [RGABD20]. **Bloch** [GMA+24]. **Blocked** [ZS21]. **Blood** [CYL+23, CZJ+24, EAJ+23, FLX+22, FMXQ23, GMDMT+23, INCD23, SNK+23, TMM+18, ZLX+23]. **Blood-Chemistry** [CZJ+24]. **Blooms** [DÁ23, SAHS18]. **Blotched** [ZWZ+24]. **Blue** [And23, DAHM19, DM24, FHHC23]. **Bluegill** [CH23]. **Blunt** [GWT+24, MYW+24]. **BMP** [ZYH+24]. **BMP2** [LCC+24]. **BMP4** [LCC+24]. **Bocachico** [MMMNAG23]. **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** [KWK+24, YHH+20]. **Borne** [Sha19]. **Both** [Poi24, YXS+24]. **Bottle** [SLSC+24]. **Bottom** [CLL23a]. **Bowdich** [DTS+17]. **Box** [LJX+21, TOB+23]. **Bracciano** [SAL18]. **Brachymystax** [PXH+24]. **brachysoma** [JTS+24]. **Brachyura** [KMB18, KKB20]. **Brackish** [EFG+23, YJK23]. **Brain** [CBK+21,

DAHM19, DM24, LPB+24, Näs18, PHB+23]. **Brain-** [Näs18]. **Brazil** [CFM+23, CASMK23, dSCFQB+23, JSRE+24, dAMPS+23, dCPFS+24, SNSVFL23]. **Brazilian** [ARH+23]. **Bream** [AA23, CSB+20, GWT+24, GMFG+24, HHL+20, JJK21, KJK+23, LSY+17, MYW+24, 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]. **Bronze** [ZHX+24]. **Broodstock** [PSN18]. **Brook** [MH23]. **Brotula** [CSJ+23, CSJ+23]. **Brotulella** [CSJ+23]. **Brown** [APD+23a, APD+23b, EAJG24, FÅG+23, MSRGCG+23, Näs18, PMFBI22, RDI+21, RDE+23, VMS+23, WYG+23]. **Brown-Marbled** [WYG+23]. **Bruguière** [ADM+24]. **Brycon** [DRFCL23, EMFZ+18]. **Bubbles** [SIZ+22]. **Budgets** [GZX+22]. **Building** [HWW+24a]. **Bulatmai** [SPQ+24]. **Bulgaria** [APS+23]. **Bullfrog** [XWW+24]. **Bullheads** [SMH+22a]. **bungeanum** [WZX+24]. **Burchell** [BHR+23]. **Burden** [EvSCB23]. **Butachlor** [WWZ+24]. **Butter** [MSB+23]. **butyricum** [WLW+24]. **By-Product** [NWN+22]. **By-Products** [AAAF+21]. **Bycatch** [FM21a]. **bZIP** [SHW+23].

C [BFM23, CSF+23, LJK+22, MYW+24, WSZ+23]. **C-Type** [CSF+23]. **Ca** [JCR+22, NZVB20]. **Ca/P** [JCR+22, NZVB20]. **cachuatsi** [JML+24]. **Cádiz** [MSRGCG+23, RGTPSCCC24]. **Cadmium** [GWT+24, JKK24, RLB+23, SPQ+24, TCV+19, WCY+24]. **Cadmium-Induced** [SPQ+24]. **Caeca** [GMFG+24]. **Cage** [NNL+23, SNZ+23, ZLF23]. **Cages** [AHK+23, IBN+23]. **Calanus** [BHP+24]. **Calcified** [ZJC+22b]. **Caledonia** [LCW23a]. **Caliber** [JBGCG+24]. **California** [USRDFO+22, AFTÁPA+23, ASM+22]. **Caligus** [PSO+19]. **Callinectes** [KKB20]. **Calmodulin** [GWT+24]. **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, WZL+24, WLL+24, WLZ+22b, XCW+23, XYL+23, XWP+24, YLW+23b, YGD+23, ZLZ+24]. **capito** [SPQ+24]. **Captive** [BFM23, CYL+23, CHH+23, STZ+23, VPPF+19, ZQLW23]. **Captivity** [CLL+24, GGP+23, HAdM+24, OGMG+17, PPAB+18]. **Capture** [RJFCJC+21]. **Captured** [JTS+24]. **Car** [KSAB+23]. **Carangidae** [FGHYCA23, MBD+23]. **Carapace** [XXL+24]. **Carassius** [HGSE23, LHZ+23, LCC+24, 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]. **Carboxylase** [ZYT+24]. **Carcharhinid** [BSB+23]. **Carcharhiniformes** [WSON24]. **Carcharhinus** [KSWT22]. **carcharias** [HL24]. **Carcharodon** [HL24]. **Carcinus** [YE20]. **Cardiac** [PLY+24]. **Cardiomyocytes** [ZMA+24]. **CARES** [VM19]. **Caribbean** [HS24, ZVRH23]. **carinicauda** [HWX+23]. **Carotenoid** [GBT+24]. **Carp** [BAP22, CXW+23,

CHJ+23, GLW+22, HHP+24, HBG+20, KBCM19, LHZ+23, LCC+24, LWS+21, LWT+24, LJR+24, MLZ+21, MS20, MGS+23, NDC+23, NPT+24, RKHAMM22, RMA+18, SRL+19, SB20, Sus20, ULR+23, WML+21, WMZ+22, WSD+23, WZL+24, WZX+24, WWD+23, XHC+22, XLX+22, XYC+22, XYC+23, XCW+23, YWDP21, YXS+24, YLX+22, ZSQ+21, ZLZL23, ZSL+24, ZZC+22, ZJC+22a, ZS21]. **carpio** [CHJ+23, LWT+24, WSD+23, BAP22, BDŞ+24, CXW+23, KBCM19, MS20, XCW+23, YWDP21]. **Carps** [BGT+20, PVY+21]. **Cas9** [KEA+23]. **Cas9-Mediated** [XWR+23]. **Case** [CMB+24, 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, XW24, XYT23, ZJC+22a]. **Caspase** [LYL+24a]. **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, MGMG24, NGMR23, NNN23, PKSN23a, PKSN23b]. **Catechol** [KSSI24]. **catesbeiana** [XWW+24]. **Catfish** [AZY+24, AAAF+21, BHR+23, BBN+24, 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]. **Catostomus** [RHUJ24]. **Catshark** [BMSGS+18, BMMD22, DAF+22]. **Caudal** [VCL20]. **Caught** [AJF+22]. **Caulerpa** [LMNN21]. **Causal** [QXAY22]. **Causative** [LBH+24]. **Caused** [GLX+23, MYW+24]. **Causes** [BKJ+24, XLP23]. **Causing** [WCX+24]. **Cautious** [SMM+18]. **Caves** [KGP24]. **caviae** [XXL+22]. **Caviar** [LVB+20, RE21]. **Cefotaxime** [HSD+24]. **Cell** [CSGE23, CLJ+23, GHS20, QWY+24, SMH+24, ZQLW23, vKRNL+19]. **Cells** [BMMD22, DCL+23b, KKPY22, SMO+22, VCL20, YXS+24, ZMA+24]. **Cellular** [LWS+23b]. **Central** [BTSK24, CTTW23, DAF+22, SS23, TK24, YYW+23, BFB+23, KBK+23, KZC+24, NHC+23, VV23]. **Cephalophilis** [BPOS19]. **cephalus** [ATEfA+21, EES+23, GL23, GMDMT+23, MABÁMSM22, MBAM19]. **Cerastoderma** [ADM+24]. **cereus** [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, ZSL+24]. **Challenged** [EAJ+23, GCFA+22, HMP+24, JLW+24, JCY+23, LDD+22, NDC+23, SSSP21]. **Challenges** [And23, BKJ+24, DSC+19, GWT+24, SS23]. **Chamber** [CFLK21]. **Champlain** [YAS21]. **Change** [CS23, HB24, HHAG24, KKPL23, Kim23a, Kim23b, MSK+22, MML22, NPT+24, SMO+23, SRHCO23, SXQ+22, SBG+24, VSH23, WSA+23, dlCRMB+22]. **Changed** [ANA+23]. **Changes** [AGE+18, CGSBGN24, CYL+23, CBK+21, DAHM19, ERE21, Fra23, GLX+23, MJL+24, MSB+23, MAR+18, MLK+19, NGMR23, RJR+22, RGVG19, SPJ+24, TU18, THS+22, TJW+22, WKB+23, WM22, WDL+23, WSS+19, YLH+24, ZSZSS+22, ZZW+24, HMVRFD19]. **Changing** [CL19, FÅG+23, HMX+21, LOB+23]. **Channa** [ZWZ+24]. **Channel** [FHHC23, KEA+23, KBCM19, QXAY22, SYL+24, YAEAB23, ZLSB22, DMA22]. **Characteristics** [CLL+24, DSC+23, Gae16, Gae17, HHP+24, HSZ+22, HPJ+23, KCCK23, LHG+23,

SMH+22a, SJY+22, WGW+23, WXL+23, WDL+23, XZZ+24, XXL+22, YCR+23, YYH+24, ZQLW23, ZZW+24, ZWZ+24]. **Characterization** [APD24, AM24, BMMD22, CWW+23, CLJ+23, FCB+21, GWT+24, GMA+24, KJK+23, LMLH22, LLY+22, LWS+21, LYL+24a, MdM+23, MLZ+21, MCÁGHA+17, MPM+18, NWN+23, PBS+22, WLC+23, WHY+24, WCX+24, XHC+22, YSG+23, ZLSB22, ZSZ+23, ZLZL23, ZSL+24, ZZC+22, ZHX+24]. **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]. **Chemistry** [CZJ+24]. **Chemokine** [YLX+22]. **Chemotherapeutants** [MKH24]. **Chestnut** [CSV+19]. **Chief** [Hal23]. **Chile** [AAN22, BÁD+22]. **Chilean** [AFTÁPA+23, BS23, FGHYCA23]. **chilensis** [AFTÁPA+23]. **Chilled** [WDL+23]. **Chimaeras** [SDA23]. **Chimaeridae** [SQ23]. **China** [CLL+22, HWZ21, HSZ+22, LWD+23, ZCX+22, CHW21, FZZ+24, GWH+22, HXY+23, LKJ22, LCZ+23, LLWW23, LFH+23, LHL+24, LJP+22, LXT+22, LZL+23, QXAY22, RJR+22, STZ+23, WM22, WLL+23, WFL+23, WWY+23, WFZ+23, WFZ+24b, XW24, XLP23, XZZ+24, XJC+22, ZLF23, ZQLW23]. **chinensis** [GYH+23, TJW+22]. **chinensis-Supplemented** [GYH+23]. **Chinese** [AML+24, CZC+22, CWW+23, CZJ+24, GLX+23, HCZ+23, JLT22, LWZ+22, LXT+22, LZM+23, LLS+23, PLY+24, PNW+22, WHL+24, WWZ+24, XZD+24, XXL+24, XJC+22, YMD+21, YXS+24, ZHF+22b, ZLX+23, ZGY+23]. **Chionoecetes** [BASBW24, FBSB24]. **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, GAR+24, VV23]. **Chromatography** [JSLE23]. **Chromatography-Tandem** [JSLE23]. **Chromium** [HYN+24]. **Chronic** [CSL24]. **Chrosomus** [BMOH23]. **chuatsi** [DZC+22, LMLH22, XZD+24]. **Chub** [CKMT23, CPJK23a, CPJK23b]. **Chum** [WLL+23]. **Cichlasoma** [MCÁGHA+17]. **Cichlid** [JHNF24, LBH+24, MCÁGHA+17, SSSP21]. **Cimei** [SLL22]. **Cinnamon** [JBdFS+22]. **Circadian** [WLN+23]. **Circle** [KMS+17]. **Circularity** [CMB+24]. **Cirrhinus** [PVY+21]. **Cis** [XWR+23]. **Cis-Regulatory** [XWR+23]. **Citizen** [GSK+21]. **Citizen-Science** [GSK+21]. **Citral** [MMM+24]. **Citral-Supplemented** [MMM+24]. **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, ZSL+24]. **Classe** [RGVG19]. **Classes** [VKP+24]. **Classification** [JBGCG+24, JTS+24]. **clavata** [FPRAT+23, SSK+22, SSSS23, TMPP23]. **Cleaner** [Ims23, IBN+23]. **Clearhead** [TJW+22]. **Climate** [ANA+23, CS23, FÅG+23, HB24, HMX+21, Ho22, LUM18, LZZ+22, LOB+23, MSK+22, MML22, NPT+24, SMO+23, SRHCO23, SBG+24, VSH23, WZG+23, WSA+23, dlCRMB+22]. **Climate-Driven** [LZZ+22]. **Climbing** [PRPW23]. **Clinch** [BMOH23]. **Clinical** [AMT+24]. **Cloning**

[FLR+22, LYL+24a, LXZ+22, MKC+22, WPLK23, YLX+22, ZHF+22a, ZSL+24]. **Close** [Tri23]. **Close-Kin** [Tri23]. **Closed** [KTT24]. **Clostridium** [WLW+24]. **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]. **CoA** [ZYT+24]. **Coast** [FGG+22, MPK+23, ARH+23, EKL+23]. **Coastal** [AKM23, CLZ+24, FZZ+24, LKJ22, LCZ+23, LZL+23, MD21, NIN+19, Ols19, RGABD20, XQLA18, XW24]. **Cobia** [MKC+22, SCCM23]. **Cobitidae** [FŠS+23]. **Cocaine** [CGSBGN24, RCL+23]. **Coccidian** [DCL+23b]. **Cod** [KWK+24, MKN+16, PH23, SCSS23, YHH+20, vKRNL+19]. **Coelomic** [WKB+23]. **Coercion** [MTPK23, QAC23]. **Coexistence** [MD21]. **Coexisting** [RGTPSCCC24]. **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, ZYT+24]. **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** [HHM+24, PNW+22]. **Coloration** [WLL+24]. **Colossoma** [dAPAA+24, SBS+23]. **Colours** [FŠS+23]. **Columbia** [TBPJ23]. **Column** [INCD23]. **Comber** [MSRGCG+23]. **Combination** [HLK+23, JSJ+24, ZS21]. **Combine** [SMAR24]. **Combined** [GZX+22, HYN+24, 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, RKL24, RGVG19, SB20, WKB+23, YWDP21]. **Commonalities** [Mil23]. **Communities** [AWCS23, AGE+18, ENO21, EFG+23, GLX+23, HXS+23, HPJ+23, LHL+24]. **Community** [AML+24, GSH+24, HHAG24, HSZ+22, KBB+21, MBC+24, YLH+24, ZZW+24]. **Community-Based** [KBB+21]. **Comparative** [AEME+23, FLX+22, GWH21, IFA+23, KSSI24, LYL+24b, MSK+21, MTM+19, RWF+23, SLY+21, SJY+22, TMM+18, YZL+23, ZZ24]. **Compared** [AJF23]. **Comparing** [EBRS23]. **Comparison** [AML+24, CZJ+24, HZS+21, KZC+24, LZZ+22, MBC+24, MMY+17, SEA+23, WHL+24, YJZ+24, YHZ+23, ZLX+23, ZZY+23]. **Compatibility** [JLT22]. **Compensation** [SYL+24]. **Compensatory** [Näs18]. **Competition** [AGE+18, NHR20, YJK23]. **Competitive** [PB24]. **Competitiveness** [EvSCB23]. **Complete** [JJK21, LPK+23a, LPK+23b, PKY+23]. **Completely** [YLW+23a]. **Complex** [AHK+23, FWJ21, HBL+22, LHZ+24, SSK+22]. **Complexity** [DSC+19, HWW+24a]. **Complexone** [ZJC+22b]. **Compliance** [EvSCB23]. **Components** [JKK24, MZA+23]. **Composition** [AM24, AML+24, BTSK24, BEG+23, DZC+22, EAJ+23, FGBA+23, GSH+24, JSSD23, KŽM+23, LZM+23, PNW+22, PAVCCJVV24, RGVG19, SGG+21, TMD+19, ULR+23, WHL+24, WSE+21, XRX+23, YJZ+24, ZWZ22, ZHX+24]. **Compositions** [WZL+24, YYH+24].

Compound [HXS+23, ZWZ22]. **Compounds** [DDG+22, WDL+23]. **Comprehensive** [CS23, HGC+23, MSRGCG+23, PNW+22]. **Computer** [JBGCG+24]. **Concentrate** [CWP+21, XWP+24]. **Concentration** [dRCCLRNRWK21, PLC+24, ZJC+22b]. **Concentrations** [dOCCH+23, KSO+23, KJ22, MSK+21]. **Conch** [SPJ+24]. **Condition** [EHGS23, MH23, SGAC20]. **Conditionally** [CLJ+23]. **Conditioned** [GGP+23]. **Conditioning** [CPVMA+24]. **Conditions** [CL19, CBCMRD+23, EAJG24, 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** [DCD+24, Dul23, RCL+23]. **Conservation** [APD24, ANA+23, BMOH23, DNP+23, EBM24, FPRAT+23, JLT22, KSWT22, LKD22, MMAO22, PCO+23, SKSL23, SCBSSMA24, VM19, VMBT24]. **Conservation-Status** [MMAO22]. **Conservative** [FM21a]. **Consistent** [AWCS23]. **Conspecific** [LYL+23]. **constricta** [LLY+22]. **Constructed** [KMS+17]. **Consumed** [DMT+19]. **Consumer** [RLAE23]. **Consumption** [AHLC19, GLW+22, IFA+23, LLY+24, Poi24]. **Containing** [SBS+23]. **Contaminant** [DCD+24]. **Contamination** [LL22, ŢPN+23]. **Contemporary** [RKL24]. **Content** [GRKC19, GBT+24, MBAM19, RSA17]. **Contents** [OJC+23]. **Context** [dlCRMB+22]. **Continental** [dCPFS+24]. **Continuous** [RGABD20]. **Contributing** [YZL+23]. **Contribution** [LdRCV24]. **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]. **Copy** [EAJG24]. **Coral** [CZC23, CP24, LL22, SMAR24, ZVRH23]. **Coral-Associated** [ZVRH23]. **Cord** [LKU21]. **Coregonus** [BWKS20, LLKKV20]. **Coreius** [ZHX+24]. **Cornetfish** [TK24]. **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, XWP+24]. **Cottus** [CTTW23]. **Could** [Tri23]. **Counting** [LHZ+24]. **Countries** [BBF22, EN22]. **County** [XW24]. **Cover** [FÅG+23, NGMR23]. **CpG** [CCP+24]. **Crab** [BASBW24, EBRS23, FBSB24, GLX+23, JJB+24, KMB18, LWZ+22, LXT+22, LWS+23b, LLS+23, MBP+24, PLY+24, PNW+22, RWF+23, SYL+24, WLZ+22a, WHL+24, WWZ+24, YMD+21, ZZL+23, ZGY+23]. **Crabs** [AML+24, XXL+24, XJC+22, YE20]. **crassicornis** [WDL+23]. **Crassostrea** [LYL+24a, dOCCH+23, GLY+23, MSK+22, QWY+24, SLSC+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, UGH+24, VAT+23]. **Critically** [HCZ+23, LDX+23, VV23]. **Croaker** [CTY+21, CXT+24, LTZ+22,

dAMPS+23, USRDFO+22]. **crocea** [CTY+21]. **Crop** [HPJ+23]. **Cross** [DPGFL+22, HHAG24]. **Cross-Decadal** [HHAG24]. **Cross-Generational** [DPGFL+22]. **Crossing** [EBM24]. **Crowd** [Tay19]. **Crucian** [LHZ+23, LCC+24, MLZ+21, WML+21, WMZ+22, WZL+24, XHC+22, XLX+22, XYC+22, XYC+23, ZZC+22, ZJC+22a]. **Crude** [EEdCSOPJ+23, SdSdOSSL23]. **cruentata** [BPOS19]. **Crustacea** [BSH+23, KMB18]. **Crustacean** [HHAG24, JSSD23, MKH24, SFK+23]. **Crustaceans** [YJZ+24]. **Cryobank** [RDI+21]. **Cryptobenthic** [ZVRH23]. **Ctenopharyngodon** [HHP+24, LWS+21, WLL+22, WZX+24, ZSQ+21, ZSL+24]. **Cube** [XYT23]. **Cues** [LS19, LLY+24]. **Culter** [XWP+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, WHL+24, XJC+22]. **cumingii** [ZZT+23]. **Cuora** [KSAB+23]. **Curcumin** [EAJ+23, JML+24]. **Cured** [EA18]. **Curonian** [AIŠRB22, ISA+22]. **Current** [APD+23a, APD+23b, Ols19, SKSL23, TK24, 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** [BKJ+24, 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, BDŞ+24, 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, CSL24]. **Dace** [BMOH23]. **dactylifera** [HGSE23]. **Daily** [BBN+24, GFDPSR22, OGMG+17]. **Dalatiid** [DNP+23]. **Dam** [APS+21]. **Damage** [BB23, HWW+24b, MTHPJS+23]. **Dams** [ZS21]. **damselae** [MMD+23]. **Damselfish** [LDBL19, LL22]. **Danio** [BGMM+24, CAC+17, HFEH+23, LCWH22, MBPB24, Ord19, TU18]. **Danube** [BAA+23, BAA+23, SCT+24]. **Dar** [MBL20]. **Dark** [CFCE20]. **Darling** [RKL24]. **Darters** [BAA+19]. **Data** [CVANRD+21, CHW21, DOB+17, FGG+22, FYH+23, FB22, FWJ21, LSJ24, MBC+24, MKH24, MSA24, PB24, 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]. **Dazl** [YXS+24]. **DDEYOLOv9** [LHZ+24]. **ddRAD** [KBK+23]. **ddRAD-Based** [KBK+23]. **Decadal** [HHAG24]. **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, JBGCG+24, SZT+23, XLC+24, ZLF23]. **Deep-Sea** [ZLF23]. **Deepest** [KRAFO23]. **DeepOtolith** [PSP+22]. **Deepwater** [SBP23, WSON24]. **Defense** [ADM+24, 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, HS24]. **Demonstrate** [SB20]. **Demonstrates** [ZS21]. **Densities** [HSAF+23, LMNN21, NDC+23]. **Density** [AHK+23, BHR+23, dSGBdF23, HZS+21, JSSD23, LWG+23, LSL+24, LF24, MSB+23, NYS+23, SIZ+22, SLSC+24, TPA+24, ZWP+23, ZJM+23]. **dentex** [MNO+22]. **Deoxygenation** [KFS23]. **Dependent** [FDM+23a, LYL+23, dlCRMB+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, WSON24]. **Descriptive** [TMD+19]. **Design** [AHLC19, FLFF23, KBB+21, LLL+23, EEE21]. **Designating** [JLT22]. **Designation** [NNL+23]. **Designing** [WMZ+22]. **Designs** [EBM24]. **Destructive** [LOBTL22]. **Detect** [HBG+20]. **Detected** [VKP+24]. **Detecting** [LHZ+24]. **Detection** [AVT18, BFLC19, ITG+18, LSJ+22, LDZ+24, 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** [FBSB24, RGABD20]. **Deterrents** [ZS21]. **Detour** [BEF+23, JHNF24]. **Detrimental** [WHX+23]. **Developed** [VKP+24]. **Developing** [BFP+23, EN22, NRKT19, NIN+19]. **Development** [APD24, AJF+22, CAC+17, CMP+23, CBK+21, CZC+22, CZC23, CHH+23, CFP+23, CCFP19, HZG+21, JHLW24, 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, ZHX+24, dlCRMB+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, BGMM+24, CFCE20, FDM+23b, NZVB20, RGTPSCCC24, RSA17, SAB+22, VPP+22]. **Dicentrarchuss** [RRM+20]. **Dichichthyidae** [WSON24]. **dieffenbachii** [MLK+19]. **Diel** [BSB+23]. **Diet** [BEG+23, BHP+24, CWP+21, DZC+22, EPKV17, FGR19, GYH+23, MABÁMSM22, MMVVCJ+23, MMM+24, NdNFK+24b, NdNFK+24a, SFK+23, SLSC+24, WLL+22, WLW+24, WZX+24, WWD+23, YZH+24]. **Dietary** [ASM+22, AASQPU+23, BSGMC+22, BKBR+23, CSR22, CSL24, EAJ+23, GRKC19, GSHGE18, HLZ+22, JKK24, LHX+23, OSM23, OJC+23, QXM+24, SSSP21, SNSG+19, SCHT23, TPC+23, WGRM+19, WHX+23, WZL+24, WFZ+24a, XHC+22, XLX+22, XYC+22, XYC+23, XYL+23, XWP+24, YGD+23, YAEAB23, ZWZ22, ZYG+23, ZSZ+23, dAdSCC+23]. **Diets** [AAAF+21, BCG+23, CSR22, DCL+23a, Eny17, FQÁGTR+17, GMDMT+23, GMFG+24, GBT+24, JKP+23, MVPMAV+22, NRÁGPM+18, NYS+23, PAVCCJVV24, PJPMMV+22, PSW+23, SBS+23, TMD+19, XYL+23, ZWD+23]. **Differences** [AJF+22, BBCJ23, DM24,

LZM+23, Näs18, WYG+23, ZZ24, ZJC+22a]. **Different** [AGA+21, CZJ+24, CHH+23, CCP+24, dOCCH+23, CPVMA+24, DQC+23, GMFG+24, GGP+23, HSAF+23, IM24, JCR+22, KYB+23, LUM18, LDD+22, LWL+23, LVB+20, LMNN21, MNP+16, NdNFK+24b, NZVB20, PAVCCJVV24, 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, ZHX+24]. **Differential** [GWT+24, 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, MMM+24, NRÁGPM+18, PJPMMV+22, SSSP21, TCB+24, WZL+24, XYL+23, YBL+22, YHZ+23, dAdSCC+23]. **Digital** [JHLW24]. **Dihydrolipoamide** [LTZ+22]. **Dimensional** [ZTWK24]. **Dimensions** [KKFC+23]. **Dioxide** [INCD23, Sus20]. **Dipole** [SZSW21]. **Direct** [LPB+24, ŠT19]. **Directions** [MS20]. **Discarded** [MSRGCG+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, WCX+24, WBK+23, XLX+22]. **Diseased** [LBH+24, SNZ+23, WLZ+23, WFX+23, XXL+22]. **Diseases** [BAP22, LJR+24, Sha19]. **Disentangling** [BÁD+22, RRG22]. **Disinfectant** [HS18]. **Dismissed** [MSRGCG+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** [AML+24, KAJ+24, SFP17]. **Distinction** [MBD+23]. **Distinguish** [FJL+23]. **Distributed** [LZC+23b]. **Distribution** [BSR+20, BBN+24, CASMK23, DCD+24, Gae16, Gae17, GP17, Gre17, LCZ+23, LWD+23, LXW+24, MSA24, MDLA22, RSA17, RKS+24, SKD+23, SKF+23, TK24, WWY+23, WWZ+24, 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, ATM+24, BAA+23, CTTW23, GSH+24, JZX22, JCL+24, LHL+24, LZC+23b, RXL+24, SWUH23, SLDC23, WLZ+22a, XRX+23, YJK23, ZLL+23, ZGY+23, ZZZ+23]. **DNA** [AM24, AMK23, BAA+19, EAJG24, HBG+20, HZG+21, JZX22, OJC+23, SBS+24, WFZ+24b]. **dnd** [YXS+24]. **Do** [FÅG+23, IBN+23, YGD+23]. **Docking** [NWN+23]. **Does** [BF16, CCFP19, JCL+24]. **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]. **Dopamine** [CGSBGN24]. **Dormitator** [RMSPMC+22]. **Dorsal** [HL24]. **dorsalis** [ASM+22]. **Dose** [LYL+23]. **Dosidicus** [HZL+22, ZXY+24]. **Dottyback** [CZC23]. **Double** [CCP+24, RDANPA+24]. **Double-Stranded** [CCP+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+24b].

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, EAJG24, Kim23a, Kim23b, LPB+24, LGZ+23, MKC+22, MSB+23, MLK+19, NdNFK+24b, NdNFK+24a, PXH+24, PSO+19, RWF+23, SMH+24, SZSW21, THS+22, TJW+22, TRM+23, UDG+19, VCC+18, WLL+24, 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, SCBSSMA24, SB20, Tri23, YE20].

E-Nose [PBS+22]. **E.** [KSO+23, SZZ+23, YGD+23]. **E2** [LPB+24]. **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, UGH+24, AGE+18, DMA22, MMD+23, MGMG24, MLSC+23, RKS+24, SMM+18]. **Eat** [WDL+23]. **Echolocation** [CLL+24]. **eckloni** [ZZ24]. **Eco** [GZX+22]. **Eco-Substrate** [GZX+22]. **Ecological** [DCD+24, Fra23, FCT19, KKB20, KYB+23, LZL+23, MWPS23, MWPS24, MBL20, PYP17, Poi24, RTBL+18, WSL+23, dlCRMB+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, JHLW24, LJP+22]. **Ecosystem** [APD+23a, APD+23b, KAB+20, SS23, ZTWK24]. **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, ATM+24, HBL+22, PKSN23b]. **edodes** [XYL+23]. **Edwardsiella** [WSZ+23, YLW+23a]. **Eel** [BGMM+24, JKP+23, LPB+24, MLK+19, MDLA22, PRPW23, RCL+23, ZWZ22]. **Eels** [DMA22, EFG+23, HMVRFD19, SLYY23, WHX+23]. **EF** [JML+24]. **EF-24** [JML+24]. **Effect** [AAAF+21, AHK+23, ASM+22, BSGMC+22, BHP+24, CWMX21, CFCE20, CZC+22, CL21, CPJK23a, CPJK23b, DO24, EPKV17, GMBR+21, GYH+23, GSH+24, HV24, HXS+23, HYN+24, 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, QXM+24, RRM+20, RXL+24, SZZ+23, SAC23, SAB+22, SIZ+22, WGRM+19, WZX+24, WHM21, WCY+24, ZWZ22]. **Effective** [AHLC19, HIO+19, HCZ+23, LXW+24]. **Effectively** [NYS+23]. **Effectiveness** [GZF+22]. **Effects** [AEME+23, BDŞ+24, BHR+23, BSH+23, BEF+23, CZW+23, CSGE23, CSL24, CCP+24, CFP+23, DÁ23, DDN19, DK22, DPGFL+22, DSC+23, EAJ+23, EAE+23, EAJG24, FMXQ23, FMBPC+23, FHF23, FLB+21, GL23, GMDMT+23, GGP+23,

dSGBdF23, GSHGE18, GZX+22, HLK+23, HHP+24, HGSE23, HL24, 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, PXH+24, PHB+23, PCH+24, dAPAA+24, PH23, RKHAMM22, RHU+23, RCL+23, SSSP21, SMO+23, SBP23, SZF+21, SPJ+24, 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, WZL+24, WFZ+24a, WLL+24, WSA+23, Web23, WMD+24, WSE+21, WLZ+22b, XLX+22, XYC+22, XYC+23, XYL+23, XWP+24, YLW+23b, YHZ+23, ZLZ+24, ZYG+23, ZWP+23, ZYT+24, dAdSCC+23, vKRNL+19]. **Efficacy** [CG20, IR22, LDD+22, PSN18]. **Efficiencies** [APAHBMAG23]. **Efficiency** [BBF22, CGY+23, KKFC+23, MSB+23, SNK+23, TVL21, ZLF23]. **Efficient** [TPA+24]. **Effluent** [LMC21]. **Effort** [LSJ24, SHT+23, WLM+20]. **Efforts** [HDW+23]. **EGb** [CXW+23]. **Egg** [RAR+18]. **Eggs** [PAVCCJVV24, 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** [MMMNAG23]. **Embryogenesis** [DIL+22, EAJG24, LLY+24]. **Embryonic** [CZC+22, CZC23, DK22, LXZ+22, THS+22, UDG+19, YXS+24, dlCRMB+22]. **Embryos** [CGSBGN24, LL22, Ord19, XWR+23]. **Emerging** [Näs18]. **Emphasis** [AJF23]. **Empirical** [CHW21, HWZ21]. **Enclosed** [SXQ+22]. **Encounter** [AHLC19]. **Encounters** [FÅG+23]. **encrasicolus** [DQC+23]. **Endangered** [APD24, HCZ+23, KSAB+23, LDX+23, MJL+24, SKSL23, VV23]. **Endangerment** [YZL+23]. **Endemic** [HVRCG18, VMBT24]. **Endo** [PKC+19]. **Endo-** [PKC+19]. **Endo16** [XWR+23]. **Endocrine** [RLB+23, SAGG+23, VCC+18]. **Endocrinology** [KJ22]. **Endogenous** [WFZ+24a]. **Endotoxin** [LS19]. **Endurance** [VF23]. **Energetic** [BB23]. **Energy** [HYN+24, LWS+23b, MdM+23, ZLZ+24]. **Engagement** [UGH+24]. **English** [DMA22]. **Engraulis** [AAN22, DQC+23, FZZ+24]. **Enhance** [BFP+23, CXW+23]. **Enhancement** [GBT+24, HHL+20, JCL+24, TOB+23]. **Enhancer** [AHJ+23]. **Enhances** [LCWH22, XCW+23]. **Enhancing** [JBGCG+24, OO24, WLW+24]. **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]. **Entropy** [KTT24]. **Environment** [HBL+22, LXW+24, LJP+22, LWZ+23, WLZ+23, ZXY+24]. **Environmental** [AJF23, AM24, 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, LHL+24, NKC+21, RJMVC+18, RJTVC+19, ST17, VK23, WKB+23, WM22, WGW+23, WWY+23, WFZ+24b, YYW+23, ZTWK24]. **Environmentally** [TPA+24].

Environments [CPVMA+24, LHZ+24, VLCCA+23]. **Enzymatic** [LYL+24b, ULR+23, WLW+23]. **Enzyme** [DRFCL23, DZC+22, ERE21, MBAM19, MLK+19, MMVVCJ+23, NRÁGPM+18, PJPMMV+22, WZL+24, XYL+23, YBL+22, YHZ+23, ZZL+23, dAdSCC+23]. **Enzymes** [FMBPC+23, LGZ+23, LYL+24b, MVPMAV+22, MMM+24, SSSP21, TPC+23]. **Enzymology** [FLB+21]. **Epidemiology** [ŢPN+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, WHL+24, WWZ+24, XXL+24, XJC+22, YMD+21, ZGY+23]. **ERK** [LWS+23a]. **Error** [CBANCM+21]. **Erythrocyte** [SSK+22]. **Erythrocytes** [CSGE23, MTHPJS+23, SSSS23]. **erythropterus** [LGZ+23]. **Esc** [YLW+23a]. **Esox** [FWJ21, Mee24]. **Especially** [APS+23]. **Essential** [BSH+23, GMBR+21, JBdFS+22, SBS+23, dAdSCC+23]. **Establishment** [CLJ+23, LDZ+24, 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, LHL+24, SFP17, GTC+17, SLYY23, WSL+23]. **Ethmalosa** [DTS+17]. **Ethyl** [CWMX21]. **Eupercaria** [dAMPS+23]. **Europe** [Fra23, EFQ23, NPT+24, RRG22]. **European** [AHJ+23, ANA+23, AVT18, BFB+23, BAS+19, BBF22, BGMM+24, CFCE20, CMC+24, DMA22, EFG+23, FGR19, FB22, FDM+23b, GFDPSR22, HMVRFD19, LLKKV20, MDLA22, NZVB20, RGTPSCCC24, VPP+22, XQLA18]. **Eurozone** [BBF22]. **Euryhaline** [WLT23]. **eurystomus** [KZC+24]. **Euthynnus** [MLSC+23]. **Evaluate** [FWJ21, MU21]. **Evaluating** [BDŞ+24, FYH+23, GLH+23, KBB+21, MD21, MGMG24, 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, XYF+24, YLX+22]. **Evasion** [QAC23]. **Events** [HBG+20]. **Evidence** [CSJ+23, GP17, KKPL23, LKJ22, PWCL23, VMBT24, WHM21, ZAM+23]. **Evolution** [AMT+24, Gae16, Gae17, MBZ+21, SDA23, ZQL+23]. **Evolutionary** [DNP+23, Fed23]. **Ex** [CYL+23]. **Examination** [HL24]. **Examined** [CHH+23]. **Examples** [SBP23]. **Excluder** [CLL23a]. **Exclusive** [HZL+22]. **Excretion** [JCR+22, TU18]. **Exercise** [LWS+21]. **Exhibits** [DTS+17, LJR+24]. **Exogenous** [PXH+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** [ADM+24, ZCX+22]. **Exporting** [EN22]. **Exposed** [ADM+24, AGA+21, BAS+19, dOCCH+23, HLZ+22]. **Exposure**

[BMSGS+18, BSH+23, CGSBGN24, DLL+23, DIL+22, LZW+24, 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, GWT+24, GLY+23, GRKC19, GGF+22, JKP+23, KJK+23, LCC+24, 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, ZSL+24, ZWZ+24, ZCT+23, ZYT+24, vKRNL+19]. **Expressions** [ZHF+22a]. **Extended** [CPJK23a, CPJK23b]. **Extension** [JROHVH+23]. **Extent** [RKL24]. **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]. **Faceted** [DCD+24]. **facetus** [BSR+20]. **Facilities** [CLZ+24, WXL+23]. **Factor** [EBH21, KJK+23, SHW+23, ŢPN+23]. **Factors** [BÁD+22, CH23, HWZ21, LWD+23, LFH+23, LHL+24, NHC+23, RAR+18, SGAC20, VČ24, VK23, WM22, WHY+24, WWY+23, XZZ+24, YZL+23, ZWZ+24]. **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, WSON24, 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, TPA+24]. **Farms** [JLT22, JKK+20, KYB+23, MDF+23, NKC+21, NHC+23, SNZ+23]. **fasciatum** [PCH+24]. **Fasting** [FMBPC+23, dAPAA+24, ZSZ+23]. **Fat** [WZX+24]. **Fathead** [LMC21]. **Fatty** [ASM+22, BKBR+23, HZL+22, LZM+23, MNP+16, PSW+23, TMD+19, VKP+24, ZSZ+23, ZYT+24]. **Favor** [SCSS23]. **Feasibility** [LJX+21]. **Features** [GWH+22, KMSO18, ZXY+24]. **Fecundity** [DTS+17]. **Fed** [ATEfA+21, BCG+23, CWP+21, DZC+22, GMFG+24, GBT+24, MMVVCJ+23, MMM+24, PAVCCJVV24, SBS+23, SEA+23, SGG+21, TMD+19, WLW+24, 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, OO24, Pao23, VH20, XCW+23, YAEAB23, ZLX+23, ZWD+23, ZHHO23]. **Feedback** [LPB+24]. **Feeder** [EEE21]. **Feeders** [CMC+24]. **Feeding** [AHK+23, Ang18, BTSK24, BWKS20, CSF+23, HZL+22, KSO+23, KKPY22, KKFC+23, LSS+22, LOBTL22, MSRGCG+23, RGTPSCCC24, TJTV+23, WLL+23, WLL+24, WFZ+23, XSZ+23, dSSBdS23]. **Feeds** [GHS20, MBAM19, RRM+20, RGVG19]. **Feedstuffs** [BSGMC+22]. **felis** [OJC+23]. **Female** [CBK+21, DOB+17, JSJ+24, LYL+24b, QAC23, RAR+18, SBP23, SLY+21, FHHC23, JCR+22, PYJ+23, SZZ+23, WZL+24, YGD+23]. **female-sign** [FHHC23, WZL+24]. **Females** [PAVCCJVV24]. **FEMP** [BBF22].

Fermentation [FDM+23b, XYL+23]. **Fermented** [WLW+23, WZL+24, XYC+22, XYC+23, ZYG+23]. **Fertility** [RAR+18, ZSL+23]. **Fertilized** [LdRCV24]. **Fidelity** [SBT22]. **Field** [Ang18, GAR+24]. **Fifteen** [APD24]. **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** [HL24, VCL20]. **Fin-Mounted** [HL24]. **Final** [PYP17]. **Finding** [KMB18]. **Findings** [dCPFS+24]. **Fine** [MSA24, SLY+21]. **Fine-Patterned** [SLY+21]. **Fine-Scale** [MSA24]. **Finfish** [JE18, NNL+23, RAR+18]. **Fingerling** [RJTVC+19, SNK+23]. **Fingerlings** [NDC+23]. **Finless** [CYL+23, CLL+24, FLX+22, LCZ+23]. **finmarchicus** [BHP+24]. **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, TK24, VMDV+22]. **First-Generation** [JFP+18]. **Fish** [AM24, AMK23, AIŠRB22, APS+23, AGE+18, AJF+22, BTSK24, BB23, BAA+23, BCG+23, BBCJ23, CL19, CSGE23, dRCCLRNRWK21, CXW+23, CLL23a, CZC23, CP24, CFLK21, CSSMV+23, DCD+24, DCL+23a, DMT+19, DM24, DPGFL+22, DTS+17, DO24, EM23, EBM24, EPKV17, ENO21, EFQ23, EMFZ+18, FDM+23a, FLFF23, Fra23, GTC+17, GBT+24, Gre17, GZX+22, HARB23b, HIO+19, HHAG24, HYN+24, HPJ+23, Ims23, IBN+23, ILA22, INCD23, ITG+18, JBGCG+24, JSLE23, JJK21, JZX22, JK24, JHNF24, KTT24, KJ22, KAB+23, KFS23, KAB+20, KYB+23, LKU21, LMB+23, LMLH22, LSJ+22, LWD+23, LFH+23, LHZ+24, LHL+24, LWS+21, LJX+21, LL18a, LL18b, LWT+24, LWZ+23, LYY+24, LBH+24, LF24, MdM+23, jMlL23, 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]. **Fish** [OMC+19, OOTC24, Ols19, Pao23, PKY+23, PSP+22, PWH+23, PKSN23a, PKSN23b, QXM+24, QPDGF+23, RKHAMM22, RLB+23, RLAE23, RJR+22, RTBL+18, RDG+20, RKL24, RRG22, SGAC20, SRBCGV+21, SAL19, SMO+23, SMH+24, SCSS23, SKD+23, EEE21, SAGG+23, SMAR24, 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, WLW+24, WMD+24, WFZ+23, WFZ+24b, XYC+22, XYC+23, XCW+23, XWP+24, YLW+23a, YJK23, Zac22, ZAM+23, ZMA+24, ZZW+24, dSJC+21, dSSBdS23]. **Fish-Based** [SXQ+22]. **Fished** [MMAO22]. **Fisher** [JLT22, LV23, MFKS23, SKL+23, TOB+23, UGH+24]. **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, XW24, XYT23, YYW+23, YSY+23]. **Fishermen** [SRHCO23]. **Fishery** [APAHBMAG23, CHW21, Fer23, HB24, Ho22, JHLW24, LLTM17, LJP+22, Liu24, MBC+24, MGMG24, MTPK23, MBP+24, NWN+21, NWN+22, NIN+19, PWCL23, dCPFS+24, Sam24, ŢPN+23, TDN+22, WHM21, XW24, YLL22, ZXY+24, ZCX+22]. **Fishery-Processing** [NWN+22]. **Fishes** [CGY+23, CPJK23a, EHGS23, Fed23, FCF19, FLFF23, HMX+21, Kim23a, KCCK23, KGP24, 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, OOG24, PMFBI22, PB24, TTT23, VK23, WYL23, XQLA18, XLC+24, ZZW+24]. **Fishmeal** [ATEfA+21, BCG+23, CSR22, FLB+21, ZMLFS+20]. **Fishway** [PAMG19]. **Fistularia** [TK24]. **Fitness** [MH23]. **Fitting** [MOW+18]. **Five** [ZZZ+23]. **Fivespot** [LPK+23b]. **Flagellar** [SZZ+23]. **Flannelmouth** [RHUJ24]. **Flat** [SRBCGV+21]. **Flat-V** [SRBCGV+21]. **Flathead** [EES+23]. **flavescens** [CWP+21, NHR20]. **Flavobacterium** [VČ24]. **Flavor** [HHP+24, PBS+22, WDL+23]. **flavus** [EAJ+23]. **Flaws** [LBC+24]. **Fleet** [PMFBI22, YYW+23]. **Flesh** [MGS+23]. **Flexible** [MOW+18]. **fliL** [SZZ+23]. **Floating** [AHK+23, HLK+23, RXL+24]. **FLOCponics** [HPJ+23]. **Flood** [PCH+24]. **Flora** [SJY+22]. **Florfenicol** [SEA+23]. **Florida** [LLTM17, BPCC23, CH23, EKL+23, MPK+23]. **Flounder** [CCP+24, JKK+20, JKK24, LPK+23b, YLW+23b, YSY+23, ZLZ+22]. **Flow** [PRPW23, TKF+18, WMD+24, ZLZ+24]. **Flow-Through** [TKF+18]. **Fluctuating** [MH23]. **Fluctuation** [SNSG+19]. **Fluctuations** [LZZ+22]. **Fluid** [RDE+23, VAT+23, WKB+23]. **Fluidized** [SLSC+24]. **Flunixin** [MSK+21]. **Fluorescence** [LSY+17]. **Fluvial** [dRCCLRNRWK21]. **Fluvial-Lagoon-Deltaic** [dRCCLRNRWK21]. **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, ZSL+24]. **Food** [AA23, LMLH22, LdRCV24, 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** [KSSI24, PSS+18, RAR+18]. **Formulated** [CWP+21, DZC+22]. **Fortification** [BF16]. **Fostering** [NNL+23]. **Fotemustine** [DIL+22]. **Fouling** [TPA+24]. **Foundation** [LDW+21]. **Four** [AIŠRB22, GAR+24, 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]. **Frass** [YAEAB23]. **Free** [BCG+23]. **Freeze** [DSC+23]. **Freezing** [HYXY23]. **French** [AKM23]. **Frequency** [CXT+24, LGZ+23, PWH+23]. **Frequency-Specific** [CXT+24]. **Frequently** [DMT+19]. **Fresh** [DRH18, DMT+19, RDG+20]. **Freshness** [LSY+17]. **Freshwater** [BPCC23, CLL+23b, CGY+23, DCR+23, EFQ23, GAR+24, 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]. **Friendly** [TPA+24]. **Frigate** [ZCX+22]. **Fringe** [BBN+24]. **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, LHL+24, LYL+24a, Mil23, MPK+23, OO24, YAEAB23, ZCT+23, ZYH+24]. **Functionality** [BSGMC+22]. **Functions** [CL19, SRL+19, TJW+22]. **Fund** [BBF22]. **Fungicide** [NWN+23]. **Fungus** [PSS+18].

furcatus [FHHC23]. **Furong** [WZL+24]. **Fusarium** [EAE+23, PSS+18]. **fuscoguttatus** [HAC+23, SZZ+23, WYG+23, YGD+23]. **Future** [APD+23a, APD+23b, EBM24, 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]. **Galápagos** [JJB+24]. **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, dlCRMB+22]. **gariepinus** [AZY+24, BHR+23, Eny17, EPKV17, SBB+19, WSE+21]. **Garlic** [JROHVH+23]. **gasar** [dOCCH+23, SLSC+24]. **gasterostei** [GMMNRS18]. **Gasterosteus** [BEMC23, DLL+23, GMMNRS18, JBK+23, KAJ+24, SAL18]. **Gastrointestinal** [ATM+24]. **Gate** [ZS21]. **Gauging** [SRBCGV+21]. **GC** [PBS+22]. **GC-IMS** [PBS+22]. **GCRV** [YLX+22]. **Gear** [MBC+24]. **Gehu** [RJR+22]. **Gelatin** [EEdCSOPJ+23]. **gen** [CSJ+23]. **Gender** [ZHF+22b]. **Gene** [ASM+22, CYL+23, CMP+23, ERE21, FCB+21, GWT+24, GLY+23, GRKC19, GGF+22, JKP+23, KEA+23, LCC+24, LLY+22, LYL+24a, 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, ZWZ+24, ZHQ+23, ZCT+23, ZYT+24, ZZC+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, ZYT+24]. **Genetic** [ARH+23, ANA+23, APD+23a, APD+23b, CTTW23, CSB+20, CMP+23, FHF23, HCWH20, HHL+20, HCZ+23, HZZ+23, JCL+24, KBK+23, LDBL19, LZC+23b, MBPB24, NTP+21, SWUH23, WTC+22, WLZ+22a, WFL+23, ZLL+23, ZGY+23, ZZZ+23]. **Genetically** [HLZ+22, SML+23a]. **Genetics** [BMOH23, FGHYCA23, Hal23, LYY+24]. **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]. **Genotypes** [LBH+24]. **Gentian** [FMXQ23, WLN+23]. **Genuine** [XJC+22]. **Genus** [APD24, MBD+23, MLSC+23, WLZ+22a, WBK+23]. **Geographic** [BGT+20]. **Geographic-Scale** [BGT+20]. **Geography** [RE21]. **Geometric** [KMSO18, XXL+24]. **Geosmin** [LLKKV20]. **Germ** [YXS+24, 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, SLSC+24, ZXY+24]. **Gill** [FMXQ23, FQÁGTR+17, ZZT+23, ZZW+22]. **Gillnet** [FM21a, MGMG24, 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, GMFG+24, 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]. **glanis** [BBN+24]. **Glass** [SLYY23]. **glaucum** [ADM+24]. **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** [ZZC+22]. **Glycine** [EPKV17]. **Glycogen** [WLC+23, WLT23]. **Glycolipid** [HLZ+22, YGD+23]. **Glycoprotein** [JK24]. **GnRHa** [JFP+18]. **Goal** [Liu24]. **Gobiid** [ZVRH23]. **Gobiidae** [KRAFO23, ZVRH23]. **Gobiiform** [KRAFO23]. **Gobiiformes** [KRAFO23]. **Gobius** [KRAFO23]. **Goby** [AAB+18, CHH+23, KAR+23, LMMC+22, PKSN23a, PKSN23b]. **Golden** [FŠS+23, GGL+23, WLW+23]. **Goldfish** [HGSE23]. **Goliath** [AKM23, BC23, EKL+23, MPK+23, Tri23]. **Gonad** [BWKS20, LPB+24, VCC+18, ZQLW23]. **Gonadal** [CBK+21, LXZ+22, MKC+22, YXS+24, YYH+24, ZLZ+22, ZCT+23]. **Gonadotropin** [PXH+24, WSI+19]. **Gonadotropin-Releasing** [WSI+19]. **Gonads** [MYY+23]. **gonionotus** [DRH18]. **Gonochorism** [MPK+23]. **Good** [SMM+18, SBG+24]. **Gourami** [DAHM19, DM24]. **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** [BDŞ+24, LMNN21]. **Grapevine** [HFEH+23]. **Grapsus** [JJB+24]. **Grass** [HHP+24, HBG+20, LWS+21, LJR+24, SFP17, WZX+24, WWD+23, YLX+22, ZSQ+21, ZSL+24]. **grayii** [WTC+22]. **Grayling** [ZLZ+24]. **Graysby** [BPOS19]. **Great** [HL24, FLFF23]. **Greater** [GMA+24, JFP+18, NRKT19]. **Greatest** [EBM24]. **Greece** [TK24, CBP+24, KMB18, KKB20]. **Greek** [GASS+22, PB24, SKL+23]. **Green** [CPJK23a, CPJK23b, GBT+24, HAC+23, LBH+24, MCÁGHA+17, YE20]. **greenei** [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, LDZ+24]. **Grouper-Snapper** [HWW+24a]. **Groupers** [FMXQ23]. **Grow** [NdNFK+24b]. **Grow-Out** [NdNFK+24b]. **Growth** [ATEfA+21, AEME+23, ASM+22, AGA+21, BDŞ+24, 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, FZZ+24, 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, LdRCV24, LCWH22, LWT+24, LSL+24, LOT+22, LCX+23, LMNN21, MSB+23, MWZ+23, MPM+21, MIHH23, MVPMAV+22, MMVVCJ+23, MOW+18, MMM+24, MPK+23, Näs18, NRÁGPM+18, PSS+18, PNW+22, PCH+24, PJPMMV+22, dAPAA+24, QXM+24, RRM+20, RHU+23,

RDANPA+24, RJTVC+19, SSSP21, SNSVFL23, SBS+23, SLY+21, STZ+23, SGG+21, SBB+19, SCT+24, SJY+22, SNK+23, TJTV+23, ULR+23, VH20, WML+21, WSD+23, WYG+23, WHL+24, WZL+24]. **Growth** [WFZ+24a, WLW+24, WLL+24, WSA+23, WSE+21, WLZ+22b, XLX+22, XRX+23, XCW+23, XWP+24, XWW+24, YLW+23b, YCR+23, YHZ+23, ZMLFS+20, ZWZ22, ZSH+23, ZYG+23, ZWZ+24, ZZ24, ZLX+23, dAdSCC+23]. **Growth-Promoting** [JBdFS+22]. **grubii** [ZLZ+24]. **GSK3** [WLC+23]. **Guadiana** [GTC+17]. **gualpensis** [GLH+23]. **Guaratuba** [CFM+23]. **Guaratuba-Babitonga-Itapocu** [CFM+23]. **Gudgeon** [ZHX+24]. **Guiana** [AKM23]. **guichenoti** [ZHX+24]. **Guilds** [Fra23, WSL+23]. **Gulf** [AFTÁPA+23, BMTR23, KMB18, LWD+23, SWS22, USRDFO+22, MSRGCG+23, RGTPSCCC24, SXQ+22]. **Günther** [AFTÁPA+23]. **Guppies** [BEF+23]. **Guppy** [GBT+24]. **Gut** [ATEfA+21, AML+24, BSGMC+22, CSL24, 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, PEP24, SKF+23, SMAR24, YWL+24, ZCX+22, ZVRH23]. **Habitats** [AM24, DMA22, MNP+16, WSL+23, YLH+24]. **Habits** [BTSK24, MSRGCG+23, OJC+23, RGTPSCCC24, WLL+23, XSZ+23]. **haematopterus** [CHJ+23, WSD+23]. **Haemocytes** [ADM+24]. **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]. **Harnessing** [LYY+24]. **Harvest** [BGT+20, MMSK21]. **harveyi** [LDZ+24]. **hasta** [MMY+17]. **Hatcheries** [BKJ+24]. **Hatchery** [TRM+23, VRKV24]. **Hatching** [CHJ+23, Ord19, VKP+24]. **hCG** [LPB+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, DCD+24, GMA+24, LZH+23, LW18, OOTC24, Sha19, SOW+23, SNK+23, ULR+23, WHX+23, WLW+24, WFZ+23, XWP+24, ZWP+23]. **Heart** [CLJ+23, PLY+24]. **Hearts** [ZMA+24]. **Heat** [HZS+21, ZHF+22a]. **Heatwaves** [LPF+23]. **Heavy** [MS18, WFZ+23]. **Heckel** [APD24]. **Heel** [BAA+23]. **Helminths** [EFG+23, EFQ23]. **Hematological** [DCR+23, JKK24, SCCM23]. **Hematology** [HS18, RHU+23]. **Hemorrhagic** [CCP+24, QXAY22]. **Hepatic** [HLZ+22, KWK+24, KSSI24, LYL+24b, MMM+24, YZH+24]. **Hepatopancreas** [HWX+23]. **Hepatopancreatic** [LJK+22]. **hepatopenaei** [HWX+23]. **Hepatorenal** [RIF+23]. **hepatus** [MSRGCG+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]. **Heterozygosity** [MBPB24]. **Hidden** [TCD+21]. **Hierarchical** [YJK23]. **HIF** [PLJ+23]. **HIF-1** [PLJ+23]. **High** [BEMC23, dSGBdF23, HJE+23, HYN+24, HLZ+22, LSL+24, MBAM19, MDVM+23, NDC+23, NYS+23, PLY+24, QL22, RCR+23, Tay19, TMD+19, WGW+23, WZX+24, XYL+23, SBG+24]. **High-Density** [NYS+23]. **High-Fat** [WZX+24]. **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, WFZ+24a]. **Histone** [LLY+22]. **Histopathological** [AMT+24, EAJ+23, HYN+24]. **Histopathology** [CLL+23b, EES+23]. **Historical** [APD+23a, APD+23b, LBC+24, PB24]. **History** [SMO+23, SMH+22a, VH20, WTC+22, YE20]. **Hobbyists** [VM19]. **Holistic** [FCT19]. **Holocephali** [SQ23]. **Home** [HMVRFD19]. **Homeostasis** [WLN+23]. **Hong** [QWY+24]. **hongkongensis** [LYL+24a, QWY+24]. **Hook** [YXS+24]. **Hookline** [RJFCJC+21]. **Horizon** [HDW+23]. **Horizontal** [LCW23a]. **Hormonal** [PKV+22]. **Hormone** [CMP+23, CPJK23a, CPJK23b, KJ22, PXH+24, WCY+24, WSI+19]. **Hormones** [CBK+21, PXH+24, ZWZ+24]. **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** [LHL+24, WSD+23]. **Hubbs** [CSJ+23]. **Hucho** [LDX+23, WWY+23]. **Hue** [LYY+24]. **Human** [DCD+24, LW18, RCL+23]. **Humoral** [SSSP21]. **Huron** [PKSN23a, PKSN23b]. **Husbandry** [PLV+19]. **Huso** [JCR+22, Kim23a, Kim23b]. **Hyalella** [BSH+23]. **Hybrid** [FHHC23, HAC+23, JCR+22, Kim23a, Kim23b, MMVVCJ+23, PYJ+23, SZZ+23, WFX+23, XWP+24, YGD+23, ZSL+23]. **hybridus** [MBL20]. **Hydrodynamic** [WXL+23, ZTWK24]. **Hydrolagus** [SQ23]. **Hydrological** [dSCFQB+23]. **Hydrologically** [FWJ21, HBL+22]. **Hydrolysate** [BHP+24, SNK+23]. **Hydrolysates** [NdNFK+24b, NdNFK+24a]. **Hydrolysis** [MABÁMSM22]. **Hydropeaking** [WSA+23]. **hydrophila** [AEME+23, GWT+24, JLW+24, LCWH22, MYW+24, PYJ+23, PSN18, dCPRG+21, SSSP21, SNK+23, ZLSB22]. **Hydrophobic** [HIO+19]. **Hydropower** [BFLC19]. **Hydroquinone** [KSSI24]. **Hyper** [LYL+24a]. **Hyper-Salinity** [LYL+24a]. **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]. **Ib** [AMT+24]. **Iberian** [RGTPSCCC24, SGAC20, PAMG19, SRBCGV+21]. **Ice** [FÅG+23]. **Iced** [JROHVH+23]. **Icefish** [TJW+22]. **Ichthyofauna** [LKD22]. **Ichthyoplankton** [PWH+23, SCBSSMA24]. **Ichthyoplanktonic** [AGC23]. **ictaluri** [YLW+23a]. **Ictalurus** [FHHC23, KBCM19, QXAY22]. **Idaho** [CTTW23]. **idella** [LWS+21]. **idellus**

[HHP+24, WLL+22, WZX+24, ZSQ+21, ZSL+24]. **Identification** [AAN22, CMP+23, CWW+23, EEdCSOPJ+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, UGH+24, ZJJ+22]. **Identifies** [RWF+23]. **Identify** [EAJG24, YXS+24]. **Identifying** [CLZ+24, UGH+24]. **IGF** [GRKC19]. **IGF1** [Web23]. **IGF2** [Web23]. **Iglésias** [KRAFO23]. **IgM** [ZLSB22]. **II** [FYL+23, GLY+23, KSSI24]. **III** [AMT+24]. **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]. **immaculata** [SCT+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, RXL+24, SMO+22, SMH+24, SEA+23, SPQ+24, VCC+18, VPP+22, WML+21, WLL+22, WFZ+24a, WBK+23, XYF+24, YMD+21, ZAM+23, ZMA+24, ZHQ+23]. **Immune-Endocrine** [VCC+18]. **Immune-Related** [JLW+24, PSO+19]. **Immunity** [EES+23, GBT+24, HFEH+23, HYN+24, LCWH22, LDD+22, LWT+24, LHX+23, MZA+23, MMM+24, QXM+24, SSSP21, XLX+22, YZH+24, YHZ+23, Zac22, ZYG+23]. **Immunization** [PSN18]. **Immunoassay** [SLC+22]. **Immunohistochemical** [SMH+24, ZMA+24]. **Immunological** [DCL+23a, HGSE23, SAC23]. **Immunoprotective** [GYH+23]. **Immunoregulation** [SCHT23]. **Impact** [AZY+24, BAA+23, CXT+24, DPGFL+22, EBH21, IBN+23, INCD23, JHLW24, JKK24, MBC+24, MFKS23, NKC+21, RIF+23, SRHCO23, SZSW21, VSH23]. **Impacts** [CBP+24, CS23, DLL+23, HJE+23, KFS23, LFH+23, MML22, NGMR23, ZSH+23, ZTWK24]. **Impaired** [LMMC+22]. **Impairment** [BB23]. **Implementing** [SS23]. **Implication** [BFB+23]. **Implications** [AHLC19, APD+23a, APD+23b, BKBR+23, ENO21, FCT19, TPC+23, dlCRMB+22]. **Important** [BAP22, Gre17, RKHAMM22]. **Imported** [SBS+24]. **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** [CMB+24, CMC+24]. **In-Pond** [FHHC23]. **Inactivated** [XYF+24]. **Inadequate** [PWH+23]. **Including** [GMFG+24]. **Inclusion** [BHP+24, MVPMAV+22, MMVVCJ+23, RRM+20]. **Income** [MFKS23]. **Incomes** [WM22]. **Incorporating** [QL22]. **Incorporation** [PJPMMV+22]. **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, MBP+24]. **Indices** [AGC23, CMC+24, CXT+24, KŽM+23, RIF+23, TMPP23, XYC+22, XYC+23, YLH+24]. **indie** [LCWH22]. **Indigenous** [GTC+17]. **Individual** [CBANCM+21, GFDPSR22, KCCK23, WSA+23]. **Individual-Based** [WSA+23]. **Individuals** [MGMG24]. **Indo** [WSON24]. **Indonesia** [HWW+24a, MMSK21, MFKS23, NIN+19, SZSW21, WLM+20]. **Induce**

[VMS+23]. **Induced** [AZY+24, CLL+23b, ERE21, HAdM+24, LPF+23, SCSR22, SPQ+24, WSI+19, ZWZ+24]. **Induces** [BWKS20, CGSBGN24, 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, AMT+24, 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** [CCP+24, LCWH22]. **Infectivity** [LJK+22]. **Infestation** [PSO+19]. **Infestations** [IR22, MNO+22]. **Inflammation** [MYW+24]. **Inflammatory** [WLW+23]. **Influence** [BCG+23, CdOCH+23, CHW21, DCR+23, DSC+19, HAdM+24, JBK+23, MPM+21, MCSB+19, PLC+24, PJPMMV+22, PRPW23, SWUH23, SCSS23, SMAR24, SSK+22, WSA+23, YGD+23]. **Influenced** [RMA+18]. **Influences** [MWZ+23]. **Influencing** [RAR+18]. **Inform** [DOB+17, EBM24]. **Information** [KTT24]. **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, WZX+24]. **Inhibits** [LWS+23a, XCW+23]. **iniae** [LBH+24]. **Initial** [LHX+23]. **Injection** [LLW+22]. **Inland** [PB24]. **Innate** [LCWH22, MMM+24, YMD+21]. **Innovation** [JHLW24, LKJ22]. **Innovative** [MBC+24]. **Inorganic** [MMMNAG23]. **Insect** [HGC+23, RRM+20, SAB+22]. **Insects** [HMN+22]. **Insight** [GTC+17, LOBTL22, WTC+22]. **Insights** [GMA+24, HMN+22, LCW+23b, LCC+24, MBPB24, PMFBI22, PB24, Poi24, PEP24, SDA23, Sus20, SAHS18, WLC+23, YWDP21, ZQL+23, ZSL+23, FDM+23a]. **instead** [WLL+22]. **Instream** [FÅG+23]. **Insular** [Tay19]. **Insulin** [ZWZ+24]. **Insulin-like** [ZWZ+24]. **Insurance** [WHM21]. **Intake** [LdRCV24]. **Integrated** [CdOCH+23, CMB+24, MBL20]. **Integrating** [GSK+21, NPT+24]. **Integration** [PB24]. **Integrative** [LBC+24, dSSBdS23]. **Integrity** [ATEfA+21, SXQ+22]. **Intelligence** [CZCW23]. **Intelligent** [ILA22]. **Intensification** [VRKV24]. **Intensity** [FBSB24]. **Intensive** [WLZ+23, ZTWK24]. **Inter** [ZJC+22a]. **Inter-Otolith** [ZJC+22a]. **Interaction** [MHZ+23, YJK23]. **Interactions** [CFLK21, EFQ23, VCC+18, Zac22]. **Interactive** [LSL+24]. **Interference** [ZYT+24]. **Interferon** [CWW+23, KJK+23]. **Intergeneric** [VMBT24]. **Intermediary** [FMBPC+23]. **Internal** [ADM+24]. **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, MYW+24, Näs18, NRÁGPM+18, PJPMMV+22, RCR+23, SJY+22, SNK+23, TU18, WLW+23, WHX+23, WFZ+24a, WLW+24, XLX+22, XRX+23, XWP+24, YGD+23, YLH+24, YHZ+23, ZWP+23]. **Intestine** [GMFG+24, HSZ+22, SBS+23, WZL+24, XYL+23]. **Intraovarian** [UDG+19]. **Intraperitoneal** [AMT+24]. **Introducing** [XQLA18]. **Introduction** [EFQ23, GTC+17, SBT22, Sor21]. **Introgression** [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** [JML+24, SMH+24, SNZ+23, WXL+23]. **Ionian** [LV23]. **Ionic** [Ord19]. **Ionoregulatory** [CLL+23b]. **Iowa** [Mee24]. **Ipomoea** [RXL+24]. **IPS** [LSJ+23]. **Iran** [SKD+23]. **Iridovirus** [AVT18, LDZ+24]. **Iridoviruses** [JJK21]. **Iron** [LYW+24, LSJ+23]. **irradians** [HHM+24]. **Irradiated** [HGSE23]. **Irradiation** [LSY+23]. **Island** [EFG+23, KSAB+23, LZL+23, TK24, SQ23, SLL22, XW24]. **Islands** [FPRAT+23, JFP+18, CLL+22, CSSMV+23, LSJ24, TCB+24]. **Isolated** [BTSK24, JJK21]. **Isolation** [QXAY22, VCL20, WFX+23, WCX+24, XXL+22]. **Isothermal** [LDZ+24]. **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** [FZZ+24, HXY+23, IKT19, LPB+24, MLK+19, MU21, SLYY23, YLW+23b, ZLZ+22]. **japonica** [JKP+23, LPB+24, MLK+19, SLYY23]. **japonicus** [CKMT23, CPJK23a, CPJK23b, FZZ+24, FYL+23, HXY+23, KMSO18, SKK+23, YBL+22]. **Java** [MMSK21, ST17]. **Jaw** [TRM+23]. **Jeldes** [GLH+23]. **Jellyfish** [EEdCSOPJ+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, EAJG24, FÅG+23, GWH+22, GZF+22, HS18, IM24, KBCM19, KKFC+23, LHX+23, LWS+23b, LZW+24, MYW+24, Näs18, RJMVC+18, SBS+23, SCCM23, SBB+19, ULR+23, WLW+23, WLL+23, WHX+23, WFZ+24a, WSA+23, WSE+21, WWY+23, WWZ+24, XWP+24, 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]. **Kernel** [WZX+24]. **Kessler** [KZC+24]. **keta** [WLL+23]. **Key** [CZW+23]. **Keypoint** [NLTL23]. **Kidney** [JLW+24, MPM+18, SMO+22]. **Kidneys** [SPQ+24]. **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, AML+24, JJK21, JKK+20, KKPY22, LPK+23b, YCR+23, YJK23]. **Korean** [SKK+23]. **Korill** [NDC+23]. **Kovačić** [KRAFO23]. **Krefft** [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, BGMM+24, CFCE20, FDM+23b, NZVB20, RRM+20, RGTPSCCC24, RSA17, SAB+22, VPP+22]. **labrosus** [GMCF+22]. **Lacepède** [TK24]. **Lactobacillus** [GCFA+22, SPQ+24]. **lactuca** [CdOCH+23]. **Lagocephalus** [CBP+24]. **Lagoon** [AHK+23, AIŠRB22, dRCCLRNRWK21, KKB20, ISA+22]. **Lagoons** [EFG+23, XQLA18]. **lagowskii** [HYN+24]. **Lake** [KAJ+24, 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+24b, YAS21, ZZW+24]. **Lakes** [CH23, Mee24, 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, CXT+24, LTZ+22, Mee24, SBT22, VKP+24, YWDP21]. **Largehead** [FYL+23, SKK+23]. **Largemouth** [KKPY22, SJY+22, SHW+23, XYL+23, XXL+22, ZZY+23, ZHX+24]. **Larger** [SCSS23]. **Largest** [WFZ+24b]. **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, PAVCCJVV24, PJPMMV+22, RMSPMC+22, SdSdOSSL23, ŠT19, TRM+23, YAEAB23, Mil23]. **Larval** [BAA+19, CZC23, CHH+23, GP17, GWH+22, GMA+24, MMMNAG23, NYS+23, PSN18, PLV+19, PFM+20, Poi24, RHUJ24, WSL+23, dlCRMB+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]. **latipinnis** [RHUJ24]. **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, JBGCG+24, JTS+24, SZT+23, XLC+24]. **Learning-Based** [XLC+24]. **Lease** [XW24]. **Leaves** [CXW+23]. **Lecithin** [BRB+23, RGVG19]. **Lectin** [CSF+23]. **Leg** [HSD+24]. **Legal** [CXL23, XLP23]. **Legislative** [SKSL23]. **lemuru** [SZSW21]. **Length** [BLA+22, CVANRD+21, CP24, KZC+24, KSWT22, LFH+23, SGAC20, SLS+22]. **Length-Based** [BLA+22, KSWT22, SLS+22]. **lenok** [PXH+24]. **lentillifera** [LMNN21]. **Lentinus** [XYL+23]. **Leone** [OOG24]. **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, CGSBGN24, IM24, JJB+24, MLK+19, MFKS23, NZVB20, PAVCCJVV24, SBS+23, SNK+23]. **Liaohe** [ZGY+23]. **Lice** [IBN+23, PSO+19]. **Life** [CTY+21, CMP+20, CS23, DQC+23, JROHVH+23, MKH24, PMFBI22, QAC23, SMO+23, SMH+22a, VH20, YE20, ZMLFS+20]. **Life-Long** [QAC23]. **Light** [CFCE20, FÅG+23, FBSB24, GRO+17, KBCM19]. **Lightweight** [WYL23]. **like** [LYL+24a, YSG+23, ZWZ+24]. **Limit**

[MDLA22, Tri23, ZZW+22]. **Limitations** [Liu24]. **Limited** [PB24, SKT23]. **Limiting** [ŢPN+23]. **Limonene** [dSJC+21]. **Lindseth** [LL18a]. **Line** [CLJ+23, DCL+23b, MBPB24]. **Lineages** [KAJ+24]. **Linear** [EM23]. **Lines** [CSGE23]. **Linnaeus** [CG20, DCR+23, DMA22, FDM+23a, FWJ21, KYB+23, OGMG+17, SAL18, WBK+23, ZJC+22a]. **Linneaus** [MSRGCG+23]. **Linseed** [GMFG+24]. **Lionfish** [BEG+23]. **Lipid** [ASM+22, BRB+23, CXW+23, DL23, DSC+23, EPKV17, GRKC19, LHX+23, PAVCCJVV24, RWF+23, RGVG19, WGRM+19, WSD+23, WZX+24, XCW+23, YGD+23, ZSZ+23, ZHX+24]. **Lipids** [MKN+16, MNP+16, SNSG+19]. **Lipopolysaccharide** [SOW+23, ZHF+22a]. **Lipped** [GMCF+22]. **Liquid** [JSLE23]. **Literature** [AHLC19, CG20, CS23, DDG+22, GSK+21, WWD+23]. **Lithobates** [MTHPJS+23]. **Lithuanian** [AIŠRB22, ISA+22]. **Litopenaeus** [BHP+24, CdOCH+23, EAE+23, HSAF+23, HSD+24, LXW+24, LSL+24, LMNN21, SCHT23, SEA+23, WPLK23, YHZ+23, ZLL+23, ZWD+23]. **Live** [DDN19, DZC+22, LF24, VH20]. **Livelihoods** [SRHCO23]. **Liver** [CZW+23, CBK+21, FMBPC+23, MMVVCJ+23, MTHPJS+23, MKN+16, SBS+23, SNK+23, WLL+22, XYL+23, XWP+24, ZJM+23, ZZY+23]. **Livestock** [GMRJ22, NLTL23]. **lividus** [SSSP21]. **liza** [MMM+24]. **Lizardfish** [GMA+24]. **Loach** [ZSL+23]. **Loaches** [CSL24, FŠS+23, GWH+22]. **Lobster** [MMSK21]. **Lobsters** [ATM+24]. **Local** [dSCFQB+23, HLK+23, KAB+23, KYB+23, MLH+20]. **Localization** [ZAM+23]. **Locally** [EMFZ+18]. **Loci** [APD24]. **Lock** [ZS21]. **Locks** [ZS21]. **Locks-and-Dams** [ZS21]. **Locomotor** [OGMG+17]. **Logistic** [RDANPA+24]. **Loins** [EA18]. **Long** [BPCC23, CCP+24, 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, WLL+24]. **Longer** [SAL19]. **Longfin** [AASQPU+23, MLK+19]. **longicrura** [KMB18]. **Longline** [WXL+23]. **Longliners** [LSJ24]. **Loop** [LDZ+24]. **Loop-Mediated** [LDZ+24]. **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, MBPB24, TMD+19, WLW+24]. **Low-Cost** [DRH18]. **Low-Fish-Meal** [WLW+24]. **Low-Heterozygosity** [MBPB24]. **Low-Temperature** [HWW+24b]. **Lower** [SLDC23, dSCFQB+23, HHAG24, LHG+23]. **LPS** [SOW+23, WSZ+23, ZHF+22a]. **lucerna** [FDM+23a]. **lucidus** [XZZ+24]. **Luciobarbus** [APD24, SPQ+24]. **lucioperca** [BKBR+23]. **lucius** [FWJ21]. **Lumpfish** [BKJ+24, CMP+23, IR22]. **lumpus** [BKJ+24, CMP+23, IR22]. **Lutjanus** [CVANRD+21, LGZ+23, dCPFS+24]. **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, PAVCCJVV24, XRX+23, ZCT+23, ZYT+24]. **Macrocallista** [PSW+23]. **Macronutrient** [MMY+17]. **Macroparasite** [EFG+23]. **Macrophage** [LWS+23a, ZAM+23]. **Macrophages** [ZAM+23]. **macropomum**

[dAPAA+24, SBS+23]. **Macroscopical** [BWKS20]. **Macrourus** [XSZ+23]. **mactroides** [GGP+23]. **maculata** [ZWZ+24]. **maculatus** [LZH+23, WSZ+23, YSG+23]. **Madagascar** [And23]. **Made** [BEMC23]. **maenas** [YE20]. **maeoticus** [DDD+23, ŢPN+23]. **magdalenae** [MMMNAG23]. **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, LYL+24b, MBP+24, PLY+24, QAC23, SLY+21, YMD+21, FHHC23, JCR+22, PYJ+23, SZZ+23, WZL+24, YGD+23]. **Male-Only** [MBP+24]. **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, MBP+24, PMFBI22, dCPFS+24, QL22, SKT23, SKSL23, SS23, TOB+23, XW24, YSY+23]. **Manager** [TOB+23]. **Manchurian** [PXH+24]. **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** [JCL+24, WYG+23]. **Margate** [BPO19]. **marginatus** [AGA+21]. **Marine** [CSGE23, CWMX21, DPGFL+22, FDM+23a, HLK+23, Ho22, JLT22, JHLW24, KGP24, LPF+23, LKJ22, LJP+22, LW18, MBC+24, 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]. **marmoratus** [JCL+24]. **Marshall** [LSJ24]. **Marshes** [GTC+17]. **Marteilia** [LPF+23]. **Mask** [PWH+23]. **masquinongy** [Mee24]. **Mass** [JSLE23, Näs18, STZ+23]. **Mass-Scale** [STZ+23]. **Materials** [DBP+20, DQC+23, TJTV+23]. **Maternal** [KAJ+24]. **Mating** [QAC23]. **Maturation** [EMFZ+18, FHF23, IM24, LPB+24, PXH+24, Web23, ZQLW23]. **Maturing** [MLK+19, vKRNL+19]. **Maturity** [CP24, EBRS23, SKK+23]. **max** [EPKV17]. **Maximum** [CP24]. **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, WLW+24, XYC+22, XYC+23, XWP+24, ZYG+23]. **Meal-Induced** [SCSR22]. **Mean** [CP24]. **Means** [Gae16, Gae17]. **Measure** [Liu24]. **Measurement** [NZVB20]. **Measurements** [BEMC23]. **Measures** [MDF+23, MML22]. **Measuring** [MOW+18]. **Meat** [BDŞ+24, CXW+23, LVB+20]. **Mechanism** [JML+24, LKU21, WWW+24, ZSL+23, ZJM+23]. **Mechanisms** [ZZ24]. **Mechanistic** [LCC+24]. **Medaka** [MU21]. **Media** [ŠT19]. **Mediated** [LDZ+24, SFP17, XWR+23]. **Mediates** [WLT23]. **Medicago** [CWP+21]. **Mediterranean** [AA23, BFB+23, DAF+22, FPRAT+23, GSK+21, MMD+23, PEP24, RKS+24, SML+23a, VV23, AGE+18, BTSK24, DCL+23a, EFG+23, HMVRFD19,

LUM18, MGMG24, MLSC+23, RDI+21, RDE+23, TK24, TPA+24, UGH+24]. **medits** [KRAFO23]. **Medium** [YHZ+23]. **Medium-Sized** [YHZ+23]. **Megalobrama** [GWT+24, MYW+24]. **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** [JJB+24, MMMNAG23]. **Meretrix** [FCB+21, JXW+23]. **Meristics** [GP17]. **Merits** [MBP+24]. **Merluccius** [AGC23]. **Mesanophrys** [ZZL+23]. **Mesh** [CGY+23, YSY+23]. **Mesocosms** [NHR20]. **Mesopelagic** [BTSK24]. **Mesophotic** [HZS+21]. **Mesopredator** [LOBTL22]. **Metabarcoding** [ATM+24, AMK23, WFZ+24b]. **Metabolic** [FYL+23, HSZ+22, Kim23a, Kim23b, LLS+23, MMVVCJ+23, MMM+24, dAPAA+24]. **Metabolism** [ASM+22, FMBPC+23, GMBR+21, HYN+24, HLZ+22, LCWH22, RWF+23, RJTVC+19, SdSdOSSL23, SZF+21, WSD+23, WZX+24, WLT23, YGD+23, ZLZ+24, ZYT+24]. **Metabolism-Related** [ZYT+24]. **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, LDZ+24, LOBTL22, LLW+22, SLS+22, WMZ+22]. **Methods** [BLA+22, CG20, KSWT22, RMA+18, TPA+24]. **methylisoborneol** [LLKKV20]. **Métier** [LV23]. **Metschnikowia** [LYW+24]. **Mexico** [APAHBMAG23, SWS22, USRDFO+22]. **mg** [ZJC+22b]. **mg/L** [ZJC+22b]. **Miamiensis** [CCP+24]. **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, RXL+24, WGRM+19, WZL+24, YLH+24]. **Microbiological** [HKS+18, MAR+18, RMA+18, SUL+23]. **Microbiome** [CBCL23]. **Microbiomes** [ATM+24, HJE+23]. **Microbiota** [BDŞ+24, CSL24, 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** [ADM+24, TCB+24]. **Micropogonias** [USRDFO+22]. **Micropterus** [KKPY22, SOW+23, SJY+22, XYL+23, XXL+22, ZSH+23, ZWP+23, ZZY+23]. **Microsatellite** [APD24, VMDV+22, WLZ+22a]. **Microscopic** [BMMD22]. **Microscopy** [CCCFE18]. **Microsomal** [KSSI24]. **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]. **Mislabeling** [SBS+24]. **Mississippi** [ZS21]. **Mitigate** [NKC+21]. **Mitigating** [TPA+24]. **Mitigation** [MML22]. **Mitochondrial** [BBCJ23, CZL23, EAJG24, LPK+23a, LPK+23b, SSK+22, WFL+23]. **Mitogenesis** [SOW+23]. **Mitogenome** [PKY+23]. **Mitogenomic** [ZQL+23]. **Mitten** [AML+24, GLX+23, LWZ+22, LXT+22, LLS+23, PLY+24, PNW+22, WLZ+22a, WHL+24, WWZ+24, 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, FBSB24, HWZ21, MMSK21, NRKT19, SWS22, WSL+23, ZTWK24]. **Modelling** [CBCMRD+23, WSA+23]. **Models** [CMP+20, MOW+18, RDANPA+24, SHT+23]. **Modifies** [HLZ+22]. **Modify** [BMSGS+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, GWT+24, LMLH22, LWS+21, MLZ+21, MMD+23, NWN+23, SHW+23, VMBT24, WPLK23, XHC+22, YSG+23, ZHF+22a, ZSZ+23, ZLZL23, ZSL+24, ZWZ+24, ZZ24, ZZC+22]. **molitrix** [MGS+23, PVY+21, RMA+18, ZLZL23, ZJC+22b]. **Molly** [MHZ+23, ZMA+24]. **Molting** [ZYH+24]. **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]. **Morphine** [CGSBGN24]. **Morpho** [CFM+23]. **Morpho-Molecular** [CFM+23]. **Morphohistology** [MMVVCJ+23]. **Morphological** [CSJ+23, KAB+23, MJL+24, MBPB24, XXL+24, YYH+24, Mil23]. **Morphology** [GP17, SDA23, XLX+22, XYL+23, YGD+23, YHH+20, ZZW+22, ZXH+23]. **Morphometric** [HHM+24, KKB20, KYB+23, MBD+23, NZVB20, YJZ+24]. **Morphometrics** [FB22, GP17]. **Morphometry** [FLB+21]. **Mortality** [AVT18, BKJ+24, BPOS19, BPO19, LLWW23, SCT+24]. **Moser** [Mil23]. **mossambicus** [MMVVCJ+23, SVMLP23, WLT23]. **Motifs** [CCP+24]. **Motivations** [PB24]. **Motives** [SKL+23]. **Mounted** [HL24]. **Mouth** [RMSPMC+22]. **Movement** [BSB+23, BBN+24, DSC+19, RGABD20, ZS21]. **Movements** [HMVRFD19, PEP24]. **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, MMM+24].

Mugilids [SFP17]. **Mukawa** [AM24]. **Mullerian** [CMP+23]. **Mullet** [ATEfA+21, EES+23]. **Mullets** [GMCF+22]. **Multi** [CKMT23, CMB+24, CGY+23, DCD+24, JSLE23, LUM18, LDZ+24, MBP+24, SMAR24, WMZ+22, WWW+24, XJC+22]. **Multi-Class** [JSLE23]. **Multi-Faceted** [DCD+24]. **Multi-Indicator** [MBP+24]. **Multi-Mesh** [CGY+23]. **Multi-Mineral** [XJC+22]. **Multi-Model** [CKMT23]. **Multi-Omics** [WWW+24]. **Multi-Parameter** [WMZ+22]. **Multi-Scale** [SMAR24]. **Multi-Trophic** [CMB+24]. **Multi-Use** [LUM18]. **Multi-Visual** [LDZ+24]. **Multidisciplinary** [SCSR22]. **Multilinear** [KAB+23]. **Multiple** [DSC+23, KCCK23, LFH+23, vSRB+18]. **Multiplex** [KLD+23, VMDV+22]. **Multispecies** [RDG+20]. **muricatum** [TCD+21]. **murphyi** [BS23, FGHYCA23]. **Murray** [RKL24]. **Musca** [HIO+19]. **Muscle** [BMSGS+18, DZC+22, FMBPC+23, GRKC19, MTM+19, MDVM+23, WYG+23, WHL+24, ZSQ+21]. **Muskellunge** [Mee24]. **Mussel** [CLL+23b, MJL+24, TPA+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, WFZ+24a, WLL+24, 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]. **NAChR** [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, JROHVH+23, LdRCV24, Mee24, MGS+23, SCBSSMA24, ZLX+23]. **Naturally** [MLK+19, SEA+23]. **Nature** [NPT+24]. **Nature-Based** [NPT+24]. **Nauplii** [SdSdOSSL23]. **near** [LSJ24]. **Necrosis** [LJK+22]. **Nectandra** [SBS+23]. **Need** [EBM24]. **Needed** [Sha19]. **Negligible** [TMM+18]. **Nematode** [DCL+23b, GMA+24]. **Nemipterus** [AA23]. **Neogobius** [Ang18, KAR+23]. **Neolamprologus** [JHNF24]. **NEON** [MWPS23, MWPS24]. **Neophocaena** [CYL+23, CLL+24, FLX+22]. **Neotropical** [dSSBdS23]. **Neotropics** [PCO+23]. **Nephrotoxicity** [AZY+24]. **Neptunea** [ZZT+23]. **Net** [CBP+24, MFKS23]. **Nets** [CGY+23, WYL23]. **Netting** [FBSB24]. **Network** [LHZ+24, LYW+24, MWPS23, MWPS24, WLZ+23, WYL23]. **Networks** [AAN22, CTY+21]. **Neural** [AAN22, CTY+21, CMP+20]. **Neuro** [MHZ+23]. **Neuro-Immune** [MHZ+23]. **Neuroimmune** [Zac22]. **Neuronal** [HAdM+24]. **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, AMT+24, BRB+23, CLJ+23, DCR+23, dSGBdF23, dFBdSG+19, GCFA+22, JROHVH+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]. **Nitrogen** [CSL24]. **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, RXL+24, 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, RXL+24]. **Non-Thermal** [ŠT19]. **Nonspecific** [LWZ+22]. **Nonstationary** [HMX+21]. **Nonylphenol** [LCC+24]. **Norepinephrine** [LKU21]. **North** [HMX+21, SMH+22a, GP17, HS24, STZ+23, WWD+23]. **Northeast** [WLL+23]. **Northeastern** [HKS+18, AA23, SNSVFL23]. **Northern** [AGC23, BBN+24, AAN22, LOBTL22, Mee24, YWL+24, ZQLW23]. **Northumberland** [EBRS23]. **Northwest** [KMB18, CKMT23, FYH+23, SHT+23, SKF+23]. **Northwestern** [HMX+21]. **Norwegian** [AJF23, BKJ+24, KAJ+24]. **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]. **Number** [EAJG24]. **Numeric** [ZS21]. **Nursery** [FJL+23, Gre17, NdNFK+24a, NYS+23, SLSC+24]. **Nusa** [HWW+24a]. **Nutrient** [GZX+22, LCWH22, NSK+23, YYH+24]. **Nutrients** [DDG+22, MdM+23, YBL+22]. **Nutrition** [BDŞ+24, DZC+22, HGC+23, MLZ+21, jMlL23, Pao23, PLV+19, ZZC+22]. **Nutritional** [HHP+24, MABÁMSM22, MBAM19, Moy18, PNW+22, RRM+20, WHL+24, YJZ+24]. **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** [GAR+24, SLYY23]. **Occurring** [THS+22]. **Ocean** [DLL+23, KWK+24, 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, GMFG+24, MKN+16, SBS+23, WZX+24, 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** [CCP+24, JKK+20, YLW+23b, YSY+23]. **Olive** [CCP+24, 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, WFZ+24a, WLL+24, Web23, YZH+24, ZYG+23, vSRB+18]. **One** [CBP+24, Sha19]. **One-Health** [Sha19]. **Ongrowing** [RGVG19]. **Online** [DD23]. **Only** [MBP+24]. **Onset** [EBRS23]. **Ontogeny** [STZ+23]. **Oogenesis** [RAR+18, UDG+19]. **Oomycete** [PSS+18, XZD+24]. **Open** [OOG24, PSP+22, VCC+18]. **Open-Access** [OOG24]. **Open-Source** [PSP+22]. **Operation** [MTPK23]. **Operations** [PMFBI22, ZS21]. **opercularis** [KŽM+23]. **Ophidiidae** [CSJ+23]. **Ophidiiformes** [CSJ+23]. **opilio** [BASBW24, FBSB24]. **Opportunities** [BKJ+24, Ho22]. **Opportunity** [BFP+23]. **Opsariichthys** [YXS+24]. **Optimization** [EA18]. **Optimized** [LZC+23a, VH20, ZS21]. **Optimizing** [HARB23b]. **Options** [TOB+23]. **Oral** [GCFA+22, HSD+24]. **oramin** [YLH+24]. **orbignyanus** [EMFZ+18]. **Orchestrates** [SHW+23]. **Orchid** [CZC23]. **Order** [MD21]. **Ordines** [KRAFO23]. **Oregon** [HHAG24, 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]. **Ornamental** [LBH+24]. **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, ZHX+24]. **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, BDŞ+24, CSSMV+23, FMXQ23, GMFG+24, LGZ+23, SSSP21, SPJ+24, WWZ+24, 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, SLSC+24, 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, SCHT23, SRHCO23, SHT+23, SKF+23, Tay19, TBPJ23, WGW+23, WSON24, 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** [GMFG+24, 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, LDZ+24]. **parahybae** [HAdM+24]. **Paralarval** [GRO+17]. **Paralichthyidae** [LPK+23b]. **Paralichthys** [CCP+24, JKK+20, YLW+23b, YSY+23]. **Parallel** [SML+23a]. **paramamosain** [RWF+23, ZZL+23, ZYH+24]. **Parameter** [HARB23b, WMZ+22]. **Parameters** [AHK+23, CZJ+24, CSV+19, CBANCM+21, DRFCL23, DCR+23, EHGS23, EAJ+23, EPKV17, FMXQ23, GL23, GMDMT+23, GBT+24, HGSE23, JKK24, KAB+23, MWZ+23, MMM+24, PKV+22, TJTV+23, TMPP23, VLCCA+23, YJZ+24, ZWZ22]. **Paramisgurnus** [CSL24]. **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, LYW+24, PSS+18]. **Pathogenicity** [DLL+22, JJK21, QXAY22, WCX+24, ZHQ+23]. **Pathogens** [SCHT23, SNZ+23, XZD+24]. **Pathology** [JCY+23]. **Pathway** [CGSBGN24, LHX+23, RWF+23, ZYG+23, ZYH+24]. **Pathways** [And23, RLB+23]. **Pattern** [CLL+24, Kim23a, Kim23b, SLYY23, ZLW+23]. **Patterned** [SLY+21]. **Patterns** [BBN+24, CASMK23, DCD+24, dSCFQB+23, HMVRFD19, IFA+23, MSA24, MWPS23, MWPS24, OSM23, dCPFS+24, RGABD20, SFP17, SAGG+23, WSZ+23, ZWZ+24, dSSBdS23]. **PCR** [CMP+23, SPEGMC24, VMDV+22]. **Pearl** [FMXQ23, GWH+22, WLN+23, SLYY23, WTC+22]. **Pejerrey** [GRKC19]. **Pelagic** [KSWT22, PEP24, WGW+23]. **pelamis** [NIN+19]. **Pelodiscus** [CZC+22]. **Pelteobagrus** [JLW+24]. **Pen** [RJR+22]. **Penaeus** [CBCL23, HXS+23, HZG+21, NdNFK+24a, NYS+23, RXL+24, NdNFK+24b]. **Peninsula** [FZZ+24, LCZ+23, APS+23, RGTPSCCC24, SGAC20]. **Pens** [NWN+22]. **pentophthalmus** [LPK+23b]. **Peppermint** [dAdSCC+23]. **Peptide** [ZAM+23]. **Peptides** [CAC+17]. **Peracetic** [HS18]. **Perca** [CWP+21, NHR20]. **Perception** [JLT22]. **Perceptions** [OOG24]. **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, EBM24, 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, WHL+24, WFZ+24a, WSE+21, XCW+23, XWP+24, YLW+23b, ZMLFS+20, ZWZ22, dAdSCC+23]. **Performances**

[AAAF+21, EAJ+23, FLB+21, PXH+24, RDE+23, SSSP21]. **Perinereis** [GLH+23]. **Period** [MGMG24, 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]. **petimba** [TK24]. **phalaena** [CHH+23]. **Pharmacokinetics** [HSD+24, MSK+21]. **Phase** [NdNFK+24b, NdNFK+24a, KSSI24]. **PHD** [PLJ+23]. **Phenazines** [NWN+22]. **Phenethylamine** [LWG+23]. **Phenol** [KSSI24]. **Phenomena** [SSSS23]. **Phenotypes** [FHF23]. **Phenotypic** [BAA+19, EES+23]. **Phenylglucuronide** [KSSI24]. **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]. **Phosphorescent** [FBSB24]. **Phosphorescent-Netting** [FBSB24]. **Phosphorus** [JCR+22]. **Photobacterium** [MMD+23]. **Photodynamic** [DO24]. **Photoperiod** [CPJK23a, CPJK23b, LS19, MIHH23, WSD+23]. **Photoperiods** [AGA+21, SPJ+24]. **Photophore** [DNP+23]. **Photoreceptor** [KKPY22]. **Photovoltaic** [PNW+22]. **Phoxinus** [HYN+24]. **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, CXT+24, DCL+23a, JXW+23, dAPAA+24, RJFCJC+21, ZSZSS+22, vSRB+18]. **Physiology** [BAS+19, LSL+24, jMlL23, PFM+20, SDA23, WWD+23, ZSH+23]. **Phytoplankton** [LSS+22]. **Pieter** [Gae17]. **Pigmentation** [GP17, IBN+23, LYY+24]. **Pike** [Ols19]. **Pikeperch** [BKBR+23, CCFP19, Ols19]. **pilchardus** [BFB+23, MKN+16]. **Pilot** [BMSGS+18, LXT+22, RJMVC+18, ZJC+22b]. **Pimelodidae** [HAdM+24]. **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, LPB+24, 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** [GCFA+22, SPQ+24]. **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** [BEF+23, GBT+24]. **Poeciliidae** [UDG+19]. **Poey** [dCPFS+24]. **Points** [BLA+22]. **Polar** [KWK+24, YHH+20]. **Polarization** [ZAM+23]. **Policy** [And23, FCT19, WHM21, XQLA18, XW24]. **Pollutants** [DDD+23, Dul23, EM23]. **Pollution** [DCD+24]. **Poly** [WSZ+23]. **Polyascus** [YMD+21]. **Polychaete** [GLH+23]. **Polyculture** [GZX+22, GSH+24, HSAF+23, LMNN21, NPT+24, NSK+23]. **Polymerase** [CMP+23, KLD+23]. **Polymorphic** [APD24]. **Polyphenol** [SFK+23]. **Polyphenol-Based** [SFK+23]. **Polyphenols** [CSL24]. **Polyprion**

[PPAB+18, PLV+19, WSI+19, WSS+19]. **Polysaccharide** [MNO+22]. **Polysaccharides** [LZH+23]. **Polystyrene** [AZY+24, CFP+23, EBCM24]. **Pomace** [BDŞ+24]. **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, LdRCV24]. **Ponics** [SAB+22]. **Pontic** [SCT+24]. **Pool** [HZG+21, PAMG19]. **Poor** [DOB+17]. **Poplar** [RIF+23]. **Population** [ARH+23, AGC23, CTTW23, CH23, CLL+22, FGHYCA23, GFDPSR22, HCWH20, HS24, 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** [CLL+24, 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]. **Poststocking** [Mee24]. **Pot** [STZ+23, ZQLW23]. **Pot-Bellied** [STZ+23, ZQLW23]. **Potamotrygoninae** [GAR+24]. **Potassium** [BF16, CHZ+24, WSE+21]. **Potato** [FQÁGTR+17]. **Potential** [AA23, ATM+24, AAN22, BSR+20, CSF+23, DCR+23, DPGFL+22, EAE+23, EES+23, EAJG24, 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, UGH+24, VSH23, YZL+23]. **Pots** [FBSB24]. **Powder** [AEME+23]. **Power** [PNW+22]. **Poyang** [ZZW+24]. **Practical** [CSR22, NYS+23]. **Practice** [XW24]. **Practices** [LLTM17]. **Prawn** [LSJ+23, NSK+23, VRKV24]. **Prawns** [XRX+23]. **Praziquantel** [IKT19]. **Pre** [HARB23b, SGG+21]. **Pre-Processed** [SGG+21]. **Pre-Selection** [HARB23b]. **Precautionary** [MBP+24]. **Precise** [NLTL23]. **Precision** [LWZ+23, Tri23]. **Predator** [AWCS23, AHLC19, 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, PEP24]. **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** [AHLC19, BTSK24, CCFP19, LLY+24]. **Prickly** [WZX+24]. **Pristine** [ADM+24]. **Proanthocyanidins** [WHX+23]. **Probiotic** [ATM+24, CBCL23, HXS+23, LCWH22, WBK+23]. **Probiotics** [GCFA+22, JE18, NKC+21, SAC23, SMH+22b, WFZ+24a]. **Problems** [OOGAS23]. **Procedures** [ZWD+23]. **Process**

[FYL+23, GGL+23, WMD+24]. **Processed** [SUL+23, SGG+21]. **Processing** [EA18, NWN+21, NWN+22, Sam24, ŠT19, ZWD+23]. **Prochilodus** [MMMNAG23]. **Prodigiosin** [NWN+21, NWN+23]. **Produced** [VAT+23]. **Product** [HB24, 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, Sam24, SBS+24, ZWD+23]. **Proenkephalin** [LMLH22]. **Profile** [ASM+22, HZL+22, PBS+22, PSW+23, RGVG19, ZSL+24]. **Profiles** [DCR+23, GLY+23, LYL+24b, PB24, SKL+23, XJC+22]. **Profiling** [ATM+24, FYL+23, GGF+22, HZZ+23, JCY+23, MKC+22, QPDGF+23, SML+23a, SMH+24, ZMA+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]. **Proliferation** [ZMA+24]. **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** [ATM+24, BMSGS+18, GLX+23, INCD23, MAR+18, MKN+16, RMA+18, YJZ+24]. **Propionate** [SSSP21]. **Proposal** [CSJ+23]. **Proposed** [BBCJ23, OOGAS23]. **Prospective** [BAA+23]. **Prospectives** [HB24]. **Prospects** [LDW+21, NPT+24, SS23]. **Prostaglandins** [SRL+19]. **Protease** [DDN19]. **Proteases** [MCÁGHA+17, TDN+22]. **Protected** [JLT22]. **Protection** [CL21, TTT23, XYF+24, ZMA+24]. **Protective** [AASQPU+23, CCP+24, NDC+23]. **Protects** [HWW+24b]. **Protein** [BSGMC+22, CWP+21, DSC+23, Eny17, EPKV17, HLZ+22, NdNFK+24b, NdNFK+24a, PAVCCJVV24, QWY+24, SdSdOSSL23, SNK+23, XYL+23, XWP+24, YHZ+23, ZHF+22a]. **Protein/Carbohydrate** [BSGMC+22]. **Proteins** [CZW+23, CGSBGN24, 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, XW24]. **Provincial** [CHW21]. **Proximal** [GMFG+24]. **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]. **Pseudogobionini** [CZL23]. **Pseudomonas** [AEME+23, SZZ+23, ZHQ+23]. **Pseudoplatystoma** [JSRE+24, PCO+23, PCH+24]. **Pseudopleuronectes** [BFM23]. **Pseudorhombus** [LPK+23b]. **Pseudosciaena** [CTY+21]. **Psychrobacter** [WBK+23]. **psychrophilum** [VČ24]. **Pterioidea** [ZQL+23]. **Pteriomorphia** [ZQL+23]. **Pteroplatytrygon** [PEP24, WGW+23]. **Pterygoplichthys** [HVRCG18]. **Puerto** [QWR+23]. **PUFA** [TRM+23]. **Puffer** [SLY+21]. **Pufferfish** [KMS+17]. **Puget** [SOT+23]. **pulcher** [JHNF24]. **Pulse** [PCH+24]. **punctata** [KLD+23]. **punctatus** [FHHC23, KBCM19, QXAY22, RGTPSCCC24]. **Puntius** [HHM+18, HKS+18]. **Pupfish** [AWCS23]. **Purpleback** [CLL+22]. **purpuratus** [BÁD+22, CPVMA+24]. **purpureus**

[dCPFS+24]. **Purse** [XYT23, YYW+23]. **putida** [AEME+23]. **Puzzle** [RE21]. **Pyloric** [GMFG+24]. **PYY** [ZSZ+23].

qPCR [EAJG24]. **QTL** [CHJ+23]. **Quahog** [GWH21]. **Quality** [BDŞ+24, CWMX21, CMC+24, DQC+23, DCR+23, DSC+23, GL23, GZX+22, HHP+24, HXS+23, HKS+18, JHLW24, JROHVH+23, KŽM+23, LVB+20, LCX+23, LMNN21, MMMNAG23, MSB+23, MIHH23, MGS+23, PKV+22, RAR+18, RHU+23, RXL+24, SBB+19, TKF+18, ZSQ+21]. **Quantitative** [DDG+22, KTT24]. **Queen** [HS24, KŽM+23]. **quelen** [dCPRG+21]. **quinqueradiata** [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]. **Raft** [RXL+24]. **Rainbow** [CBK+21, CSV+19, DSC+23, FMBPC+23, HS18, LUM18, LLKKV20, MDVM+23, PLC+24, SMO+22, SCSR22, TKF+18, VAT+23, VF23, WFZ+24a, WLW+24, WLL+24, 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, BBN+24, HMVRFD19, RJMVC+18]. **Rapeseed** [GMFG+24]. **Rapid** [KLD+23, LDZ+24]. **Rapidly** [TMM+18]. **Rare** [APD24, 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, ZSL+24]. **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, dCPFS+24]. **Reconstruct** [GSK+21]. **Reconstruction** [LDW+21]. **Record** [KRAFO23, dAMPS+23, TK24]. **Records** [KRAFO23, SQ23, UGH+24]. **Recovery** [RJFCJC+21]. **Recreational** [FGBA+23, LLTM17, PB24, TOB+23]. **Recruitment** [SMO+23]. **Recycling** [NWN+23]. **Red** [EAJ+23, HIO+19, HSAF+23, JJK21, KJK+23, LCC+24, LCX+23, dCPFS+24, SWS22, TK24, WZL+24, YZH+24, AWCS23, LSY+17]. **Redfin** [MBD+23]. **Redox** [EAE+23, MMM+24]. **Reduce** [ALNVDG+22, KSO+23]. **Reduced** [AHJ+23, EvSCB23, SB20, ZZW+22]. **Reduces** [dSGBdF23]. **Reducing**

[MBC+24]. **Reduction** [USRDFO+22]. **Reef** [CZC23, CP24, LCW23a, QWR+23, SMAR24, TCD+21]. **Reefs** [HZS+21, HLK+23, LL22, SCBSSMA24, XW24]. **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, dlCRMB+22]. **Region** [BAA+23, FGR19, VV23, GAR+24]. **Regional** [BBF22, GPD+23, MDLA22]. **Regions** [IFA+23, LKJ22]. **regius** [DDN19, GSHGE18, RJMVC+18, RJTVC+19, TPC+23, VMDV+22]. **Regression** [KAB+23]. **Regulated** [OOG24]. **Regulates** [YBL+22]. **Regulating** [RWF+23]. **Regulation** [JK24, LPB+24, LKJ22, LYW+24, 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** [CGSBGN24, CH23, CBK+21, JLW+24, MYY+23, TU18, VF23, WLW+23, WWD+23, WLM+20, ZJJ+22, ZHF+22b, ZYT+24, vKRNL+19, PSO+19]. **Relatedness** [NTP+21]. **Relation** [HB24]. **Relationship** [CP24, DBP+20, HWZ21, KZC+24, LCW+23b, LYL+23, LWD+23, LFH+23, LHL+24, TRM+23]. **Relationships** [CZL23, KKB20, SGAC20]. **Relative** [BEF+23, EHGS23, Näs18]. **Release** [JCL+24]. **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]. **Reovirus** [ZSL+24]. **Repeat** [GWH21]. **Replace** [NYS+23]. **Replaced** [XWP+24]. **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, HS24, KJ22, LMC21, LHG+23, LMMC+22, MGMG24, MH23, PPAB+18, RLB+23, SBP23, SMH+22b, Tri23]. **Republic** [AHK+23]. **Requirements** [Moy18, MMY+17]. **rerio** [BGMM+24, CAC+17, HFEH+23, LCWH22, MBPB24, Ord19, TU18]. **Research** [DDG+22, LJX+21, LW18, PB24, RE21, XLP23]. **Reservoir** [BFLC19, SBT22, WFZ+23]. **Resident** [HCWH20]. **Residual** [CBANCM+21, LXW+24]. **Residue** [WZL+24]. **Residues** [HKS+18, JSLE23]. **Resilience** [BFP+23, MSK+22, OOGAS23]. **Resistance** [AEME+23, EAE+23, HLZ+22, LDD+22, SCHT23, 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, LYL+24a, LYW+24, LCX+23, PYJ+23, QWY+24, RIF+23, SNSG+19, SMO+22, SEA+23, SCCM23, SHW+23, VPP+22, WKB+23, WSD+23, WFZ+24a, WBK+23, YMD+21, ZSZ+23, ZLZL23, ZWZ+24, ZHQ+23, ZJM+23].

Responses [AWCS23, ALNVDG+22, CLL+23b, dOCCH+23, CXT+24, GLX+23, HMX+21, JKK24, LHX+23, LWS+23b, MCSB+19, MH23, RXL+24, SAC23, SPQ+24, ZAM+23, dAdSCC+23]. **Responsive** [CYL+23]. **Responsiveness** [KWK+24]. **Restoration** [KAB+20]. **Restored** [SGAC20]. **Restriction** [LMMC+22]. **Results** [GRO+17, OGMG+17, PWH+23]. **Rethinking** [SYL+24]. **reticulata** [BEF+23, GBT+24]. **Retinal** [KKPY22, SPJ+24]. **Reunion** [SQ23]. **Reveal** [HBL+22]. **Revealed** [JLW+24, MDLA22, OJC+23, SBS+24, SPQ+24, WGRM+19, WWW+24, YMD+21]. **Revealing** [HZL+22, LFH+23]. **Reveals** [FYL+23, LYW+24, TJW+22, WYG+23, WLN+23]. **Revenue** [ATEfA+21]. **Reversal** [JSJ+24, VMS+23]. **Review** [AHLC19, 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, LF24, MKH24, MS20, MML22, RLB+23, RTBL+18, SKSL23, SAC23, SML+23b, TK24, VČ24, VRG+24, WWD+23, YCL+23, ZSZSS+22, ZHHO23]. **Reviewers** [Off18, Off19, Off20, Off21, Off23]. **Reward** [CGSBGN24]. **Rewilding** [HHP+24]. **Rhabdosargus** [HHL+20]. **Rhabdovirus** [JML+24]. **Rhabdoviruses** [SML+23b]. **Rhamdia** [dCPRG+21]. **Rhincodon** [OSM23]. **Rhinogobio** [WCX+24]. **rhoifolium** [PSS+18]. **Rhythm** [WLN+23]. **Rhythms** [OGMG+17]. **Ria** [XQLA18]. **Rich** [SPQ+24]. **Rico** [QWR+23]. **Riddle** [SWUH23]. **Rights** [TTT23, XW24]. **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, dRCCLRNRWK21, FWJ21, GWH+22, GAR+24, HCWH20, HMVRFD19, LLWW23, LHL+24, LHG+23, MS18, dAMPS+23, SKD+23, SLYY23, SCT+24, WLL+23, WSA+23, WWY+23, AM24, AWCS23, CHJ+23, FJL+23, FCT19, HCZ+23, JZX22, LZC+23b, RDE+23, SLDC23, VRKV24, WTC+22, WHY+24, ZZW+24, ZS21]. **Riverine** [RKL24]. **Rivers** [AML+24, dSSBdS23, ZGY+23]. **rivoliana** [AASQPU+23]. **rivulatus** [LBH+24]. **RNA** [AMK23, CCP+24, ZYT+24]. **Roanoke** [BAA+19, HCWH20]. **Robot** [WMZ+22]. **Robotic** [NLTL23]. **Rockfish** [JCL+24, LZW+24, SOT+23, SZF+21]. **Rodlet** [DCL+23b]. **rogercresseyi** [PSO+19]. **rohita** [RKHAMM22, SAGG+23]. **Rohu** [RKHAMM22]. **Role** [ADM+24, AASQPU+23, CSF+23, Fra23, LHZ+23, LOB+23, MHZ+23, OO24, RIF+23, VM19]. **Roles** [RTBL+18]. **Romania** [SCT+24]. **Romanian** [ŢPN+23]. **Room** [SAL19]. **rosenbergii** [LSJ+23, XRX+23, ZCT+23, ZYT+24]. **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]. **rustica** [SPJ+24]. **ruthenus** [Kim23a, Kim23b].

S [LL18a, dSJC+21]. **S-** [dSJC+21]. **Saccular** [FDM+23a]. **Safety** [HB24, Sam24]. **sagax** [SHT+23, SKF+23]. **Sagmariasus** [KKFC+23]. **Saharan**

[MML22]. **saida** [KWK+24, 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, LYL+24a, LSL+24, MPM+21, MU21, QWY+24, RJTVC+19, ZSQ+21]. **Salmo** [CG20, EAJG24, IM24, RDE+23, SGG+21, VKP+24]. **salmoides** [KKPY22, SJY+22, XYL+23, XXL+22, ZSH+23, ZWP+23, ZZY+23]. **Salmon** [ANA+23, AHLC19, 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, XYF+24]. **Salmonid** [MDF+23, VSH23]. **Salmonidae** [KSSI24]. **Salmonids** [HJE+23, LOB+23, WSA+23]. **salmonis** [CG20, IR22, IBN+23]. **Salt** [GTC+17, LF24]. **Salts** [CHZ+24]. **Salvelinus** [WGRM+19]. **Sampling** [AHLC19, 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]. **Saurida** [GMA+24]. **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, SMAR24, ZJJ+22]. **Scale-Up** [NWN+22]. **Scales** [CCCFE18, XLC+24]. **Scallop** [BÁD+22, CPVMA+24, HHM+24, KŽM+23]. **scaphanocephalus** [CSSMV+23]. **Scat** [JSJ+24, LWL+23]. **Scatophagus** [JSJ+24, LWL+23]. **Scatterplot** [ST17]. **Scavenger** [ZSL+24]. **Scavenging** [UH19]. **sceleratus** [CBP+24]. **Scenario** [BAA+23]. **Scenarios** [SMO+23]. **Schemes** [NTP+21]. **Schizothorax** [KZC+24, ZHF+22a, ZXH+23]. **Schlegel** [FZZ+24]. **schlegelii** [LZW+24, 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, ŢPN+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, ZYH+24]. **SE** [AIŠRB22]. **Sea** [AIŠRB22, BAA+23, BGMM+24, CSB+20, CdOCH+23, CFCE20, CMC+24, DAF+22, GMFG+24, 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, TK24, 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, HB24, HWZ21, HSZ+22, KAR+23, LWD+23, LSY+17, LV23, LOBTL22, LOT+22, MMD+23, MNP+16, NNL+23, Ols19, Poi24, PEP24, RKS+24, SML+23a, SSSS23, ŢPN+23, TK24, TMPP23, VV23, VKP+24, XSZ+23, YSY+23, ZCX+22]. **Seabass** [FDM+23b, HXY+23, NZVB20, RRM+20, RGTPSCCC24, VPP+22]. **Seabream**

[BSGMC+22, CCCFE18, CFCE20, ERE21, GMBR+21, HIO+19, MCSB+19, PFM+20, RJFCJC+21, TJTV+23]. **Seafood** [DDG+22, EN22, SBS+24, Sha19]. **Seafood-Borne** [Sha19]. **Seafood-Exporting** [EN22]. **Seagrass** [QWR+23]. **Seahorse** [STZ+23, ZQLW23]. **Seas** [LHL+24, QL22]. **Seascape** [QWR+23, SMAR24]. **Season** [SMH+24, TRM+23]. **Seasonal** [BBN+24, CBK+21, OGMG+17, VPPF+19, WSD+23]. **Seasons** [ZZT+23]. **Seawater** [MIHH23]. **Seaweed** [HSAF+23]. **Sebastes** [LZW+24, SZF+21]. **Sebastiscus** [JCL+24]. **Second** [KRAFO23]. **Secretions** [BMMD22]. **Secretory** [LS19]. **Section** [HCZ+23, Hal23]. **Sedative** [dCPRG+21]. **Sedentary** [HMVRFD19]. **Sediment** [GLX+23]. **Sediments** [IKT19, LCW+23b]. **Seed** [MSB+23, WZX+24]. **Seeds** [SLSC+24]. **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, SPQ+24]. **Selenium-Rich** [SPQ+24]. **Semantic** [LLW+22]. **Semen** [MMMNAG23, 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, MKH24]. **Sensitizes** [LSY+23]. **Sensory** [MAR+18, PHB+23, RMA+18]. **Sentinel** [ADM+24]. **Sepia** [OGMG+17]. **Septicemia** [CCP+24, 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]. **Seriolella** [RCR+23]. **Serotypes** [AMT+24]. **Serranus** [LOBTL22, MSRGCG+23]. **Serum** [LHX+23, PXH+24, XLX+22, XYC+22, XYC+23, YLH+24, ZWZ22]. **Services** [ISA+22]. **Sets** [ZS21]. **Setup** [PLC+24]. **Seven** [YJZ+24]. **Sex** [BEF+23, CMP+23, CBK+21, CPJK23a, CPJK23b, DM24, Fed23, JSJ+24, LZM+23, MYY+23, MLK+19, Näs18, PXH+24, PKV+22, SLY+21, SKK+23, SRL+19, VMS+23, ZWZ+24, ZHF+22b]. **Sex-Differences** [Näs18]. **Sex-Related** [CBK+21, MYY+23, ZHF+22b]. **Sex-Specific** [BEF+23]. **Sexual** [EBRS23, GBT+24, PXH+24, SKK+23, VLCCA+23]. **Sexually** [vKRNL+19]. **Shaanxi** [WWY+23]. **Shad** [SCT+24]. **Shading** [DCR+23]. **Shallow** [BSB+23, HZS+21, LOBTL22, SGAC20]. **Shandong** [FZZ+24, LCZ+23]. **Shape** [LFH+23, MBD+23, MDLA22, MLSC+23]. **Shaped** [LLL+23]. **Shapes** [QAC23]. **Shaping** [LHZ+23]. **Sharing** [KKPL23]. **Shark** [HL24, KSWT22, PHB+23, PKV+22, RKS+24, TCB+24, UGH+24]. **Sharks** [BSB+23, DNP+23, OSM23, SDA23, SMM+18, WSON24, ZSZSS+22]. **Shelf** [CTY+21, DQC+23, JROHVH+23, dCPFS+24, ZMLFS+20]. **Shelf-Life** [CTY+21, DQC+23, JROHVH+23, ZMLFS+20]. **Shell** [CL21, CSV+19, DLL+22, HHM+24]. **Shelled** [CZC+22]. **Shellfish** [DD23, QXM+24]. **Shengsi** [XW24]. **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, BHP+24, CdOCH+23, CBCL23, EAE+23, HSAF+23, HMP+24, HSD+24, JSLE23, LJK+22, LXW+24, LSL+24, LMNN21,

NWN+21, PMFBI22, SCHT23, SEA+23, TVL21, WPLK23, WDL+23, ZLL+23, ZWD+23, ZTWK24]. **Siavonga** [SNZ+23]. **Siberian** [AVT18]. **Sichuan** [LDX+23]. **Sicily** [FGG+22]. **Side** [RCL+23]. **sieboldii** [LXZ+22]. **Sierra** [OOG24]. **Siganus** [YLH+24]. **sign** [FHHC23, PYJ+23, SZZ+23, WZL+24, YGD+23]. **Signal** [CLL+24]. **Signaling** [RWF+23, WPLK23, ZYG+23, ZYH+24]. **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, HAdM+24]. **Siluriforms** [LHG+23]. **Silurus** [BBN+24, 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, CZJ+24, GLX+23, JCY+23, LWZ+22, LXT+22, LLS+23, LZC+23b, PLY+24, PNW+22, WHL+24, WWZ+24, XXL+24, XJC+22, YMD+21, ZLX+23, ZGY+23]. **Singapore** [LDZ+24]. **Single** [GHS20, SSSP21, SLC+22]. **Single-Cell** [GHS20]. **Single-Chain** [SLC+22]. **Siniperca** [DZC+22, JML+24, 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** [BTSK24, HLK+23, MWPS23, MWPS24, RDI+21, SLS+22]. **Size** [BHR+23, BEF+23, EBRS23, 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, LYY+24, 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, KAJ+24, 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** [AHLC19, BCG+23, MIHH23, VSH23]. **Smoothers** [ST17]. **Snail** [GMRJ22]. **Snakehead** [ZWZ+24]. **Snapper** [BF16, HWW+24a, LGZ+23, dCPFS+24]. **Snappers** [SBP23]. **Snout** [GWT+24, MYW+24, YXS+24]. **Snow** [BASBW24, FBSB24, 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]. **Solenaia** [MJL+24]. **Solenocera** [WDL+23]. **Soles** [SMO+23]. **Solid** [FDM+23b, MABÁMSM22]. **Solid-State** [FDM+23b, MABÁMSM22]. **Solids** [CdOCH+23]. **Solubles** [FDM+23b]. **Solution** [NPT+24]. **Solutions** [Dul23, OOGAS23]. **Some** [CHZ+24, MKH24]. **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+24b]. **Source-Sink** [SB20]. **Sources** [DCD+24, RHU+23, WLL+24, YHZ+23]. **South** [CTTW23, CASMK23, LWD+23, MFKS23, YCR+23, CLL+22, FGHYCA23, HSZ+22, KYB+23, LLTM17, LV23, dAMPS+23, WFZ+24b, 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, dCPFS+24, ST17, ANA+23, AFTÁPA+23, BMTR23, DAF+22, FGG+22, HXY+23, WLM+20, WFZ+23, ZVRH23]. **Southwest** [RGTPSCCC24]. **Southwestern** [SQ23]. **Sox2** [LXZ+22]. **Sox9** [LXZ+22]. **Soy** [BRB+23]. **Soybean** [AAAF+21, EPKV17, SCSR22, ULR+23, WZL+24, 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, RKL24, ZCX+22, MWPS24]. **Spatio** [MSA24, SCBSSMA24, SKF+23]. **Spatio-Temporal** [MSA24, SCBSSMA24, SKF+23]. **Spatiotemporal** [XLC+24, XYT23]. **Spawning** [BMTR23, CZC23, CHH+23, EKL+23, GFDPSR22, GGP+23, HBG+20, HAdM+24, JFP+18, PXH+24, dCPFS+24, SKK+23, TRM+23, WSI+19]. **Special** [EFG+23, Moy18, Sor21]. **Species** [APD24, AM24, AMK23, AIŠRB22, AGE+18, AAB+18, APS+21, BTSK24, BBCJ23, dRCCLRNRWK21, CFLK21, DCL+23a, DRFCL23, EBM24, FGBA+23, GP17, HARB23a, HLK+23, HVRCG18, JBGCG+24, KZC+24, KSSI24, KRAFO23, LWD+23, LVB+20, MD21, MMAO22, MBD+23, MGMG24, Moy18, MMY+17, PKC+19, PLV+19, Poi24, RKL24, 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, WSON24, WWD+23, WFZ+24b, XZZ+24, YJZ+24, YJK23, ZZW+24]. **Specific** [BEF+23, CMP+23, CXT+24, LCX+23, RXL+24, SPJ+24, WFZ+23]. **spectabilis** [MTHPJS+23]. **Spectrometry** [JSLE23]. **Spectroscopy** [KAB+23]. **Speed** [ZLZ+24]. **speibonae** [TDN+22]. **Sperm** [PKV+22, RDE+23]. **Spermatogonia** [BGMM+24]. **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]. **Spiny** [ATM+24]. **Spleen** [SHW+23]. **Splenic** [JCY+23]. **Spore** [PSS+18]. **Sporosarcina** [YBL+22]. **Spot** [XYT23, HL24]. **Spotted** [JSJ+24, LZH+23, LWL+23, LMMC+22, RGTPSCCC24, WSZ+23, WWW+24, YSG+23]. **spp** [MSK+21, SMO+23, ŠT19, UGH+24, ZHHO23]. **Spread** [Gre17]. **Spring** [BMTR23, ZCX+22]. **Squaliformes** [ARH+23]. **Squalius** [VMBT24]. **Squalomorph** [DNP+23]. **Squalus** [ARH+23]. **squamosissimus** [dAMPS+23].

Squatina [UGH+24]. **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, CZJ+24, CMP+20, LWL+23, MKH24, MPM+21, VH20, WSS+19, XRX+23, ZCT+23, ZHX+24]. **Stakeholders** [OOG24]. **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]. **Statolith** [LOT+22]. **Status** [AEME+23, ASM+22, BDŞ+24, EAE+23, FPRAT+23, GMFG+24, HFEH+23, LKD22, LWS+23b, LSJ24, MMAO22, RIF+23, RHU+23, SBP23, SAL18]. **Steindachner** [DRFCL23]. **Steindachneridion** [HAdM+24]. **stellatus** [JKK24]. **Steroid** [PXH+24, ZWZ+24]. **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, KAJ+24, MH23, SAL18]. **Sticklebacks** [AHJ+23, JBK+23]. **Stimulated** [SMO+22, SOW+23]. **Stimulation** [dSGBdF23]. **Stimulator** [CWW+23]. **Stimuli** [GGP+23]. **Stimulus** [CXT+24]. **STING** [CWW+23]. **Stingray** [PEP24, RGABD20, WGW+23]. **Stingrays** [GAR+24]. **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, LF24, MSB+23, SIZ+22, SLSC+24, ZWP+23, ZJM+23]. **Stocks** [AIŠRB22, FM21a, NTP+21, VKP+24, ZXH+23]. **Stomach** [OJC+23]. **Stomolophus** [EEdCSOPJ+23]. **Storage** [CTY+21, MAR+18, WDL+23]. **Story** [TCD+21]. **Strain** [AJF+22, LJR+24, WCX+24]. **Strains** [HHM+24, KYB+23, ZLL+23, ZZY+23]. **Strait** [SZSW21]. **Stranded** [CCP+24]. **Strategies** [AHLC19, GMMNRS18, HZL+22, SKSL23]. **Strategy** [AHK+23, NRKT19]. **Stream** [EBM24, LMC21, LOB+23]. **Streams** [MD21, SBT22, UH19]. **Strengths** [CS23]. **Streptococcus** [AMT+24, GGL+23, GCFA+22, GYH+23, HLZ+22, LCWH22, LDD+22, LBH+24, PSN18, RIF+23]. **Streptomyces** [TDN+22]. **Stress** [AASQPU+23, BHR+23, CSL24, CPJK23a, CPJK23b, CSSMV+23, DCL+23a, FMXQ23, FLR+22, GLY+23, GSHGE18, GGF+22, HMP+24, KJ22, LGZ+23, LWG+23, LCC+24, LYL+24a, LWS+23b, LSL+24, LZW+24, LYW+24, MWZ+23, MDVM+23, MCSB+19, Ord19, PLY+24, QWY+24, SGANM+24, SPJ+24, SHW+23, WMZ+22, WWZ+24, ZLZL23, ZYT+24, dAdSCC+23]. **Stress-Protective** [AASQPU+23]. **Stressed** [LMMC+22]. **Stressors** [HYN+24, WKB+23, vSRB+18]. **strigata** [ZZZ+23]. **Striped** [AHLC19, HCWH20, HBL+22, SIZ+22]. **Stripping** [MLH+20]. **Strobe** [KBCM19]. **Stroma** [SMH+24]. **Strontium** [GZF+22, ZJC+22a]. **Structural** [EEdCSOPJ+23]. **Structure** [ARH+23, ANA+23, ATM+24, 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, ZZW+24, 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, GAR+24, GLW+22, Ho22, HAC+23, Kim23a, Kim23b, KAB+20, KSSI24, LLL+23, LXT+22, MSRGCG+23, MDF+23, MFKS23, NNL+23, PAMG19, RJMVC+18, RJFCJC+21, SHT+23, TMD+19, TTT23, XLC+24, XW24, XYT23, ZMLFS+20, ZHF+22b, ZYH+24, ZJC+22a, ZJC+22b]. **Studying** [FCT19]. **Sturgeon** [AVT18, CZJ+24, 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** [KAJ+24, 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, WFZ+24a, XYC+22, XYC+23]. **Subtropical** [BS23, GL23]. **Subunit** [LTZ+22]. **Success** [HMN+22, Tri23]. **Successful** [EMFZ+18, LDX+23]. **Sucker** [RHUJ24]. **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, QXM+24, TPC+23, WFZ+24a, WLW+24, XYL+23, ZWZ22, ZYG+23]. **Supplemented** [GMDMT+23, GYH+23, JKP+23, MMM+24, RGVG19]. **Support** [LSJ24]. **Supposed** [VČ24]. **Suppressors** [WPLK23]. **Surf** [RGTPSCCC24]. **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, Mee24, 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, MGMG24, OO24]. **Sustainable** [LWT+24, Liu24, PMFBI22, PWCL23, QL22]. **Sustainably** [SB20]. **Sweden** [AVT18]. **Swept** [RGABD20]. **SWHAEZ** [KYB+23]. **Swimbladder** [DCL+23b]. **Swimming** [BSH+23, DK22, EBM24, LMB+23, LWS+23b, RDE+23, VF23, ZLZ+24]. **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]. **Synodontidae** [GMA+24]. **Synthesis** [PCO+23, WLC+23]. **Synthetase** [ZZC+22]. **Synthetic** [WSI+19]. **System** [ADM+24, CdOCH+23, dRCCLRNRWK21, CMC+24, FHHC23, GRKC19, GZX+22, GSH+24, HCWH20, HAdM+24, HPJ+23, KEA+23, LCX+23, LMNN21, MSB+23, MWZ+23, MU21, MZA+23, NLTL23, NRÁGPM+18, NSK+23, RXL+24, SLC+22, SIZ+22, SLSC+24, ZAM+23]. **Systematic** [EFQ23, ZSZSS+22, ZHHO23]. **Systematics** [CFM+23, LBC+24]. **Systems** [CMB+24, JE18, JFP+18, KTT24, LZC+23a, MIHH23].

T [LPB+24, 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** [LdRCV24, MdM+23]. **tambroides** [INCD23]. **Tandem** [JSLE23]. **Tanks** [ALNVDG+22, EEE21]. **Tanzania** [MBL20]. **tarda** [WSZ+23]. **Targeted** [ITG+18, MGMG24]. **Targeting** [ZLZ+22]. **Tasmanian** [YWDP21]. **Taste** [LXT+22]. **Taxonomic** [PWH+23, SLDC23]. **Taxonomy** [CASMK23, Gae16, Gae17, LBC+24]. **Tea** [CSL24]. **Technical** [BASBW24, TVL21]. **Techniques** [CLZ+24, FBSB24]. **Technological** [BÁD+22, LKJ22]. **Technology** [GL23, JHLW24, Pao23, RHU+23, WFZ+24b, YCL+23]. **Tegillarca** [PLJ+23]. **Tegula** [SPJ+24]. **Tejo** [Fra23]. **Telemetry** [LCW23a]. **Telencephalon** [BEF+23]. **Teleost** [MBZ+21, PKC+19, ZSZSS+22]. **Teleostei** [CZL23, CBCMRD+23, FŠS+23, GMA+24, KLD+23, MBD+23, SKK+23]. **Teleosts** [GTSG18, Mil23, UDG+19]. **Temminck** [FZZ+24]. **Temperate** [HMX+21, SMH+22a]. **Temperature** [BRB+23, DK22, FMXQ23, HZS+21, HMP+24, HYN+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, RHUJ24, WML+21, ZZW+22]. **Temporal** [BMTR23, ENO21, MSA24, SCBSSMA24, SKF+23, SLYY23, ZCX+22]. **Temporally** [LS19]. **Ten** [LKJ22]. **Tench** [CSR22]. **tenellum** [PAVCCJVV24]. **Tenggara** [HWW+24a]. **Term** [BPCC23, CTY+21, DLL+23, KJ22, KBB+21, MGS+23, Näs18, PH23, SXQ+22, UH19, WKB+23, WLL+24]. **Territorial** [XW24]. **Terror** [LBH+24]. **Test** [CHW21, JHNF24]. **Testing** [Dul23]. **Tests** [SPEGMC24]. **Tetrabromobisphenol** [vKRNL+19]. **Tetraodontidae** [KMS+17]. **Tetraselmis** [SGG+21]. **Texas** [EBM24]. **Text** [WHM21]. **Textural** [YJZ+24]. **Texture** [BMSGS+18, KMSO18, KKFC+23]. **Thai** [DRH18]. **Thailand** [SBS+24]. **Thaw** [DSC+23]. **thazard** [ZCX+22]. **Their** [APD24, ATM+24, BMMD22, Fer23, FBSB24, FLR+22, KJK+23, LWD+23, LHL+24, MMVVCJ+23, MFKS23, PYP17, SDA23, TDN+22, WSZ+23]. **Therapy** [DO24]. **Thermaikos** [KMB18]. **Thermal** [EAJG24, GGF+22, HMP+24, LOB+23, RHUJ24, SCSS23, SSSS23, ŠT19, dlCRMB+22]. **Thermally** [CFLK21]. **Thiamine** [VKP+24]. **Thick** [GMCF+22]. **Thick-Lipped** [GMCF+22]. **thori** [GP17]. **Thornback** [FPRAT+23, SSK+22, SSSS23, TMPP23]. **Threadfin** [AA23]. **Threat** [AA23, EES+23, GTSG18, HVRCG18]. **Threatened** [SKSL23, SNSVFL23]. **Three** [AML+24, BEMC23, BEG+23, DLL+23, GMMNRS18, JBK+23, KSSI24, MBD+23, RHUJ24, SHT+23, SCCM23, WLL+24, YLH+24, YHZ+23, ZWD+23, ZTWK24]. **Three-Dimensional** [ZTWK24]. **Three-Spined** [BEMC23, DLL+23, GMMNRS18, JBK+23]. **Threespine** [KAJ+24, SAL18]. **Threshold** [PWCL23]. **Throughout** [SNSG+19]. **Thun** [BWKS20]. **Thunnus** [LYL+24b]. **Thymallus** [ZLZ+24]. **Tibet** [LHG+23]. **Tigris** [MS18]. **Tilapia** [AHK+23, AMT+24, 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, HHP+24, HYXY23, MIHH23, SGAC20, WYL23, XYT23]. **Times** [HSD+24]. **TIMP** [CL21]. **Tinca** [CSR22]. **tinctoria** [dCPRG+21]. **Tissue** [AEME+23, BB23, GRKC19, LWZ+22, MSK+21, Näs18, PNW+22, dAPAA+24, WLL+22, WWZ+24, ZZL+23, ZZY+23]. **Tissues** [LZM+23, PAVCCJVV24, RSA17, RKS+24, ZZT+23]. **Tocopherol** [AASQPU+23]. **Todougba** [AHK+23]. **Toho** [AHK+23]. **Toho-Todougba** [AHK+23]. **Tolerance** [RHUJ24, 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, HYN+24, WWZ+24]. **Toxicology** [CMP+20, WWD+23]. **Trace** [RKS+24]. **Tracers** [OSM23]. **Trachinotus** [GGL+23, WLW+23]. **Trachurus** [BS23, FGHYCA23, MSA24]. **Tracking** [OOTC24]. **Tract** [TCB+24]. **Tracts** [ATM+24]. **Trade** [vSRB+18]. **Trade-Offs** [vSRB+18]. **Traditional** [EA18, MBC+24, 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** [LYL+24b, LYW+24, PLJ+23, SML+23a]. **Transcriptome** [CYL+23, CLL+23b, DAHM19, FLX+22, GGL+23, JLW+24, JCY+23, LZW+24, MYY+23, MPM+18, PYJ+23, PLY+24, RWF+23, SDA23, SLY+21, TJW+22, WYG+23, WHL+24, WCY+24, ZJJ+22, ZZT+23, ZZ24, ZSL+23, ZJM+23]. **Transcriptome-Based** [ZJM+23]. **Transcriptomes** [DM24]. **Transcriptomic** [HWX+23, JXW+23, KWK+24, SPQ+24, 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, LF24]. **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, RKL24, SOT+23]. **Trevally** [MNO+22]. **Trial** [JSJ+24]. **Tribe** [KSAB+23]. **Tributary** [SBT22]. **Trichiuridae** [SKK+23]. **Trichiurus** [FYL+23, SKK+23]. **Trichogaster** [DM24]. **Trichomycteridae** [CFM+23, CASMK23]. **Trichomycterine** [CASMK23]. **trichopterus** [DM24]. **tridentatus** [KSO+23]. **Triggered** [RE21]. **Triggerfish** [HS24]. **Trilostane** [JSJ+24]. **Trionyx** [JCY+23]. **Triple** [RDANPA+24]. **Triploid** [GLW+22, MLZ+21, WLW+24, XHC+22, ZZC+22, ZSL+23]. **Triplophysa** [LLWW23]. **Trisopterine** [Gae16, Gae17]. **Triticum** [WLL+22]. **trituberculatus** [LWS+23b]. **Trophic** [CMB+24, GPD+23]. **Tropical** [FQÁGTR+17, MPM+21, MVPMAV+22, NRÁGPM+18, PJPMMV+22, PKV+22, QWR+23, SFP17, SBP23, WFZ+23, dlCRMB+22, KSWT22]. **tropicus**

[FQÁGTR+17, MPM+21, MVPMAV+22, NRÁGPM+18, PJPMMV+22, dlCRMB+22]. **Trout** [APD+23a, APD+23b, CBK+21, CSV+19, DSC+23, EAJG24, FMBPC+23, FÅG+23, HS18, KZC+24, LUM18, LLKKV20, MD21, MDVM+23, Näs18, PXH+24, PLC+24, RDI+21, RDE+23, SMO+22, SUL+23, SCSR22, TKF+18, UH19, VAT+23, VF23, VMS+23, WFZ+24a, WLW+24, WLL+24, Web23, YZH+24, vSRB+18]. **TRPV1** [VAT+23]. **True** [SMO+23, FŠS+23]. **Trust** [IR22]. **trutta** [EAJG24, RDE+23]. **Trypanorhynch** [PYP17]. **Tryptophan** [GSHGE18, TPC+23]. **tubiashii** [DLL+22]. **tulipa** [MSK+22]. **tumbil** [GMA+24]. **Tumor** [CSGE23]. **Tuna** [DL23, EA18, HYXY23, LYL+24b, 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, ŢPN+23, TMPP23, WBK+23, XYF+24]. **Turbulence** [WMD+24]. **Türkiye** [UGH+24]. **Turnover** [BFM23]. **Turtle** [CZC+22, KSAB+23]. **Twist** [MPK+23]. **Two** [APS+21, BSB+23, FLR+22, GP17, HHM+24, JJK21, KAJ+24, LBC+24, LMMC+22, LBH+24, Mee24, SLSC+24, TCB+24, TMPP23, VMBT24, VKP+24, WZG+23, WHL+24, WBK+23, ZVRH23]. **Two-Spotted** [LMMC+22]. **Type** [CSF+23, KKFC+23, WPLK23, ZSL+24, LWS+21]. **Types** [SUL+23, ZWD+23]. **typus** [OSM23]. **Tyrrhenian** [DAF+22, Poi24].

U.S. [EvSCB23, SWS22]. **Uatumã** [GAR+24]. **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]. **Undersized** [MGMG24]. **Understand** [ST17]. **Understanding** [AGC23, BKJ+24, HWW+24a, SMO+23, SRHCO23]. **Underwater** [HARB23a, LL18a, LL18b, LWZ+23, SYL+24, WLZ+23, vSRB+18]. **Unfertilized** [LdRCV24]. **unguiculatus** [MYY+23, WFL+23]. **unicornis** [Tay19]. **Unit** [GWH21, SHT+23, WLM+20]. **United** [BPOS19, BPO19, HCWH20]. **Units** [MLSC+23]. **Unraveling** [PB24]. **Unregulated** [CXL23, OOG24]. **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, HHAG24, MD21, SOT+23, SMH+22a]. **Use** [BDŞ+24, BBF22, EBCM24, FQÁGTR+17, GFDPSR22, HBG+20, JBdFS+22, KJ22, LUM18, LF24, MBAM19, PEP24, RCL+23, RDI+21, VRG+24, WSL+23, WYL23, XW24, XYT23, ZVRH23]. **Used** [GMMNRS18, NdNFK+24b, PMFBI22, YHZ+23]. **Uses** [LUM18]. **Using** [ATM+24, AIŠRB22, AAN22, BEMC23, BAA+19, CKMT23, CBANCM+21, DQC+23, EAJG24, FGG+22, FWJ21, FBSB24, FCT19, HMN+22, HDW+23, HWZ21, ILA22, JFP+18, JROHVH+23, JTS+24, JHNF24, KTT24, 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, Sam24, ST17].

V [SRBCGV+21]. **v1.0** [PSP+22]. **Vaccinated** [GCFA+22, ZLSB22]. **Vaccine** [LTZ+22, LDD+22, XYF+24]. **vachellii** [PYJ+23]. **Valenciennes** [CHH+23]. **Validation** [JHNF24, MU21]. **Valley** [CTTW23]. **Valproate** [VLCCA+23]. **Value** [EN22, MABÁMSM22, SCBSSMA24, Tay19, YLL22]. **vannamei** [BHP+24, CdOCH+23, CBCL23, EAE+23, HSAF+23, HXS+23, HZG+21, HSD+24, LXW+24, LSL+24, LMNN21, NdNFK+24b, NdNFK+24a, NYS+23, RXL+24, SCHT23, SEA+23, WPLK23, YHZ+23, ZLL+23, ZWD+23]. **var** [CXW+23, LCC+24, XCW+23]. **var.** [LWT+24]. **Variability** [APD+23a, APD+23b, ALNVDG+22, ENO21, GTC+17, HZL+22, NTP+21, WZG+23]. **Variable** [SLC+22]. **Variables** [SMAR24]. **Variants** [AHJ+23]. **Variation** [BBCJ23, BMTR23, dSCFQB+23, GPD+23, MKH24, MBPB24, SGAC20, VPPF+19]. **Variations** [HMX+21, KYB+23, SKF+23]. **Varieties** [WHL+24]. **Various** [LYL+24b, MTM+19, RMA+18, SPJ+24, SIZ+22, YLX+22]. **vasa** [MKC+22]. **Vasotocin** [HAdM+24]. **Vegetable** [GMFG+24]. **velezensis** [LJR+24]. **ventralis** [WCX+24]. **Venus** [PSW+23]. **Verification** [HYXY23]. **veronii** [QXAY22, WCX+24]. **verreauxi** [KKFC+23]. **versus** [OOG24]. **Vertebrae** [NZVB20]. **Vertebral** [INCD23, YCR+23]. **Vertical** [PEP24, VCC+18, YCL+23]. **Vessel** [CZCW23, VK23]. **Vessels** [FYH+23, MFKS23]. **vetula** [HS24]. **vgll3** [FHF23]. **VHSV** [CCP+24]. **VI** [HYN+24]. **via** [HWW+24b, HZG+21, NWN+22, NWN+23, SCBSSMA24, 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, LDZ+24, SEA+23, XYF+24]. **Victoria** [MTPK23]. **Video** [RGABD20]. **Vietnam** [TVL21]. **View** [Hal23, LV23]. **Views** [TOB+23]. **vinifera** [HFEH+23]. **violacea** [PEP24, RCR+23, WGW+23]. **Viral** [CCP+24]. **Virtual** [BFP+23]. **Virulence** [SZZ+23, VČ24]. **Virulent** [ZLSB22]. **Virus** [CCP+24, PVY+21]. **Viscera** [MdM+23]. **Visibility** [FBSB24]. **Vision** [JBGCG+24]. **Visual** [FBSB24, LDZ+24]. **Vitamin** [MYW+24]. **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]. **Vocalization** [CLL+24]. **Volatile** [WDL+23]. **Volutharpa** [YYH+24]. **Vukić** [KRAFO23]. **vulgaris** [AZY+24, Eny17, GRO+17, RGVG19]. **Vulnerability** [FM21a, MSK+22]. **vulnificus** [JSRE+24, XYF+24].

Wahoo [GPD+23]. **Walbaum** [BFM23]. **waleckii** [ZLW+23]. **Wall** [YBL+22]. **Wanlv** [WFZ+24b]. **wanted** [RLAE23]. **Warm** [VF23]. **Warming** [DLL+23, KWK+24, LMMC+22, PFM+20, ZZW+22]. **Washington** [MD21, SOT+23]. **Waste** [KKFC+23, NWN+21, TDN+22]. **Wastewater** [LMC21]. **Water** [And23, CWMX21, CHH+23, DCR+23, GL23, GZX+22, GSH+24, HZS+21, HXS+23, IKT19, JE18, LHZ+24, LOB+23, LOBTL22, LCX+23, LMNN21, MSB+23, MGS+23, PLC+24, RDG+20, RHU+23, RSA17, RXL+24, SLS+22, TKF+18, WLZ+22b,

WFZ+24b, ZLZ+24]. **Waters** [AKM23, BSB+23, CLL+22, DCD+24, DTS+17, FZZ+24, FGHYCA23, HMX+21, HS24, JCL+24, LCZ+23, LSJ24, LZL+23, NIN+19, SCSS23, ST17, SKK+23, XZZ+24, KAR+23]. **Wave** [RGABD20, WXL+23]. **Wave-Swept** [RGABD20]. **Wavelength** [CPJK23a, CPJK23b]. **Wavelengths** [SPJ+24]. **Weaknesses** [CS23]. **Weaning** [BKBR+23, PH23]. **Web** [AA23, QWR+23]. **Weight** [CVANRD+21, HARB23b, KZC+24, LFH+23, SGAC20, XWW+24]. **Weights** [YWL+24]. **Weir** [PAMG19]. **Weirs** [SRBCGV+21]. **Welcome** [Est16]. **Welfare** [BHR+23, DCL+23a, DSC+19, FCF19, dSGBdF23, dFBdSG+19, IM24, OOTC24, SALC+19, SAL19, SBB+19, WSE+21]. **Wels** [BBN+24]. **West** [HWW+24a, MMSK21, WSON24, BC23, MSK+22, SML+23a, YCR+23]. **Western** [FPRAT+23, KYB+23, GPD+23, MD21, NNL+23, PEP24, SS23, TMPP23, YYW+23]. **Whale** [OSM23]. **Whelk** [YYH+24]. **Where** [BC23, RJMVC+18]. **White** [CdOCH+23, CBCL23, CHH+23, EAE+23, HSAF+23, HL24, HMP+24, HSD+24, JLT22, LSL+24, MNO+22, MCSB+19, RIF+23, SCHT23, ZWD+23, MNP+16]. **White-Barred** [CHH+23]. **Whitefish** [BWKS20, LLKKV20]. **Whiteleg** [BHP+24, LMNN21, WPLK23, ZLL+23]. **Whitetail** [ARH+23]. **Whole** [MBZ+21, SGG+21, ULR+23]. **Whole-Body** [ULR+23]. **Whole-Genome** [MBZ+21]. **Wide** [LZZ+22, LLY+22, ZLW+23]. **Wider** [JLT22]. **Wild** [ATM+24, AJF+22, GMCF+22, JHNF24, LDW+21, LHZ+23, MMD+23, SOW+23, TBPJ23]. **Wild-Caught** [AJF+22]. **Wind** [JLT22]. **Windows** [MPM+21]. **Winter** [FÅG+23, GTC+17]. **Wistar** [GLW+22]. **Withdrawal** [HSD+24]. **within** [APD24, And23, FJL+23, JLT22]. **woodiana** [CLL+23b]. **Workers** [TTT23]. **Workflow** [ITG+18]. **Worm** [LCW+23b]. **Wound** [ERE21]. **Wound-Induced** [ERE21]. **Wreckfish** [PPAB+18, PLV+19, WSI+19, WSS+19]. **WSSV** [HMP+24, SPEGMC24]. **wui** [GWH+22, LPK+23a].

X [JCR+22]. **XC** [YLX+22]. **XCR1** [YLX+22]. **Xenotransplantation** [BGMM+24]. **XGBoost** [HARB23b]. **Xingu** [dAMPS+23]. **Xiphias** [LLTM17, Poi24]. **Xisha** [CLL+22]. **xoriguer** [KRAFO23]. **xpc** [LSY+23]. **Xu** [XYC+23]. **Xyrichthys** [CSSMV+23].

Yangcheng [LXT+22, XJC+22]. **Yangtze** [CYL+23, CLL+24, FLX+22, JZX22, LZC+23b, WSL+23, WHY+24, ZZW+24, ZGY+23]. **Yaquina** [HHAG24]. **Yarlung** [LHG+23]. **Year** [APS+21, CZC23, VKP+24]. **Year-Classes** [VKP+24]. **Year-Round** [CZC23]. **Yearling** [Mee24]. **Years** [Mil23, MWPS23, MWPS24]. **Yeast** [LYW+24]. **Yellow** [CTY+21, CWP+21, CXT+24, GGP+23, HWW+24b, JLW+24, LTZ+22, LCZ+23, LHL+24, NHR20, PYJ+23, CHJ+23, LLWW23, SLDC23]. **Yellowfin** [DL23, LYL+24b, THS+22, WLM+20]. **Yellowstone** [KAB+20]. **Yellowtail** [ASM+22, AASQPU+23, DBP+20, MNO+22]. **yezoensis** [LZH+23]. **YFI** [XLX+22]. **YFI-G720** [XLX+22]. **Yields** [CBANCM+21]. **Yolk** [RAR+18, RMSPMC+22]. **YOLOV5** [WLZ+23, NLTL23]. **YOLOv5s** [WYL23].

Zambia [NHC+23, SNZ+23]. **Zangbo** [LHG+23]. **Zanthoxylum** [PSS+18, WZX+24]. **Zealand** [MLK+19]. **Zebrafish** [AJF+22, BGMM+24, CAC+17, CGSBGN24, CFP+23, CMP+20, DSC+19, DIL+22, DK22,

FLB+21, HFEH+23, LWS+23a, LYL+23, LCWH22, LLY+24, LSY+23, MBPB24, Ord19, TU18, TCV+19, VLCCA+23, VCL20, WWW19]. **Zhejiang** [XW24, XZZ+24]. **Zhoushan** [JCL+24]. **Zone** [KYB+23, NNL+23, RGTPSCCC24, RGABD20, HZL+22]. **Zoogeography** [LKD22]. **Zooplankton** [ATEfA+21, BWKS20, JSSD23]. **Zootechnical** [AHK+23, DRFCL23, RDE+23].

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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`.

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[CLL+24] Jia Chen, Haiying Liang, Danqing Lin, Jialu Zhang, Dong Li, Kun Ye, Wenfei Lu, and Kai Liu. Vocalization pattern and echolocation signal characteristics of Yangtze finless porpoise (*Neophocaena asiaeorientalis asiaeorientalis*) in captivity. *Fishes*, 9 (4):119, March 28, 2024. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/9/4/119`.

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[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.

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[CMB+24] Daniel Checa, Brett M. Macey, John J. Bolton, Marissa Brink-Hull, Pauline O'Donohoe, Alessandro Cardozo, Luis Henrique Poersch, and Inmaculada Sánchez. Circularity assessment in aquaculture: The case of integrated multi-trophic aquaculture (IMTA) systems. *Fishes*, 9(5):165, May 4, 2024. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/9/5/165.

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[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.

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[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.

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[CMP+23] Kasidis Chaiyasut, Paul Merviel, Peter Palma, Johanna Perschthaler, Eduardo Jimenez-Fernandez, Andrew Davie, and Alejandro P. Gutierrez. Development of an accurate 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

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Chu:2024:RBM

[CP24] Elaine Chu and Daniel Pauly. The relationship between mean length at maturity and maximum length in coral reef fish. *Fishes*, 9 (4):130, April 9, 2024. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/9/4/130.

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] Rafael Octavio Crisóstomo, Renzo Pepe-Victoriano, Sheda Méndez-Ancca, Abel Walter Zambrano-Cabanillas, Olegario Marín-Machuca, Hernan Mauricio Perez, Víctor Yana-Mamani, and Mario Ruiz-Choque. Reproductive conditioning of the Peruvian scallop *Argopecten purpuratus* in different environments. *Fishes*, 9(1): 9, December 24, 2024. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/9/1/9.

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[CS23] Lisa G. Crozier and Jared E. Siegel. A comprehensive review of the impacts of climate change on salmon: Strengths and weaknesses of the literature

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[CSB+20] Carlos Carballo, Hyun Suk Shin, Concepción Berbel, Maria Jesús Zamorano, Juan Jose Borrego, Eva Armero, Juan Manuel Afonso, and Manuel Manchado. Heritability estimates and genetic correlation for growth traits and LCDV susceptibility in gilthead sea bream (*Sparus aurata*). *Fishes*, 5(1): 2, December 25, 2020. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/5/1/2`.

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[CSF+23] Sentao Chen, Peng Shi, Qingkai Feng, Xiaoting Qiu, Jilin Xu, Xiaojun Yan, and Chengxu Zhou. A novel C-type lectin and its potential role in feeding and feed selection in *Ruditapes philippinarum*. *Fishes*, 8(2): 62, January 19, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/2/62`.

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[CSGE23] Jose Carlos Campos-Sánchez, Francisco A. Guardiola, and María Ángeles Esteban. Effects of cantharidin on fish erythrocytes, tumor cell lines, and marine pathogenic bacteria. *Fishes*, 8(5): 270, May 19, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/5/270`.

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[CSJ+23] 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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[CSL24] Yuqiao Chai, Shuhao Sun, and Yingdong Li. Assessing the effects of dietary tea polyphenols on the gut microbiota

of loaches (*Paramisgurnus dabryanus*) under chronic ammonia nitrogen stress. *Fishes*, 9 (5):180, May 15, 2024. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/9/5/180`.

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[CSR22] Jose M. Carral and María Sáez-Royuela. Replacement of dietary fishmeal by black soldier fly larvae (*Hermetia illucens*) meal in practical diets for juvenile tench (*Tinca tinca*). *Fishes*, 7(6):390, December 15, 2022. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/7/6/390`.

Cohen-Sanchez:2023:IOS

[CSSMV+23] Amanda Cohen-Sánchez, Antoni Gabriel Sánchez-Mairata, José María Valencia, Antonio Box, Samuel Pinya, Silvia Tejada, and Antoni Sureda. Immune and oxidative stress response of the fish *Xyrichthys novacula* infected with the trematode *Ectoparasite scaphanocephalus* sp. in the Balearic Islands. *Fishes*, 8(12): 600, December 06, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/12/600`.

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[CSV+19] Elena Coccia, Francesco Siano, Maria Grazia Volpe, Ettore Varricchio, Orhan Tufan Eroldogan, and Marina Paolucci. Chestnut shell extract modulates immune parameters in the rainbow trout *Oncorhynchus mykiss*. *Fishes*, 4(1):18, March 12, 2019. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/4/1/18`.

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[CTTW23] Matthew R. Campbell, Eric D. Tretter, James C. Trainer, and Richard A. Wilkison. Genetic diversity and population structure of Shoshone sculpin *Cottus greenei* in the Hagerman Valley of South-Central Idaho. *Fishes*, 8 (1):55, January 16, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/1/55`.

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[CTY+21] Yuanming Chu, Mingtang Tan, Zhengkai Yi, Zhaoyang Ding, Dazhang Yang, and Jing

Xie. Shelf-life prediction of glazed large yellow croaker (*Pseudosciaena crocea*) during frozen storage based on Arrhenius model and long-short-term memory neural networks model. *Fishes*, 6(3):39, September 10, 2021. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/6/3/39`.

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[CVANRD+21] Sergio G. Castillo-Vargasmachuca, Eugenio Alberto Aragón-Noriega, Guillermo Rodríguez-Domínguez, Leonardo Martínez-Cárdenas, Eulalio Arámbul-Muñoz, and Álvaro J. Burgos Arcos. The standard deviation structure as a new approach to growth analysis in weight and length data of farmed *Lutjanus guttatus*. *Fishes*, 6(4):60, November 12, 2021. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/6/4/60`.

Cao:2021:EAA

[CWMX21] Jie Cao, Qi Wang, Jun Mei, and Jing Xie. Effect of 3-aminobenzoic acid ethyl ester methanesulfonate (MS-222) on quality of marine cultured turbot (*Scophthalmus maximus*) during simulated transport in water. *Fishes*, 6(2):20, May 19, 2021. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/6/2/20`.

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[CWP+21] Jessica Coburn, M. Scott Wells, Nicholas B. D. Phelps, T. Gibson Gaylord, and Deborah A. Samac. Acceptance of a protein concentrate from alfalfa (*Medicago sativa*) by yellow perch (*Perca flavescens*) fed a formulated diet. *Fishes*, 6 (2):9, March 25, 2021. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/6/2/9`.

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[CWW+23] Zhongyuan Chen, Ronghua Wang, Ruisong Wang, Naitong Yu, and Pinhong Yang. Identification and characterization of the stimulator of interferon genes (STING) in Chinese giant salamander *Andrias davidianus*. *Fishes*, 8(12):597, December 04, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/12/597`.

Chen:2023:IUU

[CXL23] Xidi Chen, Qi Xu, and Lun Li. Illegal, unreported, and unregulated fishing governance in disputed maritime areas: Reflections on the international legal obligations of states. *Fishes*, 8 (1):36, January 03, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/1/36`.

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[CXT+24] Xiaojie Cui, Pengxiang Xu, Tao Tian, Mingyuan Song, Xuyang Qin, Dehua Gong, Yan Wang, Xuguang Zhang, Binbin Xing, Mingzhi Li, and Leiming Yin. Frequency-specific responses: The impact of an acoustic stimulus on behavioral and physiological indices in large yellow croaker. *Fishes*, 9(6): 217, June 7, 2024. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/9/6/217`.

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[CXW+23] Gangfu Chen, Jing Xu, Min Wu, Huatao Li, Qihui Yang, and Lin Feng. Extract of *Ginkgo biloba* leaves (EGb) decrease lipid oxidation in fish feed and meat and enhance growth and antioxidant capacity in Jian carp (*Cyprinus carpio* var. Jian). *Fishes*, 8(11):564, November 20, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/11/564`.

Cao:2023:BTA

[CYL+23] Zhichen Cao, Denghua Yin, Zhanwei Li, Yan Yan, Peng Zhang, Sigang Zhang, Danqing Lin, Zhong Hua, Jialu Zhang, Congping Ying, Han Zhang, Pao Xu, Guixin Dong, and Kai Liu. Blood transcriptome analysis provides responsive changes in gene expression between *Ex Situ* and captive Yangtze finless porpoises (*Neophocaena asiaeorientalis asiaeorientalis*). *Fishes*, 8(12): 593, November 30, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/12/593`.

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[CZC+22] Guobin Chen, Tong Zhou, Meng Chen, Guiwei Zou, and Hongwei Liang. Effect of estradiol on estrogen nuclear receptors genes expression on embryonic development stages in

Chinese soft-shelled turtle (*Pelodiscus sinensis*). *Fishes*, 7(5):223, October 2022. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/7/5/223`.

Chen:2023:YRS

[CZC23] Jun Yu Chen, Chaoshu Zeng, and Jennifer M. Cobcroft. Year-round spawning, filial cannibalism, and embryonic and larval development of the coral reef fish orchid dottyback, *Pseudochromis fridmani*. *Fishes*, 8(9): 451, September 08, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/9/451`.

Cheng:2023:AAI

[CZCW23] Xin Cheng, Fan Zhang, Xinjun Chen, and Jintao Wang. Application of artificial intelligence in the study of fishing vessel behavior. *Fishes*, 8(10): 516, October 18, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/10/516`.

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[CZJ+24] Zhaowen Chen, Yueping Zheng, Kaile Ji, Yueyong Shang, Youji Wang, and Menghong Hu. Blood-chemistry parameters comparison among different age stages of Chinese sturgeon *Acipenser sinensis*. *Fishes*, 9(6):218, June 7, 2024. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/9/6/218`.

Chen:2023:PRP

[CZL23] Lin Chen, Xiaoyu Zhang, and Huanzhang Liu. Phylogenetic relationships of the pseudogobionini group (Teleostei: Cyprinidae) with selection pressure analyses to genes of mitochondrial genome. *Fishes*, 8 (4):201, April 13, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/4/201`.

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[CZW+23] Xin Cai, Yaxing Zhang, Bin Wang, Aijun Cui, Yan Jiang, Zhaojun Meng, Yuting Li, and Yongjiang Xu. Effects of recombinant leptin proteins on the expression of key genes in the HPG axis and liver of tongue sole in vitro. *Fishes*, 8(12):608, December 16, 2023. CODEN ???? ISSN 2410-3888. URL `https:`

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[DÁ23] Patricio A. Díaz and Gonzalo Álvarez. Effects of microalgal blooms on aquaculture and fisheries. *Fishes*, 8(9): 461, September 15, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/9/461.

deAguiar:2023:EDP

[dAdSCC+23] Gustavo Augusto Carvalho Costacurta de Aguiar, Cristiana Leonor da Silva Carneiro, Daniel Abreu Vasconcelos Campelo, Rafael Costa Teixeira Rusth, João Felipe Ribeiro Maciel, Bernardo Baldisserotto, Jener Alexandre Sampaio Zuanon, Alexmiliano Vogel de Oliveira, Maria Goreti de Almeida Oliveira, Mariella Bontempo Duca de Freitas, Wilson Massamitu Furuya, and Ana Lúcia Salaro. Effects of dietary peppermint (*Mentha piperita*) essential oil on growth performance, plasma biochemistry, digestive enzyme activity, and oxidative stress responses in juvenile Nile tilapia (*Oreochromis niloticus*). *Fishes*, 8(7):374, July 20, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/7/374.

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[DAF+22] Claudio D'Iglio, Marco Albano, Sergio Famulari, Nunziacarla Spanò, Paola Rinelli, Serena Savoca, and Gioele Capillo. Basic intersexuality (abnormal hermaphroditism) in the blackmouth catshark, *Galeus melastomus*, (Rafinesque, 1810), from the Southern Tyrrhenian Sea (Central Mediterranean Sea). *Fishes*, 7 (3):120, May 28, 2022. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/7/3/120.

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[DAHM19] Gad Degani, Amir Alon, Akram Hajouj, and Ari Meerson. Vitellogenesis in blue gourami is accompanied by brain transcriptome changes. *Fishes*, 4(4):54, October 29, 2019. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/4/4/54.

Montag:2023:FRS

[dAMPS+23] Luciano Fogaça de Assis Montag, Luiz Antônio Wanderley Peixoto, Lidia Brasil

Seabra, Liziane Amaral Barbosa Gonçalves, Cleonice Maria Cardoso Lobato, Marina Barreira Mendonça, Tiago Octavio Begot, Erival Gonçalves Prata, and Tiago Magalhães da Silva Freitas. First record of spinal deformity in the South American silver croaker *Plagioscion squamosissimus* (Eupercaria: Sciaenidae) in the Xingu River, Brazil. *Fishes*, 8 (7):363, July 12, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/7/363`.

Porto:2024:EPF

[dAPAA+24] Lívia de A. Porto, Yhago P. A. S. Assis, Matheus P. S. Amorim, Paulo E. C. M. de Oliveira, Alessandro L. Paschoalini, Nilo Bazzoli, Ronald K. Luz, and Gisele C. Favero. Effects of prolonged fasting and refeeding on metabolic, physiological, tissue, and growth performance adjustments in *Colossoma macropomum*. *Fishes*, 9(2): 71, February 10, 2024. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/9/2/71`.

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[DBP+20] Chinh Thi My Dam, Mark Booth, Igor Pirozzi, Michael Salini, Richard Smullen, Tomer Ventura, and Abigail Elizur. Alternative feed raw materials modulate intestinal microbiota and its relationship with digestibility in yellowtail kingfish *Seriola lalandi*. *Fishes*, 5(2):14, May 11, 2020. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/5/2/14`.

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[DCD+24] Nicoleta Damir, Valentina Coatu, Diana Danilov, Luminita Lazăr, and Andra Oros. From waters to fish: a multi-faceted analysis of contaminants' pollution sources, distribution patterns, and ecological and human health consequences. *Fishes*, 9 (7):274, July 11, 2024. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/9/7/274`.

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[DCL+23a] Mariano Dara, Pierluigi Carbonara, Claudia La Corte, Daniela Parrinello, Matteo Cammarata, and Maria Gio-

vanna Parisi. Fish welfare in aquaculture: Physiological and immunological activities for diets, social and spatial stress on Mediterranean aqua cultured species. *Fishes*, 8(8): 414, August 12, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/8/414`.

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[DCL+23b] Bahram Sayyaf Dezfuli, Giuseppe Castaldelli, Massimo Lorenzoni, Antonella Carosi, Mykola Ovcharenko, and Giampaolo Bosi. Rodlet cells provide first line of defense against swimbladder nematode and intestinal coccidian in *Anguilla anguilla*. *Fishes*, 8(2):66, January 21, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/2/66`.

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[dCPFS+24] Larissa da Costa Pinheiro, Beatrice Padovani Ferreira, Paulo Emílio Santos, Ualerson Peixoto, and Bianca Bentes. Recent findings on spawning patterns and recommendations for the fishery management of the southern red snapper — *Lutjanus purpureus* (Poey, 1866) — on the Amazon Continental Shelf of Brazil. *Fishes*, 9 (4):136, April 15, 2024. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/9/4/136`.

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[dCPRG+21] Luana da Costa Pires, Patricia Rodrigues, Quelen 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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[DD23] Alexander G. Dvoretsky and Vladimir G. Dvoretsky. Shellfish as biosensors in online monitoring of aquatic ecosystems: a review of Russian studies. *Fishes*, 8(2):102, February 08, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/2/102`.

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[DDD+23] Diana Danilov, Lorena Dediu, Nicoleta Alexandra Damir, Valentina Coatu, and Luminita Lazar. Screening for organic pollutants in the Black Sea turbot (*Scophthalmus maeoticus*). *Fishes*, 8(5):265, May 17, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/5/265`.

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[DDG+22] Alessandra Durazzo, Gabriella Di Lena, Paolo Gabrielli, Antonello Santini, Ginevra Lombardi-Boccia, and Massimo Lucarini. Nutrients and bioactive compounds in seafood: Quantitative literature research analysis. *Fishes*, 7(3):132, June 05, 2022. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/7/3/132`.

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[DDN19] Gürkan Diken, Orhan Demir, and Mehmet Naz. The inhibitory effects and positive contributions of live foods on protease activities of meagre, *Argyrosomus regius* (Asso 1801), larvae in vitro assay. *Fishes*, 4(1):5, February 04, 2019. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/4/1/5`.

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[dFBdSG+19] Eliane Gonçalves de Freitas, Marcela Cesar Bolognesi, Ana Carolina dos Santos Gauy, Manuela Lombardi Brandão, Percilia Cardoso Giaquinto, and Marisa Fernandes-Castilho. So-

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[DIL+22] Davide Di Paola, Carmelo Iaria, Giovanni Lanteri, Marika Cordaro, Rosalia Crupi, Rosalba Siracusa, Ramona D'Amico, Roberta Fusco, Daniela Impellizzeri, Salvatore Cuzzocrea, Nunziacarla Spanò, Enrico Gugliandolo, and Alessio Filippo Peritore. Sensitivity of zebrafish embryogenesis to risk of fotemustine exposure. *Fishes*, 7(2): 67, April 2022. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/7/2/67`.

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[DK22] Anastasia Dimitriadi and George Koumoundouros. Elevated embryonic temperature has persistent adverse effects on zebrafish swimming capacity. *Fishes*, 7(6): 373, December 06, 2022. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/7/6/373`.

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[DL23] Michael A. Dance and Mitchell S. Lovell. Lipid correction for carbon stable isotope analysis of yellowfin tuna. *Fishes*, 8(9):446, September 01, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/9/446`.

laCruz:2022:LDT

[dlCRMB+22] 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`.

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[FPRAT+23] Francesca Ferragut-Perello, Sergio Ramírez-Amaro, Athanassios C. Tsikliras, Natalia Petit-Marty, Donna Dimarchopoulou, Enric Massutí, Alba Serrat, and Francesc Ordines. Exploitation and conservation status of the thornback ray (*Raja clavata*) in the Balearic Islands (Western Mediterranean). *Fishes*, 8(2): 117, February 19, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/2/117`.

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[GASS+22] Ioannis Giovos, Roxani Naasan Aga-Spyridopoulou, Fabrizio Serena, Alen Soldo, Adi Barash, Nikolaos Doumpas, Georgios A. Gkafas, Dimitra Katsada, George Katselis, Periklis Kleitou, Vasileios Minasidis, Yannis P. Papastamatiou, Eleana Touloupaki, and Dimitrios K. Moutopoulos. An updated Greek national checklist of chondrichthyans. *Fishes*, 7(4):199, August 09, 2022. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/7/4/199`.

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[GCFA+22] Mateus Cardoso Guimarães, Isabel M. Cerezo, Miguel Frederico Fernandez-Alarcon, Mariene Miyoko Natori, Luciana Yuri Sato, Camila A. T. Kato, Miguel Angel Moriñigo, Silvana Tapia-Paniagua, Danielle de Carla Dias, Carlos Massatoshi Ishikawa, Maria José T. Ranzani-Paiva, Luara Lucena Cassiano, Erna Elisabeth Bach, Patrícia B. Clissa, Daniele P. Orefice, and Leonardo Tachibana. Oral administration of probiotics (*Bacillus subtilis* and *Lactobacillus plantarum*) in Nile tilapia (*Oreochromis niloticus*) vaccinated and challenged with *Streptococcus agalactiae*. *Fishes*, 7(4):211, August 22, 2022. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/7/4/211`.

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[GMDMT+23] Jorge García-Márquez, Marta Domínguez-Maqueda, Miguel Torres, Isabel M. Cerezo, Eva Ramos, Francisco Javier Alarcón, Juan Miguel Mancera, Juan Antonio Martos-Sitcha, Miguel Ángel Moriñigo, and María Carmen Balebona. Potential effects of microalgae-supplemented diets on the growth, blood parameters, and the activity of the intestinal microbiota in *Sparus aurata* and *Mugil cephalus*. *Fishes*, 8(8):409, August 09, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/8/409.

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[GMRJ22] Sampat Ghosh, Victor Benno Meyer-Rochow,

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[GWT+24] Jinwei Gao, Hao Wu, Xing Tian, Jiayu Wu, Min Xie, Zhenzhen Xiong, Dongsheng Ou, Zhonggui Xie, and Rui Song. Calmodulin gene of blunt snout bream (*Megalobrama amblycephala*): Molecular characterization and differential expression after *Aeromonas hydrophila* and cadmium challenges. *Fishes*, 9 (5):182, May 16, 2024. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/9/5/182`.

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[JBdFS+22] Guerino Bandeira Junior, Adriane Erbice Bianchini, Carine de Freitas Souza, Sharine Nunes Descovi, Liana da Silva Fernandes, Lenise de Lima Silva, Juliana Felipetto Cargnelutti, and Bernardo Baldisserotto. The use of cinnamon essential oils in aquaculture: Antibacterial, anesthetic, growth-promoting, and antioxidant effects. *Fishes*, 7 (3):133, June 06, 2022. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/7/3/133.

Jareno:2024:EFA

[JBGCG+24] Javier Jareño, Guillermo Bárcena-González, Jairo Castro-Gutiérrez, Remedios Cabrera-Castro, and Pedro L. Galindo. Enhancing fish auction with deep learning and computer vision: Automated cal-

iber and species classification. *Fishes*, 9 (4):133, April 13, 2024. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/9/4/133`.

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[JBK+23] Lasse Lange Jensen, Thomas Bjørn, Andreas Hein Korsgaard, Cino Pertoldi, and Niels Madsen. Influence of turbidity on foraging behaviour in three-spined sticklebacks (*Gasterosteus aculeatus*). *Fishes*, 8(12):609, December 16, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/12/609`.

Jiang:2024:DAE

[JCL+24] Senping Jiang, Xinyi Chen, Pengfei Li, Haoxue Wang, Jiji Li, Kaida Xu, and Yingying Ye. Does the artificial enhancement and release activity affect the genetic diversity of marbled rockfish *Sebastiscus marmoratus* in Zhoushan waters? *Fishes*, 9 (5):161, April 28, 2024. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/9/5/161`.

Jin:2022:PAE

[JCR+22] Jiali Jin, Zhipeng Chu, Rui Ruan, Wei Liu, Xihua Chen, and Chuangju Li. Phosphorus absorption and excretion in hybrid sturgeon (*Huso dauricus* [female] X *Acipenser schrenckii* [male]) intubated with different Ca/P ratios. *Fishes*, 7(3):138, June 10, 2022. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/7/3/138`.

Jiao:2023:PST

[JCY+23] Jinbiao Jiao, Jing Chen, Jiayun Yao, Yanli Li, Xuemei Yuan, Lei Huang, Shengqi Su, and Haiqi Zhang. The pathology and splenic transcriptome profiling of *Trionyx sinensis* challenged with *Bacillus cereus*. *Fishes*, 8(2):84, January 31, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/2/84`.

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[JFP+18] Salvador Jerez, Ioannis Fakriadis, Maria Papadaki, M. Virginia Martín, Juana Rosa Cejas, and Constantinos C. Mylonas. Spawning induction of first-generation (F1) greater amberjack *Seriola dumerili* in the Canary Islands, Spain using GnRHa delivery systems. *Fishes*, 3(3):35, September 05, 2018. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/3/3/35.

Jiang:2024:IDD

[JHLW24] Yiying Jiang, Lei Huang, Yang Liu, and Shuang Wang. Impact of digital development and technology innovation on the marine fishery economy quality. *Fishes*, 9(7):266, July 5, 2024. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/9/7/266.

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[JHNF24] Arne Jungwirth, Anna Horsfield, Paul Nührenberg, and Stefan Fischer. Estimating cognitive ability in the wild: Validation of a detour test paradigm using a cichlid fish (neolamprologus pulcher). *Fishes*, 9(2):50, January 27, 2024. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/9/2/50.

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[JJB+24] George D. Jackson, Christine H. Jackson, Maura Brandao, Adam K. Jackson, Eduardo Espinoza, and Monica Soria-Carvajal. Mercury levels in the crab *Grapsus grapsus* across the Galápagos Archipelago. *Fishes*, 9(6):233, June 18, 2024. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/9/6/233.

Jeong:2021:CGS

[JJK21] Min-A Jeong, Ye-Jin Jeong, and Kwang-Il Kim. Complete genome sequences and pathogenicity analysis of two red sea bream iridoviruses isolated from cultured fish in Korea. *Fishes*, 6(4):82, December 15, 2021. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/6/4/82.

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[JK24] Christina U. Johnston and Christopher J. Kennedy. A review of P-glycoprotein function and regulation in fish. *Fishes*, 9(2):51, January 27, 2024. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/9/2/51`.

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[JKK+20] Joo-Young Jung, Soohwan Kim, Kyochan Kim, Bong-Joo Lee, Kang-Woong Kim, and Hyon-Sob Han. Feed and disease at olive flounder (*Paralichthys olivaceus*) farms in Korea. *Fishes*, 5(3):21, July 14, 2020. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/5/3/21`.

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[JKK24] Hyeok-Chan Jung, Jun-Hwan Kim, and Ju-Chan Kang. Toxic impact of dietary cadmium on bioaccumulation, growth, hematological parameters, plasma components, and antioxidant responses in starry flounder (*Platichthys stellatus*). *Fishes*, 9(2):59, January 30, 2024. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/9/2/59`.

Jang:2023:EHA

[JKP+23] Won Je Jang, Shin-Kwon Kim, So Young Park, Dong Pil Kim, Yun-Jy Heo, Haham Kim, Su-Jeong Lee, Min Gyu Shin, Eun-Woo Lee, Seunghyung Lee, and Jong Min Lee. Effect of host-associated bacillus-supplemented artificial diets on growth, survival rate, and gene expression in early-stage eel larvae (*Anguilla japonica*). *Fishes*, 8(5):247, May 08, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/5/247`.

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[JLT22] Hao-Tang Jhan, Hsin-Ta Lee, and Kuo-Huan Ting. The potential compatibility of designating offshore wind farms within wider marine protected areas—conservation of the Chinese white dolphin regarding fishers' perception. *Fishes*, 7(4):195, August 05, 2022. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/7/4/195`.

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[JLW+24] Senhao Jiang, Yuting Lei, Ti Wang, Ruiting Ma, Chunqiang Hou, and Qiuning Liu. Transcriptome analysis revealed potential immune-related genes of head kidney in the yellow catfish (*Pelteobagrus fulvidraco*) challenged with *Aeromonas hydrophila*. *Fishes*, 9 (3):100, March 06, 2024. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/9/3/100`.

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[JML+24] Pei-Mo Ju, Shi-Wei Ma, Yi-Yang Li, Shi-Fan Zhang, Jun Li, and Guang-Zhou Zhou. Investigation of the antiviral mechanism of curcumin analog EF-24 against *Siniperca cachuatsi* rhabdovirus. *Fishes*, 9(5):179, May 15, 2024. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/9/5/179`.

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[jMlL23] Xiao jiang Mao and Kang le Lu. Fish nutrition and physiology. *Fishes*, 8(8):401, August 02, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/8/401`.

Jimenez-Ruiz:2023:QIS

[JROHVH+23] Edgar Iván Jiménez-Ruíz, Víctor Manuel Ocaño-Higuera, Santiago Valdez-Hurtado, José Alberto Cruz-Guzmán, Cesar Benjamín Otero-León, Saúl Ruíz-Cruz, Alba Mery Garzón-García, Hebert Jair Barrales-Cureño, Dalila Fernanda Canizales-Rodríguez, Cinthia Jhovanna Pérez-Martínez, and María Teresa Sumaya-Martínez. Quality improvement and shelf-life extension of iced Nile tilapia fillets using natural garlic extract. *Fishes*, 8(6):325, June 19, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/6/325`.

Jiang:2024:PTM

[JSJ+24] Zheng-Ting Jiang, Gang Shi, Dong-Neng Jiang, Yu Li, Yuan-Qing Huang, Hong-Juan Shi, and Guang-Li Li. Preliminary trial of male to female sex reversal by 17β-estradiol in combination with trilostane in spotted scat (*Scatophagus argus*). *Fishes*, 9(1): 1, December 19, 2024. CODEN ???? ISSN

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[JSLE23] G. D. T. M. Jayasinghe, Joanna Szpunar, Ryszard Lobinski, and E. M. R. K. B. Edirisinghe. Determination of multi-class antibiotics residues in farmed fish and shrimp from Sri Lanka by ultra performance liquid chromatography-tandem mass spectrometry (UPLC-MS/MS). *Fishes*, 8(3):154, March 04, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/3/154.

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[JSRE+24] Peter C. Janampa-Sarmiento, Francisco Y. T. Reis, Renata C. Egger, Santiago B. de Pádua, Sóstenes A. C. Marcelino, João L. R. Cunha, Felipe Pierezan, Henrique C. P. Figueiredo, and Guilherme C. Tavares. First report of *Vibrio vulnificus* outbreak in farm-raised sorubim (*Pseudoplatystoma* sp.) from Brazil. *Fishes*, 9(2): 54, January 29, 2024. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/9/2/54.

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[JSSD23] Samuel J. Johnston, Jason B. Smith, Brady D. Slater, and Jonathan P. Doubek. Spatial density, biomass, and composition of crustacean zooplankton on Lake Michigan beaches. *Fishes*, 8(12):599, December 06, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/12/599.

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[JTS+24] Roongparit Jongjaraunsuk, Wara Taparhudee, Soranuth Sirisuay, Methee Kaewnern, Varunthat Dulyapurk, and Sommai Janekitkarn. Transfer learning model application for *Rastrelliger brachysoma* and *R. kanagurta* image classification using smartphone-captured images. *Fishes*, 9(3):103, March 07, 2024. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/9/3/103.

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[JXW+23] Nanjing Ji, Mingyang Xu, Junyue Wang, Junjia Li, Shishi Liu, Xueyao Yin, Xin Shen,

and Yuefeng Cai. Physiological and transcriptomic response of Asiatic hard clam *Meretrix meretrix* to the harmful alga *Heterosigma akashiwo*. *Fishes*, 8(2): 67, January 22, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/2/67`.

Jia:2022:FDM

[JZX22] Hui Jia, Hui Zhang, and Weiwei Xian. Fish diversity monitored by environmental DNA in the Yangtze River mainstream. *Fishes*, 7(1): 1, December 22, 2022. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/7/1/1`.

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[KAB+20] Todd M. Koel, Jeffery L. Arnold, Patricia E. Bigelow, Travis O. Brenden, Jeffery D. Davis, Colleen R. Detjens, Philip D. Doepke, Brian D. Ertel, Hayley C. Glassic, Robert E. Gresswell, Christopher S. Guy, Drew J. MacDonald, Michael E. Ruhl, Todd J. Stuth, David P. Sweet, John M. Syslo, Nathan A. Thomas, Lusha M. Tronstad, Patrick J. White, and Alexander V. Zale. Yellowstone Lake ecosystem restoration: a case study for invasive fish management. *Fishes*, 5 (2):18, June 12, 2020. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/5/2/18`.

Kerzerho:2023:MRA

[KAB+23] Vincent Kerzérho, Florence Azaïs, Serge Bernard, Sylvain Bonhommeau, Blandine Brisset, Laurent De Knyff, Mohan Julien, Michel Renovell, Tristan Rouyer, Claire Saraux, and Fabien Soulier. Multilinear regression analysis between local bioimpedance spectroscopy and fish morphological parameters. *Fishes*, 8(2):88, February 01, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/2/88`.

Karlsen:2024:TDM

[KAJ+24] Bård Ove Karlsen, Dhurba Adhikari, Tor Erik Jørgensen, Ida Klykken Hanssen, Truls Borg Moum, Jarle Tryti Nordeide, and Steinar Daae Johansen. Two distinct maternal lineages of threespine stickleback (*Gasterosteus aculeatus*) in a small Norwegian subarctic lake. *Fishes*,

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[KAR+23] Eriks Kruze, Andris Avotins, Loreta Rozenfelde, Ivars Putnis, Ivo Sics, Laura Briekmane, and Jens Olsson. The population development of the invasive round goby *Neogobius melanostomus* in Latvian Waters of the Baltic Sea. *Fishes*, 8 (6):305, June 07, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/6/305.

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[KBB+21] Jess A. Kidd, Monica Boudreau, Robert C. Bailey, Michael R. van den Heuvel, Mark R. Servos, and Simon C. Courtenay. Evaluating the sampling design of a long-term community-based estuary monitoring program. *Fishes*, 6(3): 27, August 02, 2021. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/6/3/27.

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Kamikawa:2023:GCR

[KBK+23] Keith Kamikawa, Brian W. Bowen, Donald Kobayashi, Kimberly Peyton, and Elizabeth Wallace. Genetic connectivity of roundjaw bonefish *Albula glossodonta* (Elopomorpha, Albulidae) in the Central Pacific Ocean resolved through ddRAD-based population genomics. *Fishes*, 8(12): 585, November 29, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/12/585.

Kim:2023:CSA

[KCCK23] Hansoo Kim, Sungho Cho, Jee Woong Choi, and Donhyug Kang. Characteristics of sound attenuation by individual and multiple fishes. *Fishes*, 8(3):161, March 13, 2023. CODEN ???? ISSN 2410-3888. URL https:

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Khalil:2023:EMR

[KEA+23] Karim Khalil, Ahmed Elaswad, Hisham Abdelrahman, Maximillian Michel, Wenbiao Chen, Shikai Liu, Ramjie Odin, Zhi Ye, David Drescher, Khoi Vo, William S. Bugg, Guyu Qin, Yujia Yang, Nathan J. C. Backenstose, Zhanjiang Liu, Roger D. Cone, and Rex Dunham. Editing the melanocortin-4 receptor gene in channel catfish using the CRISPR-Cas9 system. *Fishes*, 8(2):116, February 18, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/2/116.

Kim:2023:SRI

[KFS23] Hongsik Kim, Ana C. Franco, and U. Rashid Sumaila. A selected review of impacts of ocean deoxygenation on fish and fisheries. *Fishes*, 8 (6):316, June 14, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/6/316.

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[KGP24] Marcelo Kovačić, Vasilis Gerovasileiou, and Robert A. Patzner. Fishes in marine caves. *Fishes*, 9 (6):243, June 20, 2024. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/9/6/243.

Kim:2023:CKD

[Kim23a] Dong In Kim. Correction: Kim, D. I. A Study on the Metabolic Rate Change Pattern in F_2 Hybrid Sturgeon, the Bester (*Huso huso* × *Acipenser ruthenus*), during the Early Developmental Stage. Fishes 2023, **8**, 113. *Fishes*, 8 (5):257, May 12, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/5/257. See [Kim23a].

Kim:2023:SMR

[Kim23b] Dong In Kim. A study on the metabolic rate change pattern in F_2 hybrid sturgeon, the bester (*Huso huso* × *Acipenser ruthenus*), during the early developmental stage. *Fishes*, 8(2):113, February 15, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/2/113. See correction [Kim23a].

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[KJ22] Emily K. C. Kennedy and David M. Janz. The use of fish scale hormone concentrations in the assessment of long-term stress and associated adverse effects on reproductive endocrinology. *Fishes*, 7(6):393, December 16, 2022. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/7/6/393`.

Kim:2023:CRS

[KJK+23] Kyung-Ho Kim, Min-Soo Joo, Gyoungsik Kang, Won-Sik Woo, Min-Young Sohn, Ha-Jeong Son, and Chan-Il Park. Characterization of red sea bream (*Pagrus major*) interferon regulatory factor 5 and 6 genes and their expression in response to RSIV infection. *Fishes*, 8(2): 114, February 16, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/2/114`.

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[KKB20] Thodoros E. Kampouris, Emmanouil Kouroupakis, and Ioannis E. Batjakas. Morphometric relationships of the global invader *Callinectes sapidus* Rathbun, 1896 (Decapoda, Brachyura, Portunidae) from Papapouli Lagoon, NW Aegean Sea, Greece. With notes on its ecological preferences. *Fishes*, 5(1):5, January 14, 2020. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/5/1/5`.

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[KKFC+23] Katarzyna Kropielnicka-Kruk, Quinn P. Fitzgibbon, Mohamed B. Codabaccus, Andrew J. Trotter, Chris G. Carter, and Gregory G. Smith. Effect of feed texture and dimensions, on feed waste type and feeding efficiency in juvenile *Sagmariasus verreauxi*. *Fishes*, 8(11): 553, November 16, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/11/553`.

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[KKPL23] Chang-Keun Kang, Hyun-Woo Kim, Hyun Je Park, and Chung Il Lee. Sharing scientific evidence of the response of aquatic animals to environmental change. *Fishes*, 8(1): 40, January 05, 2023. CODEN ???? ISSN 2410-3888. URL `https:`

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[KKPY22] Jae Goo Kim, Su Hwan Kim, Jong Young Park, and Su-Hyang Yoo. Correlation between feeding behaviors and retinal photoreceptor cells of largemouth bass, *Micropterus salmoides*, in Korea. *Fishes*, 7(1): 25, January 19, 2022. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/7/1/25.

Kim:2023:DMP

[KLD+23] Eun-Mi Kim, Mi-Nan Lee, Chun-Mae Dong, Jae-Koo Noh, Eun-Soo Noh, Woo-Jin Kim, Bo-Hye Nam, and Young-Ok Kim. Development of a multiplex polymerase chain reaction method for rapid and accurate identification of *Girella punctata* and *G. leonina* (Teleostei: Girellidae). *Fishes*, 8(8): 415, August 12, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/8/415.

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[KMB18] Thodoros E. Kampouris, Debora Milenkova, and Ioannis E. Batjakas. On the finding of the rare crab *Paragalene longicrura* (Nardo, 1868) (Crustacea, Decapoda, Brachyura, Progeryonidae) from Thermaikos Gulf, Northwest Aegean Sea, Greece. *Fishes*, 3(3):30, August 08, 2018. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/3/3/30.

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[KMS+17] Hiroshi Kawase, Ryo Mizuuchi, Hirofumi Shin, Yuki Kitajima, Koh Hosoda, Masahiro Shimizu, Daisuke Iwai, and Shigeru Kondo. Discovery of an earliest-stage "Mystery Circle" and development of the structure constructed by pufferfish, *Torquigener albomaculosus* (Pisces: Tetraodontidae). *Fishes*, 2(3): 14, August 23, 2017. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/2/3/14.

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[KMSO18] Airi Kitasato, Tomo Miyazaki, Yoshihiro Sugaya, and Shinichiro Omachi. Automatic discrimination between *Scomber japonicus* and *Scomber australasicus* by geometric and texture features. *Fishes*, 3

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[KRAFO23] Marcelo Kovačić, Sergio Ramírez-Amaro, Maria Teresa Farriols, and Francesc Ordines. The second record of *Gymnesigobius medits* Kovačić, Ordines, Ramirez-Amaro & Schliewen, 2019, the deepest benthic gobiiform species, and the additional records of *Gobius xoriguer* Iglésias, Vukić & Šanda, 2021 (Actinopterygii: Gobiiformes: Gobiidae). *Fishes*, 8(6):331, June 20, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/6/331.

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[KSAB+23] Rajendran Kiruba-Sankar, Sirisha Adamala, Jessica Barman, Kandasamy Saravanan, Jayasimhan Praveenraj, Eswaran Yuvaraj, Gokhlesh Kumar, and Sheikh Zamir Ahmed. Aboriginal tribe's knowledge of the endangered freshwater turtle *Cuora amboinensis* in Car Nicobar, a remote oceanic island in the Bay of Bengal. *Fishes*, 8(10): 517, October 18, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/10/517.

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[KSO+23] Parker Kalan, John Steinbeck, Freddy Otte, Sean C. Lema, and Crow White. Filter-feeding Pacific lamprey (*Entosphenus tridentatus*) ammocetes can reduce suspended concentrations of *E. coli* bacteria. *Fishes*, 8(2):101, February 08, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/2/101.

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[KSSI24] Richard C. Kolanczyk, Laura E. Solem, Patricia K. Schmieder, and James M. McKim III. A comparative study of Phase I and II hepatic microsomal biotransformation of phenol in three species of Salmonidae: Hydroquinone, catechol, and phenylglucuronide formation. *Fishes*, 9(7): 284, July 17, 2024. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/9/7/284.

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[KSWT22] Richard Kindong, Ousmane Sarr, Feng Wu, and Siquan Tian. Length-based assessment methods for the conservation of a pelagic shark, *Carcharhinus falciformis* from the Tropical Pacific Ocean. *Fishes*, 7 (4):184, July 25, 2022. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/7/4/184`.

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[KTT24] Minoru Kadota, Shinsuke Torisawa, and Tsutomu Takagi. Quantitative assessment and analysis of fish behavior in closed systems using information entropy. *Fishes*, 9(6):224, June 12, 2024. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/9/6/224`.

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[KWK+24] Sarah Kempf, Heidrun Sigrid Windisch, Kristina Lore Kunz, Hans-Otto Pörtner, Felix Christopher Mark, and Magnus Lucassen. Hepatic transcriptomic responsiveness of polar cod, *Boreogadus saida*, to ocean acidification and warming. *Fishes*, 9 (7):271, July 10, 2024. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/9/7/271`.

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[LWD+23] Menghui Li, Xuehui Wang, Feiyan Du, Shuai Peng, Lianggen Wang, Dianrong Sun, Yuezhong Wang, Pimao Chen, and Yongsong Qiu. Spatial distribution of major fish species catches and their relationship with environmental factors in the Beibu Gulf, South China Sea. *Fishes*, 8(11):559, November 20, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/11/559`.

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[LWG+23] Jiyuan Li, Yanfeng Wang, Teng Guo, Shihong Xu, Guang Gao, Feng Liu, Xiaoyang Guo, Yanduo Wu, Haixia Zhao, and Jun Li. Phenethylamine is a potential density stress pheromone in turbot (*Scophthalmus maximus*). *Fishes*, 8(10):506, October 11, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/10/506`.

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[LWL+23] Zhilong Liu, Tuo Wang, Peng Liu, Dongneng Jiang, Xi Liu, Siping Deng, Tianli Wu, Yang Huang, Chunhua Zhu, Guangli Li, and Mouyan Jiang. Selection of reference gene for expression studies in the ovary and pituitary of spotted scat (*Scatophagus argus*) at different ovarian stages. *Fishes*, 8(2): 120, February 20, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/2/120`.

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[LWT+24] Nguyen Vu Linh, Supreya Wannavijit, Khambou Tayyamath, Nguyen Dinh-Hung, Thitikorn Nititanarapee, Md Afsar Ahmed Sumon, Orranee Srinual, Patima Permpoonpattana, Hien Van Doan, and Christopher L. Brown. Black soldier fly (*Hermetia illucens*) larvae meal: a sustainable alternative to fish meal proven to promote growth and immunity in koi carp (*Cyprinus carpio* var. *koi*). *Fishes*, 9(2):53, January 28, 2024. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/9/2/53.

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[LWZ+23] Liang Liu, Junfeng Wu, Tao Zheng, Haiyan Zhao, Han Kong, Boyu Qu, and Hong Yu. Fish recognition in the underwater environment using an improved ArcFace loss for precision aquaculture. *Fishes*, 8(12): 591, November 30, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/12/591.

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[LXT+22] Hongbo Liu, Junren Xue, Jing Tang, Tao Jiang, Xiubao Chen, and Jian Yang. Taste attributes of the "June Hairy Crab" juveniles of Chinese mitten crab (*Eriocheir sinensis*) in Yangcheng Lake, China—a pilot study. *Fishes*, 7 (3):128, May 31, 2022. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/7/3/128.

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[LXZ+22] Min Lu, Zenghou Xing, Yurui Zhou, Youhou Xu, Huijing Peng, Jie Zou, Solomon Felix Dan, Zhicai She, Pengliang Wang, Jinfeng Liu, Shaomin Qin, Jialin Yang, and Peng Zhu. Cloning and expression of Sox2 and Sox9 in embryonic and gonadal development of *Lutraria sieboldii*. *Fishes*, 7(6): 392, December 16, 2022. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/7/6/392.

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[LYL+23] Yaxi Li, Zhi Yan, Ainuo Lin, Xiaodong Li, and Ke Li. Non-dose-dependent relationship between antipredator behavior and conspecific alarm substance in zebrafish. *Fishes*, 8(2): 76, January 28, 2023. CODEN ???? ISSN

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[LYY+24] Jialong Liu, Miaomiao Yin, Zhi Ye, Jingjie Hu, and Zhenmin Bao. Harnessing hue: Advances and applications of fish skin pigmentation genetics in aquaculture. *Fishes*, 9(6): 220, June 10, 2024. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/9/6/220.

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[LZZ+22] Haoyu Li, Xiaonan Zhang, Yang Zhang, Qi Liu, Fengwen Liu, Donglin Li, and Hucai Zhang. Climate-driven synchrony in anchovy fluctuations: A Pacific-wide comparison. *Fishes*, 7(4):193, August 05, 2022. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/7/4/193`.

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Madia:2024:RAF

[MBC+24] Manfredi Madia, Massimiliano Bottaro, Tiziana Cillari, Andrea Li Vorsi, Luca Castriota, Maria Rita Amico, Sergio Bizzarri, Teresa Maggio, Manuela Falautano, Michele Gristina, Ilaria Di Lauro, Floriana Trova, Patrizia Perzia, Roberto D'Ambra, Enrico Casola, and Mauro Sinopoli. Reducing artisanal fishery impact on marine community: New data from comparison of innovative and traditional gear. *Fishes*, 9

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[MBD+23] Christian James C. Morales, Kyle Dominic E. Barnuevo, Emmanuel S. Delloro, Jr., Roxanne A. Cabebe-Barnuevo, Jenylle Kate S. Calizo, Sanny David P. Lumayno, and Ricardo P. Babaran. Otolith morphometric and shape distinction of three redfin species under the genus *Decapterus* (Teleostei: Carangidae) from Sulu Sea, Philippines. *Fishes*, 8(2): 95, February 05, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/2/95.

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[MBL20] Deogratias Pius Mulokozi, Håkan Berg, and Torbjörn Lundh. An ecological and economical assessment of integrated amaranth (*Amaranthus hybridus*) and Nile tilapia (*Oreochromis niloticus*) farming in Dar es Salaam, Tanzania. *Fishes*, 5(3): 30, September 18, 2020. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/5/3/30.

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[MBP+24] Darrell Mullowney, Krista Baker, Julia Pantin, William Coffey, Kyle Lefort, and Katie Morrissey. Merits of multi-indicator precautionary approach management in a male-only crab fishery. *Fishes*, 9(5):187, May 18, 2024. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/9/5/187.

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[MBPB24] Gil Martinez-Bautista, Pamela Padilla, and Warren W. Burggren. Genetic basis for morphological variation in the zebrafish Danio rerio: Insights from a low-heterozygosity line. *Fishes*, 9(5):164, May 2, 2024. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/9/5/164.

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[MBZ+21] Subham Mukherjee, Oldřich Bartoš, Kamila Zdeňková, Petr Hanák, Petra Horká, and Zuzana Musilova. Evolution of the parvalbumin genes in teleost fishes after the whole-genome duplication. *Fishes*,

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[MCSB+19] Márcio Moreira, Anaísa Cordeiro-Silva, Marisa Barata, Pedro Pousão-Ferreira, and Florbela Soares. Influence of age on stress responses of white seabream to amyloodiniosis. *Fishes*, 4 (2):26, April 08, 2019. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/4/2/26.

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[MD21] Kyle D. Martens and Jason Dunham. Evaluating coexistence of fish species with coastal cutthroat trout in low order streams of Western Oregon and Washington, USA. *Fishes*, 6 (1):4, January 30, 2021. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/6/1/4.

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[MDF+23] Matteo Mazzucato, Tiziano Dorotea, Eleonora Franzago, Paolo Mulatti, Giulio Marchetti, Claudia Casarotto, Andrea Fabris, Nicola Ferrè, Anna Toffan, Andrea Marsella, Azzurra Callegaro, Grazia Manca, and Manuela Dalla Pozza. Overview on the biosecurity measures of salmonid fish farms: a case study in Italy. *Fishes*, 8(11): 554, November 16, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/11/554.

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[MDLA22] Ana Moura, Ester Dias, Rodrigo López, and Carlos Antunes. Regional population structure of the European eel at the southern limit of its distribution revealed by otolith shape signature. *Fishes*, 7(3):135, June 07, 2022. CO-

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[MdM+23] Thiago Macedo Santana, Francisco de Matos Dantas, Driely Kathriny Monteiro Dos Santos, Juliana Tomomi Kojima, Yugo Moraes Pastrana, Rogério Souza De Jesus, and Ligia Uribe Gonçalves. Fish viscera silage: Production, characterization, and digestibility of nutrients and energy for tambaqui juveniles. *Fishes*, 8(2): 111, February 14, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/2/111.

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[MDVM+23] Alfredo Molina, Phillip Dettleff, Valentina Valenzuela-Muñoz, Cristian Gallardo-Escarate, and Juan Antonio Valdés. High-temperature stress induces autophagy in rainbow trout skeletal muscle. *Fishes*, 8(6):303, June 06, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/6/303.

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[Mee24] Jonathan R. Meerbeek. Poststocking behavior and survival of large yearling muskellunge (*Esox masquinongy*) in two Northern Iowa natural lakes. *Fishes*, 9 (6):216, June 6, 2024. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/9/6/216.

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[MFKS23] Ahmad Imam Muslim, Miho Fujimura, Tsuji Kazunari, and Muslim Salam. Small-scale marine fishers' possession of fishing vessels and their impact on net income levels: a case study in Takalar District, South Sulawesi Province, Indonesia. *Fishes*, 8(9): 463, September 15, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/9/463.

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[MGS+23] Xiaomin Miao, Hui Guo, Yong Song, Chunying Du, Jingyun Feng, Yixi Tao, Hao Xu, and Yun Li. Improvement of flesh quality of farmed silver carp (*Hypophthalmichthys molitrix*) by short-term stocked in natural water. *Fishes*, 8(3):142, February 28, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/3/142.

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[MH23] Neal D. Mundahl and Kelsey A. Hoffmann. Condition, reproductive fitness, and fluctuating asymmetry in brook stickleback: Responses to anthropogenic runoff. *Fishes*, 8(11):557, November 19, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/11/557.

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[MHZ+23] Doaa M. Mokhtar, Marwa M. Hussein, Giacomo Zaccone, Alessio Alesci, Eugenia Rita Lauriano, and Ramy K. A. Sayed. Gills of molly fish: a potential role in neuro-immune interaction. *Fishes*, 8 (4):195, April 08, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/4/195.

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[MIHH23] Enrique Pino Martinez, Albert Kjartan Dagbjartarson Imsland, Anne-Camilla Diesen Hosfeld, and Sigurd Olav Handeland. Effect of photoperiod and transfer time on Atlantic salmon smolt quality and growth in freshwater and seawater aquaculture systems. *Fishes*, 8(4):212, April 18, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/4/212.

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[MJL+24] Xueyan Ma, Wu Jin, Guohua Lv, Wanwen Chen, Dongpo Xu, Pao Xu, Dan Hua, and Haibo Wen. In vitro culture of glochidia and morphological changes in juveniles of the endangered freshwater mussel *Solenaia oleivora*. *Fishes*, 9 (2):49, January 27, 2024. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/9/2/49`.

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[MKC+22] Qian Ma, Jiehua Kuang, Gang Chen, Jiandong Zhang, Jiansheng Huang, Feifan Mao, and Qiling Zhou. Cloning and expression profiling of the gene `vasa` during first annual gonadal development of cobia (*Rachycentron canadum*). *Fishes*, 7(2):60, April 10, 2022. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/7/2/60`.

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[MKH24] Sarah Marteinson, Melanie Kingsbury, and Dounia Hamoutene. Data review on the variation in sensitivity to aquaculture chemotherapeutants in some crustacean life stages. *Fishes*, 9 (7):273, July 11, 2024. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/9/7/273`.

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[MLH+20] Francis Pius Mmanda, Jan Erik Lindberg, Anna Norman Haldén, Matern S. P. Mtolera, Rukia Kitula, and Torbjörn Lundh. Digestibility of local feed ingredients in tilapia *Oreochromis niloticus* juveniles, determined on faeces collected by siphoning or stripping. *Fishes*, 5(4):32, October 15, 2020. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/5/4/32`.

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[MLSC+23] Rubén Muñoz-Lechuga, Fambaye Ngom Sow, Diaha N'Guessan Constance, Davy Angueko, David Macías, Alexia Massa-Gallucci, Guelson Batista da Silva, Jorge M. S. Gonçalves, and Pedro G. Lino. Differentiation of spatial units of genus *Euthynnus* from the Eastern Atlantic and the Mediterranean using otolith shape analysis. *Fishes*, 8(6):317, June 15, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/6/317`.

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[MMAO22] Imanol Miqueleiz, Rafael Miranda, Arturo Hugo Ariño, and Elena Ojea. Conservation-status gaps for marine top-fished commercial species. *Fishes*, 7(1):2, December 23, 2022. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/7/1/2`.

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[MMD+23] Danny Morick, Yuval Maron, Nadav Davidovich, Ziv Zemah-Shamir, Yaarit Nachum-Biala, Peleg Itay, Natascha

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[MML22] Rodney Tatenda Muringai, Paramu Mafongoya, and Romano Trent Lottering. Sub-Saharan Africa freshwater fisheries under climate change: a review of impacts, adaptation, and mitigation measures. *Fishes*, 7 (3):131, June 02, 2022. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/7/3/131`.

Mori:2024:GMH

[MMM+24] Natacha C. Mori, Bruna T. Michelotti, Caio C. F. Magnotti, Caroline A. Bressan, Letícia B. Bianchin, Fernando J. Sutili, Ana Paula G. Almeida, Luiz C. Kreutz, Maria A. Pavanato, Vinicius R. Cerqueira, Silvio T. da Costa, Bernardo Baldisserotto, and Berta M. Heinzmann. Growth, metabolic, hepatic and redox parameters, digestive enzymes and innate immunity in *Mugil liza* fed a citral-supplemented diet. *Fishes*, 9(6):240, June 20, 2024. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/9/6/240`.

Madariaga-Mendoza:2023:EIM

[MMMNAG23] Diana Madariaga-Mendoza, José Marrugo-Negrete, and Víctor Atencio-García. Effect of inorganic mercury on semen quality, embryo and larval development of bocachico *Prochilodus magdalenae*. *Fishes*, 8(9):445, August 31, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/9/445`.

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[MMSK21] Mutia Kamalia Mukhtar, Masita Dwi Mandini Manessa, Supriatna Supriatna, and Liya Tri Khikmawati. Spatial modeling of potential lobster harvest grounds in Palabuhanratu Bay, West Java, Indonesia. *Fishes*, 6(2):16, April 21, 2021. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/6/2/16`.

Mendez-Martinez:2023:GPF

[MMVVCJ+23] Yuniel Méndez-Martínez, Alan Rodrigo Vera-Veliz, Edilmar Cortés-Jacinto, Yanis Cruz-Quintana, Aroldo Botello-Leon, Pedro Daniel Mendoza-Carranza, and Natalia S. Calvo. Growth performance, feed utilisation, digestive and metabolic enzyme activity, and liver morphohistology in hybrid tilapia (*Oreochromis mossambicus* × *Oreochromis niloticus*) juveniles fed with the inclusion of chitosan in their diet. *Fishes*, 8(11): 546, November 09, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/11/546`.

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[MMY+17] Mansour Torfi Mozanzadeh, Jasem G. Marammazi, Morteza Yaghoubi, Naser Agh, Esmaeil Pagheh, and Enric Gisbert. Macronutrient requirements of silvery-black porgy (*Sparidentex hasta*): a comparison with other farmed sparid species. *Fishes*, 2(2):5, May 13, 2017. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/2/2/5`.

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[MNO+22] Takeshi Miura, Munenori Nishikawa, Yuki Otsu, Muhammad Fariz Zahir Ali, Atsushi Hashizume, and Chiemi Miura. The effects of silkworm-derived polysaccharide (silkrose) on ectoparasitic infestations in yellowtail (*Seriola quinqueradiata*) and white trevally (*Pseudocaranx dentex*). *Fishes*, 7(1): 14, January 09, 2022. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/7/1/14`.

Murzina:2016:LFA

[MNP+16] Svetlana A. Murzina, Zinaida A. Nefedova, Svetlana N. Pekkoeva, Tatiana R. Ruokolainen, Pauli O. Ripatti, Andrey V. Semushin, and Nina N. Nemova. Lipids and fatty acids of the White Sea herring *Clupea pallasi marisalbi* Berg (Clupeiformes, Clupeidae) from different habitats of the White Sea. *Fishes*, 1(1):65–76, October 13, 2016. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/1/1/65`.

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[MOW+18] Stephen R. Midway, Andrew Ostrowski, Lindsey West, Mario Hernandez, and Matthew D. Robertson. Improved growth estimates for *Lethrinus harak*: Measuring increments, adjusting ages, and fitting flexible growth models. *Fishes*, 3 (3):31, August 14, 2018. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/3/3/31`.

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[Moy18] Francisco Javier Moyano. Editorial for the special issue on nutritional requirements in new fish species under culture. *Fishes*, 3(2): 18, March 23, 2018. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/3/2/18`.

Murie:2023:AGF

[MPK+23] Debra J. Murie, Daryl C. Parkyn, Christopher C. Koenig, Felicia C. Coleman, Christopher R. Malinowski, Jessica A. Cusick, and Robert D. Ellis. Age, growth, and functional gonochorism with a twist of diandric protogyny in goliath grouper from the Atlantic Coast of Florida. *Fishes*, 8(8):412, August 11, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/8/412`.

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[MPM+18] Danixa Martínez, Juan Pablo Pontigo, Francisco J. Morera, Alejandro. Yañéz, and Luis Vargas-Chacoff. Head kidney transcriptome analysis and characterization for the sub-Antarctic notothenioid fish *Eleginops maclovinus*. *Fishes*, 3(1):8, January 25, 2018. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/3/1/8`.

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[MPM+21] Gil Martínez, Emyr Peña, Rafael Martínez, Susana Camarillo, Warren Burggren, and Alfonso Álvarez. Survival, growth, and development in the early stages of the tropical gar *Atractosteus tropicus*: Developmental critical Windows and the influence of temperature, salinity, and oxygen availability. *Fishes*, 6(1): 5, February 12, 2021. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/6/1/5`.

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[MS18] Montazer Mensoor and Ali Said. Determination of heavy metals in freshwater fishes of the Tigris River in Baghdad. *Fishes*, 3(2):23, June 13, 2018. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/3/2/23`.

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[MS20] Kenneth A. McColl and Agus Sunarto. Biocontrol of the common carp (*Cyprinus carpio*) in Australia: a review and future directions. *Fishes*, 5(2):17, June 02, 2020. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/5/2/17`.

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[MSA24] Hugo Mendes, Cristina Silva, and Manuela Azevedo. Southern horse mackerel (*Trachurus trachurus*) spatio-temporal distribution patterns based on fine-scale resolution data. *Fishes*, 9(3): 93, February 29, 2024. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/9/3/93`.

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[MSB+23] Snigdha S. Majhi, Soibam Khogen Singh, Pradyut Biswas, Reshmi Debbarma, Janmejay Parhi, Soibam Ngasotter, Gusheinzed Waikhom, Dharmendra Kumar Meena, Ayam Gangarani Devi, Sudhanshu S. Mahanand, K. A. Martin Xavier, and Arun Bhai Patel. Effect of stocking density on growth, water quality changes and cost efficiency of butter catfish (*Ompok bimaculatus*) during seed rearing in a biofloc system. *Fishes*, 8(2):61, January 19, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/2/61`.

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[MSK+21] Miriam Martin, Stephen Smith, Michael Kleinhenz, Geraldine Magnin, Zhoumeng Lin, David Kuhn, Shawnee Montgomery, and Johann Coetzee. Comparative pharmacokinetics and tissue concentrations of flunixin meglumine and meloxicam in tilapia (Oreochromis spp.). *Fishes*, 6(4): 68, November 25, 2021. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/6/4/68`.

Mahu:2022:CRA

[MSK+22] Edem Mahu, Salieu Sanko, Allieubakarr Kamara, Ernest Obeng Chuku, Elizabeth Effah, Zacharie Sohou, Yaovi Zounon, Victoria Akinjogunla, Ruth Oluwatoyin Akinnigbagbe, Hamet Diaw Diadhiou, and Robert Marchant. Climate resilience and adaptation in West African oyster fisheries: An expert-based assessment of the vulnerability of the oyster *Crassostrea tulipa* to climate change. *Fishes*, 7(4):205, August 16, 2022. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/7/4/205.

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[MSRGCG+23] Sara Madera-Santana, Carlos Rodríguez-García, Jairo Castro-Gutiérrez, Ángel Rafael Domínguez-Bustos, and Remedios Cabrera-Castro. Discarded but not dismissed: a comprehensive study of the feeding habits of the brown comber (*Serranus hepatus*, (Linneaus 1758)) in the Gulf of Cádiz (NE Atlantic). *Fishes*, 8(11): 541, November 02, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/11/541.

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[MTHPJS+23] Maribel Méndez-Tepepa, Karla Hernández-Pérez, Libertad Juárez-Santacruz, Senobia Rosalia Cruz-Lumbreras, Edelmira García-Nieto, Arely Anaya-Hernández, and Cuauhtémoc Morales-Cruz. Cytotoxic effects of the atrazine herbicide on erythrocytes and liver damage in *Lithobates spectabilis*. *Fishes*, 8(4):207, April 16, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/4/207.

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[MTM+19] Dmitry L. Maslov, Oxana P. Trifonova, Anton N. Mikhailov, Konstantin V. Zolotarev, Kirill V. Nakhod, Valeriya I. Nakhod, Nataliya F. Belyaeva, Marina V. Mikhailova, Petr G. Lokhov, and Alexander I. Archakov. Comparative analysis of skeletal muscle metabolites of fish with various rates of aging. *Fishes*, 4 (2):25, March 31, 2019. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/4/2/25.

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[MTPK23] Veronica Mpomwenda, Tumi Tómasson, Jón Geir Pétursson, and Dadi Mar Kristófersson. From co-operation to coercion in fisheries management: The effects of military intervention on the Nile perch fishery on Lake Victoria in Uganda. *Fishes*, 8(11): 563, November 20, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/11/563`.

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[MU21] Hiroshi Miyanishi and Katsuhisa Uchida. Establishment of a simplified system to evaluate salinity preference and validation of behavioral salinity selection in the Japanese medaka, *Oryzias latipes*. *Fishes*, 6(2):18, April 28, 2021. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/6/2/18`.

Maytorena-Verdugo:2022:IMO

[MVPMAV+22] Claudia I. Maytorena-Verdugo, Emyr S. Peña-Marín, Carina S. Alvarez-Villagómez, Graciela M. Pérez-Jiménez, César A. Sepúlveda-Quiroz, and Carlos A. Alvarez-González. Inclusion of mannan-oligosaccharides in diets for tropical gar *Atractosteus tropicus* larvae: Effects on growth, digestive enzymes, and expression of intestinal barrier genes. *Fishes*, 7 (3):127, May 31, 2022. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/7/3/127`.

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[MWPS23] Dylan Monahan, Jeff S. Wesner, Stephanie M. Parker, and Hannah Schartel. Spatial patterns in fish assemblages across the National Ecological Observation Network (NEON): the first six years. *Fishes*, 8(11): 552, November 16, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/11/552`. See correction [MWPS24].

Monahan:2024:CMA

[MWPS24] Dylan Monahan, Jeff S. Wesner, Stephanie M. Parker, and Hannah Schartel. Correction: Monahan et al., *Spatial Patterns in Fish Assemblages across the National Ecological Observation Network (NEON): The First Six Years*. Fishes 2023, **8**, 552. *Fishes*, 9(2):68, February 08, 2024. CO-

DEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/9/2/68. See [MWPS23].

Mao:2023:IAS

[MWZ+23] Hanping Mao, Bin Wang, Jian Zhao, Yafei Wang, Xiaoxue Du, and Qiang Shi. Influences of aquaponics system on growth performance, antioxidant parameters, stress parameters and gene expression of *Carassius auratus*. *Fishes*, 8(7):360, July 11, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/7/360.

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[MYW+24] Abdullateef Mukhtar Muhammad, Chang Yang, Jingyuan Wang, Xianping Ge, Bo Liu, Linghong Miao, Guodong Gao, and Qunlan Zhou. Vitamin C alleviates intestinal inflammation caused by *Aeromonas hydrophila* in juvenile blunt snout bream (Megalobrama amblycephala). *Fishes*, 9(4):129, April 8, 2024. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/9/4/129.

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[MYY+23] Yanwen Ma, Yingying Ye, Ronghui Yao, Pengzhi Qi, and Jiji Li. Transcriptome sequencing analysis of sex-related genes in the gonads of *Mytilus unguiculatus*. *Fishes*, 8(9):456, September 11, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/9/456.

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[MZA+23] Doaa M. Mokhtar, Giacomo Zaccone, Alessio Alesci, Michal Kuciel, Manal T. Hussein, and Ramy K. A. Sayed. Main components of fish immunity: an overview of the fish immune system. *Fishes*, 8(2):93, February 05, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/2/93.

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[Näs18] Joacim Näslund. Relative mass of brain- and intestinal tissue in juvenile brown trout: No long-term effects of compensatory growth; with additional notes on emerging sex-differences. *Fishes*, 3(4):38, September 28, 2018. CODEN ???? ISSN 2410-

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[NDC+23] Lacrămioara (Grădinariu) Năstac, Lorena Dediu, Mirela Creţu, Cristian Rîmniceanu, Angelica Docan, Iulia Grecu, Floricel Maricel Dima, Maria Desimira Stroe, and Camelia Vizireanu. The protective effects of korill product on carp fingerlings reared in high densities and challenged with albendazole treatment. *Fishes*, 8(3): 153, March 04, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/3/153.

Negrini:2024:PRF

[NdNFK+24a] Celma Negrini, Caio Henrique do Nascimento Ferreira, Rafael Ortiz Kracizy, Rosane Lopes Ferreira, Luana Costa, Marlise Teresinha Mauerwerk, Milena Cia Retcheski, Luisa Helena Cazarolli, Wilson Rogério Boscolo, and Eduardo Luis Cupertino Ballester. Partial replacement of fish meal with protein hydrolysates in the diet of *Penaeus vannamei* (Boone, 1934) during the nursery phase. *Fishes*, 9(2):75, February 15, 2024. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/9/2/75.

Negrini:2024:DPH

[NdNFK+24b] Celma Negrini, Caio Henrique do Nascimento Ferreira, Rafael Ortiz Kracizy, Rosane Lopes Ferreira, Luana Cardoso dos Santos, Milena Cia Retcheski, Marlise Teresinha Mauerwerk, Luisa Helena Cazarolli, Wilson Rogério Boscolo, and Eduardo Luis Cupertino Ballester. Different protein hydrolysates can be used in the *Penaeus vannamei* (Boone, 1934) diet as a partial replacement for fish meal during the grow-out phase. *Fishes*, 9(2): 73, February 12, 2024. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/9/2/73.

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[NGMR23] Rebecca Walugembe Nambi, Abebe Getahun, Fredrick Jones Muyodi, and Edward Rukunya. Impacts of land cover changes on catches of Nile perch and Nile tilapia on Lake Kyoga, Uganda. *Fishes*, 8(3): 158, March 10, 2023.

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Ndashe:2023:ARF

[NHC+23] Kunda Ndashe, Bernard Mudenda Hang'ombe, Katendi Changula, John Yabe, Mulemba Tillika Samutela, Mwansa M. Songe, Alexander Shula Kefi, Loziwe Njobvu Chilufya, and Martin Sukkel. An assessment of the risk factors associated with disease outbreaks across tilapia farms in Central and Southern Zambia. *Fishes*, 8(1):49, January 12, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/1/49.

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[NHR20] Raymond M. Newman, Fred G. Henson, and Carl Richards. Competition between invasive ruffe (*Gymnocephalus cernua*) and native yellow perch (*Perca flavescens*) in experimental mesocosms. *Fishes*, 5(4):33, October 17, 2020. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/5/4/33.

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[NIN+19] Dian Novianto, Ilham, Chandara Nainggolan, Syarif Syamsuddin, Arief Efendi, Sugianto Halim, Yaser Krisnafi, Muhamad Handri, Abdul Basith, Yusrizal, Erick Nugraha, Suciadi Catur Nugroho, and Bram Setyadji. Developing an abundance index of skipjack tuna (*Katsuwonus pelamis*) from a coastal drifting gillnet fishery in the southern waters of Indonesia. *Fishes*, 4(1):10, February 11, 2019. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/4/1/10.

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[NKC+21] Cosmas Nathanailides, Markos Kolygas, Konstantina Choremi, Theodoros Mavraganis, Evangelia Gouva, Kosmas Vidalis, and Fotini Athanassopoulou. Probiotics have the potential to significantly mitigate the environmental impact of freshwater fish farms. *Fishes*, 6(4):76, December 08, 2021. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/6/4/76.

Natesan:2023:ARS

[NLTL23] Balaji Natesan, Chuan-Ming Liu, Van-Dai Ta, and Raymond Liao. Advanced robotic system with keypoint extraction and YOLOv5 object detection algorithm for precise livestock monitoring. *Fishes*, 8(10): 524, October 21, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/10/524`.

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[NNL+23] Magda Nenciu, Victor Niţă, Luminiţa Lazăr, Alina Spînu, and Elena Vlăsceanu-Mateescu. Fostering the development of Western Black Sea aquaculture: a scientific case study for finfish cage farming allocated zone designation. *Fishes*, 8(2): 104, February 09, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/2/104`.

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[NNN23] Luong Trong Nguyen, Khanh Quoc Nguyen, and Toan Phi Nguyen. Experimental mixed gillnets improve catches of narrow-barred Spanish mackerel (*Scomberomorus commerson*). *Fishes*, 8(4):210, April 18, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/4/210`.

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[NPT+24] Oksana Nekrasova, Mihails Pupins, Volodymyr Tytar, Leonid Fedorenko, Oleksandr Potrokhov, Arturs Škute, Andris Čeirāns, Kathrin Theissinger, and Jean-Yves Georges. Assessing prospects of integrating Asian carp polyculture in Europe: a nature-based solution under climate change? *Fishes*, 9(4):148, April 22, 2024. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/9/4/148`.

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[NRÁGPM+18] Karen N. Nieves-Rodríguez, Carlos Alfonso Álvarez-González, Emyr S. Peña-Marín, Fernando Vega-Villasante, Rafael Martínez-García, Susana Camarillo-Coop, Dariel Tovar-Ramírez, Laura T. Guzmán-Villanueva, Karl B. Andree, and Enric Gisbert. Effect of β-glucans in diets on growth, survival, digestive enzyme activity, and immune system and intestinal

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[NSK+23] Soko Nuswantoro, Tzu-Yuan Sung, Meki Kurniawan, Tsung-Meng Wu, Bonien Chen, and Ming-Chang Hong. Effects of phosphate-enriched nutrient in the polyculture of Nile tilapia and freshwater prawn in an aquaponic system. *Fishes*, 8(2):81, January 30, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/2/81`.

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[NTP+21] Orestis Nousias, Konstantinos Tzokas, Leonidas Papaharisis, Katerina Ekonomaki, Dimitrios Chatziplis, Costas Batargias, and Costas S. Tsigenopoulos. Genetic variability, population structure, and relatedness analysis of meagre stocks as an informative basis for new breeding schemes. *Fishes*, 6(4):78, December 10, 2021. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/6/4/78`.

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[NWN+21] Van Bon Nguyen, San-Lang Wang, Anh Dzung Nguyen, Tu Quy Phan, Kuaanan Techato, and Siriporn Pradit. Bioproduction of prodigiosin from fishery processing waste shrimp heads and evaluation of its potential bioactivities. *Fishes*, 6(3):30, August 11, 2021. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/6/3/30`.

Nguyen:2022:UFP

[NWN+22] Thi Hanh Nguyen, San-Lang Wang, Thi Huyen Nguyen, Manh Dung Doan, Thi Ha Trang

Tran, Van Anh Ngo, Nhat Duoc Ho, Thi Ngoc Tran, Chien Thang Doan, Van Chung Do, Anh Dzung Nguyen, and Van Bon Nguyen. Utilization of fishery-processing by-product squid pens for scale-up production of phenazines via microbial conversion and its novel potential antinematode effect. *Fishes*, 7(3):113, May 15, 2022. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/7/3/113`.

Nguyen:2023:RFH

[NWN+23] Van Bon Nguyen, San-Lang Wang, Thi Hanh Nguyen, Tu Quy Phan, Thi Huyen Nguyen, Thi Ha Trang Tran, Manh Dung Doan, Van Anh Ngo, and Anh Dzung Nguyen. Recycling fish heads for the production of prodigiosin, a novel fungicide via experimental and molecular docking characterization. *Fishes*, 8(9): 468, September 19, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/9/468`.

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[QL22] Yunfeng Qu and Ruiyang Liu. A sustainable approach towards fisheries management: Incorporating the high-seas fisheries issues into the BBNJ Agreement. *Fishes*, 7(6):389, December 14, 2022. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/7/6/389`.

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[RHUJ24] Tawni B. Riepe, Zachary E. Hooley-Underwood, and Megan Johnson. Thermal tolerance of larval flannelmouth sucker catostomus latipinnis acclimated to three temperatures. *Fishes*, 9 (5):181, May 16, 2024. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/9/5/181.

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[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 immune response, antioxidant status and hepatorenal indices of Nile tilapia: The palliative role of chitosan white poplar nanocapsule. *Fishes*, 8(4):199, April 12, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/4/199.

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[RKHAMM22] Md. Golam Rabbane, Md. Alamgir Kabir, Md. Habibullah-Al-Mamun, and Md. Ghulam Mustafa. Toxic effects of arsenic in commercially important fish rohu carp, *Labeo rohita* of Bangladesh. *Fishes*, 7(5):217, October 25, 2022. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/7/5/217`.

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[RKL24] Wayne Robinson, John Koehn, and Mark Lintermans. Contemporary

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[RKS+24] Eleni Roubie, Sotirios Karavoltsos, Aikaterini Sakellari, Nikolaos Katsikatsos, Manos Dassenakis, and Persefoni Megalofonou. Trace metals distribution in tissues of 10 different shark species from the Eastern Mediterranean Sea. *Fishes*, 9(2):77, February 16, 2024. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/9/2/77`.

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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 2410-3888. URL `https://www.mdpi.com/2410-3888/3/3/25`.

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[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-ento-ponics: 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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[SAC23] Vicent Michael Shija, Kwaku Amoah, and Jia Cai. Effect of bacillus probiotics on the immunological responses of Nile tilapia (*Oreochromis niloticus*): a review. *Fishes*, 8(7): 366, July 13, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/7/366`.

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[SAGG+23] 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):

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[SAL18] Sakshi Sharda, Emmanuelle Argenti, and Kay Lucek. On the status of threespine stickleback (*Gasterosteus aculeatus* Linnaeus 1758) in Lake Bracciano, Italy. *Fishes*, 3(1):17, March 15, 2018. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/3/1/17`.

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[SAL19] 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`.

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[Sam24] Upali Samarajeewa. Safety, processing, and utilization of fishery products. *Fishes*, 9(4):146, April 21, 2024. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/9/4/146`.

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[SBG+24] Martin A. Svenning, Eigil T. Bjørvik, Jane A. Godiksen, Johan Hammar, Jack Kohler, Reidar Borgstrøm, and Nigel G. Yoccoz. Expected climate change in the High Arctic — good or bad for Arctic charr? *Fishes*, 9(1): 8, December 23, 2024. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/9/1/8.

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[SBP23] 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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[SBS+23] 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 macropomum* fed diets containing different levels of the essential oil of *Nectandra grandiflora*. *Fishes*, 8(10):509, October 11, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/10/509.

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[SBS+24] Deep Nithun Senathipathi, Soottawat Benjakul, Phutthipong Sukkapat, Matsapume Detcharoen, Gururaj Moorthy, and Jirakrit Saetang. DNA

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[SBT22] J. Mark Shrimpton, Paige W. Breault, and Luc A. Turcotte. Fidelity to Natal tributary streams by Kokanee following introduction to a large oligotrophic reservoir. *Fishes*, 7(3):123, May 30, 2022. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/7/3/123`.

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[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`.

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[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`.

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[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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[SCT+24] Desimira Maria Stroe, Mirela Cretu, Magdalena Tenciu, Floricel Maricel Dima, Neculai Patriche, George Tiganov, and Lorena Dediu. Age, growth, and mortality of Pontic shad, *Alosa immaculata* Bennett, 1835, in the Danube River, Romania. *Fishes*, 9(4): 128, April 2, 2024. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/9/4/128`.

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[SDA23] 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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[SMO+23] Adriana E. Sardi, José M. Moreira, Lisa Omingo, Xavier Cousin, Marie-Laure Bégout, Manuel Manchado, and Nina Marn. Simulating the effects of temperature and food availability on true soles (*Solea* spp.) early-life history traits: a tool for understanding fish recruitment in future climate change scenarios. *Fishes*, 8(2): 68, January 22, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/2/68.

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[SNZ+23] Mazuba Siamujompa, Kunda Ndashe, Frederick Chitonga Zulu, Chanda Chitala, Mwansa M. Songe, Katendi Changula, Ladslav Moonga, Emmanuel Shamulai Kabwali, Stephen Reichley, and Bernard Mudenda Hang'ombe. An investigation of bacterial pathogens associated with diseased Nile tilapia in small-scale cage culture farms on Lake Kariba, Siavonga, Zambia. *Fishes*, 8(9): 452, September 08, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/9/452.

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[SOW+23] Cheyenne R. Smith, Christopher A. Ottinger, Heather L. Walsh, Patricia M. Mazik, and Vicki S. Blazer. Application of a lipopolysaccharide (LPS)-stimulated mitogenesis assay in smallmouth bass (*Micropterus dolomieu*) to augment wild fish health studies. *Fishes*, 8(3): 159, March 10, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/3/159.

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[SPJ+24] Jin Ah Song, Heung-Sik Park, Yun-Hwan Jung, Dong Mun Choi, Cheol Young Choi, and Dae-Won Lee. Effects of various photoperiods and specific wavelengths on retinal changes and oxidative stress in the conch Tegula rustica. *Fishes*, 9(6):226, June 13, 2024. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/9/6/226.

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[SQ23] Bernard Séret and Jean-Pascal Quod. First records of a hydrolagus species (Holocephali: Chimaeridae) from Reunion Island

and Mayotte (Southwestern Indian Ocean). *Fishes*, 8(10):522, October 20, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/10/522`.

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[SS23] Huihui Shen and Liming Song. Implementing ecosystem approach to fisheries management in the Western and Central Pacific Fisheries Commission: Challenges and prospects. *Fishes*, 8 (4):198, April 12, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/4/198`.

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[SUL+23] Alexandru Sava, Paul Uiuiu, Călin Laţiu, Daniel Cocan, George-Cătălin Muntean, Tudor Papuc, Andrada Ihuţ, Camelia Răducu, Anca Becze, Cristina Craioveanu, Camelia Munteanu, Radu Constantinescu, and Vioara Mireşan. PAHs, physicochemical and microbiological analyses of trout processed by traditional smoking, in different types of packaging. *Fishes*, 8(8):424, August 19, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/8/424`.

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[SVMLP23] Willem J. Smit, Maarten P. M. Vanhove, Ngonidzashe A. G. Moyo, and Wilmien J. Luus-Powell. Metazoan parasites of Mozambique tilapia (*Oreochromis mossambicus*) native to Lake Urema, Mozambique. *Fishes*, 8(5):273, May 20, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/5/273`.

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[SXQ+22] Li Su, Youwei Xu, Yongsong Qiu, Mingshuai Sun, Kui Zhang, and Zuozhi Chen. Long-term change of a fish-based index of biotic integrity for a semi-enclosed bay in the Beibu Gulf. *Fishes*, 7(3):124, May 30, 2022. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/7/3/124`.

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[SYL+24] Yueping Sun, Bikang Yuan, Ziqiang Li, Yong Liu, and Dean Zhao. Rethinking underwater crab detection via defogging and channel compensation. *Fishes*, 9(2):60, January 30, 2024. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/9/2/60`.

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[SZZ+23] Lian Shi, Junjie Zhang,

Lingmin Zhao, Qi Li, Lixing Huang, Yingxue Qin, and Qingpi Yan. Effect of the flagellar gene fliL on the virulence of *Pseudomonas plecoglossicida* to hybrid grouper (*Epinephelus fuscoguttatus* [female sign] × *E. lanceolatus* [male sign]). *Fishes*, 8(8):397, August 01, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/8/397.

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[TBPJ23] Lenora D. M. Turcotte, Julia C. Bradshaw, Mark P. Polinski, and Stewart C. Johnson. *Piscine orthoreovirus* genotype-1 (PRV-1) in wild Pacific salmon of British Columbia, Canada: 2011–2020. *Fishes*, 8(5):252, May 10, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/5/252.

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[TCB+24] Susana Torres, Montserrat Compa, Antonio Box, Samuel Pinya, and Antoni Sureda. Presence and potential effects of microplastics in the digestive tract of two small species of shark from the Balearic Islands. *Fishes*, 9(2): 55, January 29, 2024. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/9/2/55.

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[TCD+21] Damian P. Thomson, Anna K. Cresswell, Christopher Doropoulos, Michael D. E. Haywood, Melanie Orr, and Andrew S. Hoey. Hidden giants: the story of *Bolbometopon muricatum* at Ningaloo Reef. *Fishes*, 6(4):73, December 06, 2021. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/6/4/73.

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[TCV+19] Marco Tarasco, João Cardeira, Michael N. Viegas, Joana Caria, Gil Martins, Paulo J. Gavaia, M. Leonor Cancela, and Vincent Laizé.

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[TDN+22] Thi Ngoc Tran, Chien Thang Doan, Van Bon Nguyen, Anh Dzung Nguyen, and San-Lang Wang. Conversion of fishery waste to proteases by *Streptomyces speibonae* and their application in antioxidant preparation. *Fishes*, 7(3):140, June 14, 2022. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/7/3/140`.

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[THS+22] Teruyoshi Tanaka, Tomoki Honryo, Yoshifumi Sawada, Daniel Margulies, Vernon Scholey, Jeanne Wexler, Maria Stein, Amal Biswas, and Kenji Takii. Biochemical changes occurring in yellowfin tuna eggs during embryonic development. *Fishes*, 7(2):62, April 11, 2022. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/7/2/62`.

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[TJTV+23] Eslam Tefal, Ignacio Jauralde, Ana Tomás-Vidal, Silvia Martínez-Llorens, David S. Peñaranda, and Miguel Jover-Cerdá. New organic raw materials for gilthead seabream (*Sparus aurata*) feeding and the effects on growth, nutritive parameters, digestibility, and histology. *Fishes*, 8 (6):330, June 20, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/6/330`.

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[TJW+22] Xuemei Tang, Shulun Jiang, Henglin Wang, Yanfeng Zhou, Fei Peng, Xizhao Zhang, Yifan Zhou, Shiyue Guo, and Yang You. Transcriptome sequencing analysis reveals dynamic changes in major biological functions during the early development of clearhead icefish, *Protosalanx chinensis*. *Fishes*, 7(3):115, May 21, 2022. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/7/3/115`.

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[TK24] Nefeli Tsaousi and Stefanos Kalogirou. First record of the red cornet-

fish *Fistularia petimba* Lacepède, 1803 from Amorgos Island (Central Aegean Sea; Greece) and a review of its current distribution in the Mediterranean Sea. *Fishes*, 9(6):237, June 18, 2024. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/9/6/237`.

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[TKF+18] Alexandre Tahar, Alan Kennedy, Richard D. Fitzgerald, Eoghan Clifford, and Neil Rowan. Full water quality monitoring of a traditional flow-through rainbow trout farm. *Fishes*, 3 (3):28, July 17, 2018. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/3/3/28`.

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[TMD+19] Silvia Torrecillas, Daniel Montero, David Domínguez, Lidia Robaina, and Marisol Izquierdo. Skin mucus fatty acid composition of gilthead sea bream (*Sparus aurata*): a descriptive study in fish fed low and high fish meal diets. *Fishes*, 4(1): 15, February 27, 2019. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/4/1/15`.

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[TMM+18] Oxana P. Trifonova, Dmitry L. Maslov, Anton N. Mikhailov, Konstantin V. Zolotarev, Kirill V. Nakhod, Valeriya I. Nakhod, Nataliya F. Belyaeva, Marina V. Mikhailova, Petr G. Lokhov, and Alexander I. Archakov. Comparative analysis of the blood plasma metabolome of negligible, gradual and rapidly ageing fishes. *Fishes*, 3(4):46, December 04, 2018. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/3/4/46`.

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[TMPP23] Feriha M. Tserkova, Vesselina V. Mihneva, and Elitsa P. Petrova-Pavlova. Biological parameters and biomass and abundance indices of two demersal species, turbot (*Scophthalmus maximus*) and thornback ray (*Raja clavata*), estimated by a trawl survey in Western Black Sea. *Fishes*, 8(8):400, August 02, 2023. CODEN ???? ISSN 2410-3888. URL `https:`

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[TOB+23] James R. Tweedley, Clara Obregón, Sarah J. Beukes, Neil R. Loneragan, and Michael Hughes. Selecting from the fisheries managers' tool-box: Recreational fishers' views of stock enhancement and other management options. *Fishes*, 8(9): 460, September 14, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/9/460.

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[TPA+24] Dimitrios Tsotsios, Dimitrios K. Papadopoulos, Maria V. Alvanou, Ioannis Georgoulis, Athanasios Lattos, Basile Michaelidis, Konstantinos Feidantsis, Ioannis A. Giantsis, and John A. Theodorou. Environmentally friendly and efficient methods for mitigating the density of ascidian fouling in Mediterranean mussel farming. *Fishes*, 9 (4):135, April 14, 2024. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/9/4/135.

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[TPC+23] Cláudia Teixeira, Rita Pedrosa, Carolina Castro, Rui Magalhães, Elisabete Matos, Aires Oliva-Teles, Helena Peres, and Amalia Pérez-Jiménez. Dietary tryptophan supplementation implications on performance, plasma metabolites, and amino acid catabolism enzymes in meagre (*Argyrosomus regius*). *Fishes*, 8(3):141, February 28, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/3/141.

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[ŢPN+23] Aurelia Ţoţoiu, Neculai Patriche, Victor Niţă, Elena Sîrbu, Floricel Maricel Dima, Magda Ioana Nenciu, and Veta Nistor. Epidemiology of turbot (*Scophthalmus maeoticus*) bacterial contamination, a fishery limiting factor on the Romanian Black Sea. *Fishes*, 8(8): 418, August 15, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/8/418.

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[Tri23] Michael D. Tringali. Reproductive success dynamics could limit

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[TRM+23] Cesar Toledo, Eduardo Rubilar, Lorena Marchant, Jessica Dörner, Lorenzo Márquez, Víctor Martínez, and Patricio Dantagnan. Relationship between jaw malformations and long-chain PUFA's in *Seriola lalandi* larvae during the spawning season at a commercial hatchery. *Fishes*, 8(4): 200, April 13, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/4/200`.

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[TTT23] Huan-Sheng Tseng, Hsin-Hua Tsai, and Po-Hsing Tseng. The labour rights protection of migrant fishing workers in Taiwan: Case study of Nan-Fang-Ao fishing harbor. *Fishes*, 8(2): 73, January 26, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/2/73`.

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[TU18] Mai Takase and Hideki Ushio. Changes in intestinal gene expression of zebrafish (*Danio rerio*) related to sterol uptake and excretion upon β-sitosterol administration. *Fishes*, 3(1):1, January 04, 2018. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/3/1/1`.

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[UDG+19] Mari Carmen Uribe, Gabino De la Rosa Cruz, Adriana García Alarcón, Juan Carlos Campuzano Caballero, and María Guadalupe Guzmán Bárcenas. Structures associated with oogenesis and embryonic development during intraovarian gestation in

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[UGH+24] Aylin Ulman, Cat A. Gordon, Ali R. Hood, Melanie Warren, and Daniel Pauly. Identifying potential critical angel shark areas in Türkiye, Eastern Mediterranean based on new records of *Squatina* spp. identified through fisher engagement. *Fishes*, 9 (7):270, July 8, 2024. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/9/7/270.

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[UH19] Shem Unger and Caleb Hickman. Report on the short-term scavenging of decomposing native and non-native trout in Appalachian streams. *Fishes*, 4(1): 17, March 01, 2019. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/4/1/17.

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[ULR+23] Adolphe Uyisenga, Hualiang Liang, Mingchun Ren, Dongyu Huang, Chunyu Xue, Heng Yin, and Haifeng Mi. The effects of replacing fish meal with enzymatic soybean meal on the growth performance, whole-body composition, and health of juvenile Gibel carp (*Carassius auratus gibelio*). *Fishes*, 8(8): 423, August 18, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/8/423.

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[USRDFO+22] Ricardo Urías-Sotomayor, Guillermo Rodríguez-Domínguez, José Adán Félix-Ortiz, Gilberto G. Ortega-Lizárraga, Horacio A. Muñoz-Rubí, and Eugenio Alberto Aragón-Noriega. Stock reduction analysis of bigeye croaker micropogonias megalops in the Upper Gulf of California, Mexico. *Fishes*, 7(1): 15, January 08, 2022. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/7/1/15.

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[VAT+23] Cristina Vercelli, Michela Amadori, Massimiliano Tursi, Graziana Gambino, Paolo Pastorino, Marino Prearo, Ugo Ala, Raffaella Barbero, and

Giovanni Re. TRPV1 receptor identification in rainbow trout (*Oncorhynchus mykiss*) and evaluation of the effects produced by *Ocimum basilicum* super critical fluid extract. *Fishes*, 8 (1):38, January 04, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/1/38`.

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[VČ24] Věra Vaibarová and Alois Čížek. Supposed virulence factors of flavobacterium psychrophilum: a review. *Fishes*, 9(5):163, April 30, 2024. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/9/5/163`.

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[VCC+18] Yulema Valero, Alberto Cuesta, Matteo Cammarata, María Angeles Esteban, and Elena Chaves-Pozo. Immune-endocrine interactions in the fish gonad during infection: an open door to vertical transmission. *Fishes*, 3(2): 24, June 13, 2018. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/3/2/24`.

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[VCL20] Parameswaran Vijayakumar, M. Leonor Cancela, and Vincent Laizé. Isolation, culture, and differentiation of blastema cells from the regenerating caudal fin of zebrafish. *Fishes*, 5(1): 6, January 30, 2020. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/5/1/6`.

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[VF23] Christine E. Verhille and Anthony P. Farrell. Endurance swimming is related to summer lake survival of rainbow trout in a warm lake with avian piscivores. *Fishes*, 8(4):213, April 18, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/4/213`.

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[VH20] Ngoc-Ut Vu and Truong-Giang Huynh. Optimized live feed regime significantly improves growth performance and survival rate for early life history stages of pangasius catfish (*Pangasianodon hypophthalmus*). *Fishes*, 5(3):20, June 28, 2020. CODEN ???? ISSN 2410-3888. URL `https:`

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[VK23] Siosaia Vaihola and Stuart Kininmonth. Environmental factors determine tuna fishing vessels' behavior in Tonga. *Fishes*, 8(12):602, December 07, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/12/602.

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[VKP+24] Pekka J. Vuorinen, Reijo Käkelä, Tapani Pakarinen, Petri Heinimaa, Tiina Ritvanen, Soili Nikonen, Mervi Rokka, and Marja Keinänen. Thiamine deficiency M74 developed in salmon (*Salmo salar*) stocks in two Baltic Sea areas after the hatching of large year-classes of two clupeid species — detected by fatty acid signature analysis. *Fishes*, 9(2): 58, January 30, 2024. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/9/2/58.

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[vKRNL+19] Kristine von Krogh, Erik Ropstad, Rasoul Nourizadeh-Lillabadi, Trude Marie Haug, and Finn-Arne Weltzien. In vitro effects of bisphenol A and tetrabromobisphenol A on cell viability and reproduction-related gene expression in pituitaries from sexually maturing Atlantic cod (*Gadus morhua* L.). *Fishes*, 4(3):48, September 17, 2019. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/4/3/48.

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[VLCCA+23] Xiomara Velázquez-Landa, Porfirio Carrillo, Genaro A. Coria-Avila, Deissy Herrera-Covarrubias, Luis I. García, María Rebeca Toledo-Cárdenas, María Elena Hernández-Aguilar, and Jorge Manzo. Zebrafish sexual behavior in plain and enriched environments: Parameters in the valproate model of autism. *Fishes*, 8(3): 156, March 05, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/3/156.

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[VM19] Jose W. Valdez and Kapil Mandrekar. Assessing the species in the CARES Preservation Program and the role of aquarium hobbyists in freshwater fish con-

servation. *Fishes*, 4(4): 49, September 29, 2019. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/4/4/49`.

Valic:2024:MAT

[VMBT24] Damir Valić, Matej Kristan Mirković, Višnja Besendorfer, and Emin Teskeredžić. Molecular analysis of two endemic *Squalius* species: Evidence for intergeneric introgression among Cyprinids and conservation issues. *Fishes*, 9(1):4, December 20, 2024. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/9/1/4`.

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[VMDV+22] Antonio Vallecillos, Emilio María-Dolores, Javier Villa, Francisco Miguel Rueda, José Carrillo, Guillermo Ramis, Mohamed Soula, Juan Manuel Afonso, and Eva Armero. Development of the first microsatellite multiplex PCR panel for meagre (*Argyrosomus regius*), a commercial aquaculture species. *Fishes*, 7 (3):117, May 24, 2022. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/7/3/117`.

[VMS+23]

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[VPP+22]

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Mariana Vaz, Damiana Pires, Pedro Pires, Marco Simões, Ana Pombo, Paulo Santos, Beatriz do Carmo, Ricardo Passos, Janina Z. Costa, Kim D. Thompson, and Teresa Baptista. Early immune modulation in European seabass (*Dicentrarchus labrax*) juveniles in response to *Betanodavirus* infection. *Fishes*, 7 (2):63, April 11, 2022. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/7/2/63`.

[VPPF+19]

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Manuel Vieira, Beatriz P. Pereira, Pedro Pousão-Ferreira, Paulo J. Fonseca, and M. Clara P. Amorim.

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[VRG+24] Srirengaraj Vijayaram, Einar Ringø, Hamed Ghafarifarsani, Seyed Hossein Hoseinifar, Saman Ahani, and Chi-Chung Chou. Use of algae in aquaculture: a review. *Fishes*, 9(2):63, February 01, 2024. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/9/2/63`.

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[VRKV24] Michelle Pinheiro Vetorelli, Laurindo André Rodrigues, Janaina Mitsue Kimpara, and Wagner C. Valenti. Intensification of Amazon River prawn hatchery. *Fishes*, 9(3):82, February 22, 2024. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/9/3/82`.

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[VSH23] Teppo Vehanen, Tapio Sutela, and Ari Huusko. Potential impact of climate change on salmonid smolt ecology. *Fishes*, 8(7):382, July 24, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/7/382`.

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[VV23] Noel Vella and Adriana Vella. Phylogeographic analyses of the shortfin mako, *Isurus oxyrinchus* Rafinesque, 1810 (Chondrichthyes: Lamniformes) from the Central Mediterranean Sea, a critically endangered species in the region. *Fishes*, 8(10): 520, October 20, 2023. CODEN ???? ISSN 2410-3888. URL `https:`

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[WCX+24] Xingbing Wu, Baolin Cheng, Mingyang Xue, Nan Jiang, Xuemei Li, Xiaona Hu, Xiaoli Li, Tingbing Zhu, Yongjiu Zhu, and Yong Zhou. Isolation, characterization, and pathogenicity of an *Aeromonas veronii* strain causing disease in *Rhinogobio ventralis*. *Fishes*, 9 (5):188, May 18, 2024. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/9/5/188.

Wu:2024:ECC

[WCY+24] Yijie Wu, Liting Chen, Xin Yan, Jun Xiao, Zhirui Ma, Zhanyang Tang, Zhongbao Guo, Liping Li, Guixiang Tong, Honglian Tan, Fuyan Chen, Xinxian Wei, Ting Huang, and Yongju Luo. The effect of copper–cadmium co-exposure and hormone remediation on the ovarian transcriptome of Nile tilapia (*Oreochromis niloticus*). *Fishes*, 9(2):67, February 08, 2024. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/9/2/67.

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[WDL+23] Yingru Wu, Qi Du, Yueqin Liao, Shanshan Shui, Jie Pang, Soottawat Benjakul, and Bin Zhang. Changes in physicochemical characteristics and volatile flavor compounds of brine-preserved ready-to-eat shrimp (*Solenocera crassicornis*) during chilled storage. *Fishes*, 8(7): 372, July 19, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/7/372.

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[Web23] Gregory M. Weber. Effects of IGF1 and IGF2 on in vitro ovarian follicle maturation in rainbow trout, *Oncorhynchus mykiss*. *Fishes*, 8(7):367, July 14, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/7/367.

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[WFL+23] Xuelian Wei, Zeqin Fu, Jiji Li, Baoying Guo, and Yingying Ye. Genetic structure and phylogeography of commercial *Mytilus unguiculatus* in China based on mitochondrial COI and Cytb sequences. *Fishes*, 8(2):89, February 02, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/2/89.

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[WFX+23] Yeying Wu, Yalan Feng, Mingyang Xue, Zidong Xiao, Lijuan Jin, Ren Gao, Yahong Chen, Tianwang Liang, and Yong Zhou. Isolation and identification of *Staphylococcus saprophyticus* from diseased hybrid sturgeon. *Fishes*, 8(5):250, May 09, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/5/250.

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[WFZ+23] Di Wu, Hao Feng, Ying Zou, Juan Xiao, Pengfei Zhang, Yuxiang Ji, Sovan Lek, Zhiqiang Guo, and Qiongyao Fu. Feeding habit-specific heavy metal bioaccumulation and health risk assessment of fish in a tropical reservoir in Southern China. *Fishes*, 8(4):211, April 18, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/4/211.

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[WFZ+24a] Jing Wang, Dan Fan, Ran Zhao, Tongyan Lu, Shaowu Li, and Di Wang. Effects of dietary supplementation with endogenous probiotics *Bacillus subtilis* on growth performance, immune response and intestinal histomorphology of juvenile rainbow trout (*Oncorhynchus mykiss*). *Fishes*, 9(6):229, June 15, 2024. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/9/6/229.

Wu:2024:AFS

[WFZ+24b] Jingjing Wu, Jinghua

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[WHY+24] Shuwei Wei, Zhong Hua, Yanping Yang, Fengjiao Ma, Wei Han, Wei Zhang, Congping Ying, Yanmin Deng, and Kai Liu. Characterization of the ovarian development and associated factors during the breeding migration of *Coilia nasus* in the Yangtze River. *Fishes*, 9(3): 90, February 28, 2024. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/9/3/90.

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[WLC+23] Yan Wang, Zhihong Liu, Xi Chen, Liqing Zhou, Xiujun Sun, Tao Yu, Xiaomei Wang, Yanxin Zheng, and Biao Wu. Identification and characterization of GYS and GSK3β provides insights into the regulation of glycogen synthesis in Jinjiang oyster *Crassostrea ariakensis*. *Fishes*, 8(2): 65, January 21, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/2/65.

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[WLL+24] Lei Wang, Xiaowen Long, Yaopeng Li, Yong Zhang, Weihong Sun, and Xugan Wu. Effects of three sources of astaxanthin on the growth, coloration, and antioxidant capacity of rainbow trout (*Oncorhynchus mykiss*) during long-term feeding. *Fishes*, 9 (5):174, May 10, 2024. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/9/5/174`.

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[WLN+23] Ren-Xie Wu, Yan-Shan Liang, Su-Fang Niu, Jing Zhang, Bao-Gui Tang, and Zhen-Bang Liang. Transcriptomic analysis reveals circadian rhythm homeostasis in pearl gentian grouper under acute hypoxia. *Fishes*, 8(7):358, July 10, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/7/358`.

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[WLW+23] Zhanzhan Wang, Shuling Liao, Jun Wang, Yun Wang, Zhong Huang, Wei Yu, Xiaolin Huang, Heizhao Lin, Maoyan Luo, Zhenyan Cheng, and Chuanpeng Zhou. Effects of fermented cottonseed meal substitution for fish meal on intestinal enzymatic activity, inflammatory and physical-barrier-related gene expression, and intestinal microflora of juvenile golden pompano (*Trachinotus ovatus*). *Fishes*, 8(9):466, September 18, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/9/466`.

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[WSD+23] Wenqian Wang, Shengyan Su, Ping Dong, Wenrong Feng, Jianlin Li, Chengfeng Zhang, and Yongkai Tang. Effects of seasonal photoperiod on growth, lipid metabolism, and antioxidant response in the Huanghe carp (*Cyprinus carpio haematopterus*). *Fishes*, 8(12):595, December 01, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/12/595`.

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[WSZ+23] Shuai Wan, Zhaosheng Sun, Chang Zhang, Tingshuang Pan, Shuya Yuan, Yuxi Chen, Jun Zou, and Qian Gao. Effects of LPS, poly (I:C) and *Edwardsiella tarda* on the expression patterns of IL-17 family members and their receptors in spotted sea bass (*Lateolabrax maculatus*). *Fishes*, 8(8):405, August 04, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/8/405.

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[WWW+24] Qingcong Wei, Dan Wang, Kaijin Wei, Bin Xu, and Jin Xu. The mechanism of *Elizabethkingia miricola* infection of the black spotted frog as revealed by multi-omics analysis. *Fishes*, 9(3):91, February 28, 2024. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/9/3/91`.

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[WWY+23] Jinming Wu, Jinping Wu, Huan Ye, Wei Xiong, Wanmin Qu, Xiaoqian Leng, and Hao Du. Correlations between environmental factors and the distribution of juvenile *Hucho bleekeri* in the Taibai River, Shaanxi, China. *Fishes*, 8(7):379, July 21, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/7/379`.

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Dongli Qin, and Xiaoli Huang. Toxicity, oxidative stress, and tissue distribution of butachlor in the juvenile Chinese mitten crab (*Eriocheir sinensis*). *Fishes*, 9 (5):177, May 13, 2024. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/9/5/177`.

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[WXL+23] Xinxin Wang, Junyi Xie, Yan Luo, Xiao Wang, Gaobo Guo, and Xinxing You. Experimental investigation of the hydrodynamic characteristics of longline aquaculture facilities under current and wave conditions. *Fishes*, 8(4): 204, April 15, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/4/204`.

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[WYG+23] Tong Wang, Yang Yang, Shirui Gong, Xi Wu, Leilei Zeng, Yuhao Tao, Chaoyue Zhong, Leling Song, and Xiaochun Liu. Transcriptome analysis reveals differences in gene expression in the muscle of the brown-marbled grouper (*Epinephelus fuscoguttatus*) with different growth rates. *Fishes*, 8 (6):309, June 08, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/6/309`.

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[WZG+23] Yang Wang, Fan Zhang, Zhe Geng, Yuying Zhang, Jiangfeng Zhu, and Xiaojie Dai. Effects of climate variability on two commercial tuna species abundance in the Indian Ocean. *Fishes*, 8(2): 99, February 07, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/2/99`.

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[WZX+24] Ping Wang, Ziling Zhu, Qinglai Xu, Yangfen Xing, Mingyue Zhang, and Jishu Zhou. Inhibitory effect of prickly ash (*Zanthoxylum bungeanum*) seed kernel oil on lipid metabolism of grass carp (*Ctenopharyngodon idellus*) in high-fat diet. *Fishes*, 9(4):123, March 29, 2024. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/9/4/123.

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Xiao:2022:MCD

[XHC+22] Yangbo Xiao, Rong Huang, Shenping Cao, Dafang Zhao, Zhuangwen Mao, Chuchu Xiao, Zhehua Xu, Xiaomei Zhou, Xinran Zhang, Yu Zhang, Jianzhou Tang, Junyan Jin, Yaoguo Li, Jun Zou, and Zhen Liu. Molecular characterization and dietary regulation of glutaminase 1 (gls1) in triploid crucian carp (*Carassius auratus*). *Fishes*, 7(6): 377, December 07, 2022. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/7/6/377.

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[XJC+22] Junren Xue, Tao Jiang, Xiubao Chen, Hongbo Liu, and Jian Yang. Multi-mineral element profiles in genuine and "Bathing" cultured Chinese mitten crabs (*Eriocheir sinensis*) in Yangcheng Lake, China. *Fishes*, 7 (1):11, January 07, 2022. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/7/1/11.

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[XSZ+23] Siqing Xu, Peng Sun,

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[XW24] Minsi Xiong and Zuli Wu. Practice of territorial use rights in fisheries in coastal fishery management in China: a case study of the Island Reefs Fishery Lease Policy from Shengsi County in Zhejiang Province. *Fishes*, 9(7):292, July 22, 2024. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/9/7/292`.

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Xu:2024:HEG

[XWW+24] Wencheng Xu, Yanzhe Wang, Guodong Wang, Lili Zhang, Guiling Zhang, Zhipeng Huo, and Hui Ge. Heritability estimates for growth traits and correlation analysis between weight and metamorphosis rate in the bullfrog *Rana (Aquarana) catesbeiana*. *Fishes*, 9(3):105, March 09, 2024. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/9/3/105`.

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[XXL+22] Mingyang Xue, Zidong Xiao, Yiqun Li, Nan Jiang, Wenzhi Liu, Yan Meng, Yuding Fan, Lingbing Zeng, and Yong Zhou. Isolation, identification and characteristics of *Aeromonas caviae* from diseased largemouth bass (*Micropterus salmoides*). *Fishes*, 7(3):119, May 28, 2022. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/7/3/119`.

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