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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, 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].

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

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

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

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

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

90-Day [GLW+22].

abdominalis [STZ+23, ZQLW23]. **Ability** [JHNF24]. **Abiotic** [CH23]. **Abnormal** [DAF+22]. **Aboriginal** [KSAB+23]. **Absorption** [JCR+22, RMSPMC+22]. **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]. **Accompanied** [DAHM19]. **According** [Fra23, YCR+23]. **Accumulation** [LLKKV20]. **Accuracy** [CLZ+24]. **Accurate** [CMP+23, KLD+23]. **Acetylcholine** [ZAM+23]. **Achievements** [HGC+23]. **Achieving** [YAS21]. **Achilles** [BAA+23]. **Acid** [ASM+22, BBCJ23, CWMX21, CHZ+24, HZL+22, HS18, LZM+23, MLZ+21, PSW+23, TPC+23, TMD+19, VKP+24]. **Acid-Based** [HS18]. **Acidification** [DLL+23, PFM+20, ZSZSS+22]. **Acidifiers** [ZWZ22]. **Acids** [BKBR+23, MNP+16, ZSZ+23]. **Acipenser** [AVT18, LDW+21, AVT18, HCZ+23, JCR+22, Kim23a, Kim23b, ZLX+23]. **AcIV** [AVT18]. **AcIV-E** [AVT18]. **Acknowledgement** [Off18, Off19, Off20]. **Acknowledgment** [Off21, Off23]. **Acoustic** [BFLC19, HBL+22, VPPF+19]. **across** [CMP+20, MWPS23, MWPS24, NHC+23, RRG22, ZZY+23]. **Actinopterygii** [KRAFO23]. **Actions** [LKU21]. **Activates** [PLJ+23]. **Activation** [LWS+23a]. **Activators** [SSK+22]. **Activities** [CFCE20, DCL+23a, DDN19, DZC+22, ERE21, YBL+22, ZZL+23]. **Activity** [BB23, BSH+23, DRFCL23, EEdCSOPJ+23, GMBR+21, GMDMT+23, MMVVCJ+23, NRÁGPM+18, OGMG+17, PJPMMV+22, dCPRG+21, SSK+22, TCV+19, WLW+23, XYL+23, YHZ+23, dSJC+21, dAdSCC+23]. **aculeatus** [BEMC23, DLL+23, GMMNRS18, JBK+23, SAL18]. **Acute** [LJK+22, LWS+23b, WLN+23]. **Adaptation** [MSK+22, MML22, WMZ+22]. **Adaptive** [DMB+20, FCT19]. **Addendum** [LL18a]. **Addiction** [LMLH22]. **Addition** [CCFP19, GZX+22, GSH+24]. **Additional** [KRAFO23, Näs18]. **Additive** [HMP+24]. **Additives** [CHZ+24, MBAM19, ZWD+23]. **Adjusting** [MOW+18]. **Adjustments** [dAPAA+24, ZSZSS+22]. **Administration** [GCFA+22, JE18, LCWH22, LDD+22, SSSP21, TU18, YZH+24]. **Adriatic** [LOBTL22, LKD22]. **Adult** [DOB+17, DZC+22]. **Advanced** [DOB+17, NLTL23]. **Advances** [EBCM24]. **Adverse** [DK22, KJ22]. **Aegean** [KMB18, KKB20, BEG+23]. **Aequipecten** [KŽM+23]. **aerea** [GBT+24]. **Aerial** [RGABD20]. **Aerobic** [LWS+21]. **Aeromonas** [AEME+23, JLW+24, LCWH22, PYJ+23, PSN18, dCPRG+21, QXAY22, SSSP21, SMO+22, SNK+23, XXL+22, ZLSB22]. **aestivum** [WLL+22]. **Affect** [CCFP19, FÅG+23]. **Affected** [LUM18]. **Affecting** [WM22]. **Affects** [GRKC19, PLJ+23, RSA17, RJTVC+19, ZLZ+22, ZHQ+23]. **Africa** [MML22, OOGAS23]. **African** [AZY+24, AAAF+21, BC23, BHR+23, Eny17, EPKV17, MSK+22, SSSP21, SBB+19, WSE+21]. **After** [ŠT19, CHJ+23, EPKV17, GLY+23, GSHGE18, HIO+19, Mil23, MBZ+21, RJR+22, RJFCJC+21, SEA+23, VKP+24, WBK+23, YLX+22]. **against** [DCL+23b, LTZ+22, LCWH22, PSN18, dCPRG+21, SML+23b, dSJC+21]. **agalactiae** [GGL+23, GCFA+22, GYH+23, HLZ+22, LDD+22, PSN18, RIF+23]. **Age** [BFB+23, BPOS19, BPO19, CLL+22, FB22, KZC+24, LLWW23, LOT+22, MCSB+19, MPK+23, NZVB20, PSP+22, SNSVFL23, XSZ+23, YCR+23]. **Ageing** [TMM+18].

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

[CMP+23, TCV+19]. **Anti-Mullerian** [CMP+23]. **Anti-Osteogenic** [TCV+19]. **Antibacterial** [EES+23, JBdFS+22, dCPRG+21, WML+21]. **Antibiofilm** [dSJC+21]. **Antibiotics** [JSLE23, LXW+24]. **Antigens** [ZLSB22]. **Antimicrobial** [CAC+17, DO24, GMBR+21, ZAM+23, dSJC+21]. **Antimycin** [BBCJ23]. **Antinematode** [NWN+22]. **Antioxidant** [AZY+24, AEME+23, CXW+23, ERE21, HGSE23, HFEH+23, JKK24, JBdFS+22, LPF+23, LWZ+22, LHX+23, LCX+23, MWZ+23, RIF+23, RHU+23, SGG+21, TDN+22, WSD+23, WLZ+22b, XYC+22, XYC+23, XCW+23, XYL+23, YLW+23b]. **Antioxidation** [ZYG+23]. **Antipredator** [AWCS23, LYL+23]. **Antithrombotic** [MKN+16]. **Antiviral** [SML+23b]. **Antognazza** [APD+23a]. **Ao** [TTT23]. **Apex** [DMB+20]. **Aphanomyces** [PSS+18]. **Apostichopus** [YBL+22]. **Appalachian** [UH19]. **Applicability** [AGC23]. **Application** [BLA+22, CHZ+24, CZCW23, GHS20, JTS+24, QPDGF+23, SOW+23, SMH+22b, TDN+22, YCL+23]. **Applications** [DO24, Fer23, LJR+24, LW18, SDA23]. **Applying** [GL23]. **Approach** [CKMT23, CVANRD+21, CBCL23, FM21a, QL22, RDANPA+24, SCSR22, ST17, Sha19, SS23, VPPF+19]. **Approaches** [Dul23]. **Approaching** [CFM+23]. **Aqua** [DCL+23a, SAB+22]. **Aqua-Ento-Ponics** [SAB+22]. **Aquaculture** [AJF23, BÁD+22, CG20, CLZ+24, DCL+23a, DÁ23, DO24, GHS20, GLH+23, HMN+22, HARB23a, HGC+23, HIO+19, IKT19, IFA+23, Ims23, IBN+23, JE18, JBdFS+22, KYB+23, LCW+23b, LZC+23a, LWZ+23, MIHH23, NNL+23, PLV+19, QPDGF+23, RE21, SGANM+24, SIZ+22, VMDV+22, VRG+24, WM22, WLZ+23, WXL+23, XLP23, YCL+23, ZSH+23, ZLF23]. **Aquaculture-Triggered** [RE21]. **Aquafeed** [BF16]. **Aquafeeds** [FLB+21]. **Aquaponic** [NSK+23, PLC+24]. **Aquaponics** [MWZ+23, YCL+23, ZWP+23]. **Aquaporin** [ZLW+23]. **Aquarana** [XWW+24]. **Aquarium** [VM19]. **Aquatic** [CHZ+24, Dul23, DD23, EM23, EBCM24, GMRJ22, HVRCG18, KKPL23, PSS+18, SCHT23, dSSBdS23]. **aquimarina** [YBL+22]. **Arachidonic** [ASM+22]. **ArcFace** [LWZ+23]. **Archived** [LJK+22]. **Arctic** [HJE+23, SBG+24, WGRM+19]. **Area** [CFM+23]. **Areas** [CXL23, FYH+23, FCF19, FJL+23, JLT22, VKP+24]. **areolata** [DLL+22]. **argenteus** [GP17, ZSZ+23]. **Argopecten** [BÁD+22, CPVMA+24]. **argus** [JSJ+24, LWL+23]. **Argyrosomus** [DDN19, GSHGE18, RJMVC+18, RJTVC+19, TPC+23, VMDV+22]. **ariakensis** [GLY+23, WLC+23]. **Ariopsis** [OJC+23]. **Arrhenius** [CTY+21]. **Arsenic** [RKHAMM22]. **Artemia** [SdSdOSSL23]. **Arthromitus** [RCR+23]. **Artificial** [BEF+23, CZCW23, GSH+24, HLK+23, JKP+23, LDX+23, ZLX+23]. **Artificially** [MLK+19]. **ASC** [YSG+23]. **Ascending** [PRPW23]. **Ascorbate** [OMC+19]. **ASCT2** [MLZ+21]. **Asia** [KZC+24]. **asiaeorientalis** [CYL+23, CYL+23, FLX+22]. **Asian** [LCZ+23]. **Asiatic** [JXW+23]. **Aspartate** [GSHGE18]. **Aspects** [Mil23]. **Aspergillus** [EAJ+23]. **Assay** [CMP+23, DDN19, SdSdOSSL23, SOW+23]. **Assemblage** [RJR+22]. **Assemblages** [GTC+17, MWPS23, MWPS24, PYP17]. **Assess** [WMZ+22]. **Assessing** [BASBW24, CBP+24, EMFZ+18, FGG+22, HLK+23, ISA+22, LSL+24, VM19, ZSH+23, ZJC+22b]. **Assessment** [AIŠRB22, BSR+20, BLA+22, BFB+23, CKMT23, CCCFE18, HCWH20, HKS+18, KJ22, KSWT22, LDBL19, MSK+22, MKN+16, MBL20, NHC+23, SALC+19,

SLS+22, WM22, WFZ+23, WFZ+24]. **Assessments** [SWS22]. **Assisted** [LDX+23]. **Asso** [DDN19]. **Associated** [AVT18, FCB+21, 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]. **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]. **Attributes** [LXT+22, PYP17]. **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, MWZ+23, XHC+22, XLX+22, XYC+22, XYC+23]. **australasicus** [KMSO18]. **Australia** [MS20]. **Australian** [BF16]. **australis** [WLL+22]. **Australoheros** [BSR+20]. **Autism** [VLCCA+23]. **Automatic** [KMSO18, EEE21, VPPF+19]. **Automating** [PSP+22]. **Autophagy** [MDVM+23]. **Auxis** [ZCX+22]. **Availability** [MPM+21, SMO+23]. **Aveiro** [XQLA18]. **avenaceum** [PSS+18]. **Avian** [VF23]. **Axis** [CZW+23]. **Azolla** [DRH18]. **B** [RSA17]. **Babitonga** [CFM+23]. **Babylonia** [DLL+22]. **Bacillus** [HXS+23, JKP+23, SAC23, CBCL23, GCFA+22, JCY+23, LJR+24, XYC+22, XYC+23]. **Bacillus-Supplemented** [JKP+23]. **Back** [QWR+23]. **Back-Reef** [QWR+23]. **Bacteria** [CSGE23, DO24, KSO+23, dSJC+21]. **Bacterial** [EES+23, GLX+23, GSH+24, HPJ+23, LS19, LJR+24, SNZ+23, 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]. **Balitoridae** [GWH+22, LZC+23b]. **Balkan** [APS+23]. **Baltic** [AIŠRB22, KAR+23, Ols19, VKP+24]. **Bambaranut** [EPKV17]. **Bangladesh** [BLA+22, FM21a, HHM+18, HVRCG18, HKS+18, RKHAMM22, SLS+22]. **Barb** [DRH18, HKS+18]. **Barbel** [SRBCGV+21]. **Barbonymus** [DRH18]. **Barcoding** [BAA+19, OJC+23]. **Bark** [PSS+18]. **Barracuda** [FB22]. **Barred** [CHH+23, NNN23]. **Barrier** [CL19, MVPMAV+22, NRÁGPM+18, PJPMMV+22, WLW+23]. **Barriers** [Sus20, Zac22]. **bartramii** [XLC+24]. **Based** [BCG+23, BLA+22, CHW21, CMP+23, CTY+21, CSJ+23, FYL+23, FCT19, GP17, HS18, KBK+23, KBB+21, KSWT22, LSJ+22, LJX+21, LV23, LSJ24, MSK+22, MSA24, RJMVC+18, SFK+23, SZT+23, SXQ+22, WGRM+19, WLZ+22a, WYL23, WSA+23, WHM21, WFL+23, XLC+24, YYW+23, YWL+24, ZLF23, ZXH+23, ZJM+23, ZWD+23, dSSBdS23, SLS+22]. **Basic** [DAF+22]. **basilicum** [VAT+23]. **Basin** [BAA+19, FWJ21, SKD+23]. **Basis** [NTP+21]. **Bass** [AHLC19, 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** [HWW+24a, MMSK21, SXQ+22, BLA+22, KSAB+23, SLS+22]. **Bayesian** [SLS+22]. **BBNJ** [QL22]. **Be** [NdNFK+24b, RJMVC+18, SB20, ZS21, SMM+18]. **Beaches** [JSSD23]. **Beak** [CLL+22]. **beani** [MCÁGHA+17]. **Bearded** [CSJ+23]. **before** [ANA+23]. **Behavior** [CZCW23, CHH+23, FÅG+23, dFBdSG+19, HV24, ILA22, LMC21, LYL+23, LLS+23, SZF+21, SZT+23, VK23, VLCCA+23, WTC+22, WWD+23, ZSH+23]. **Behavioral** [AWCS23, CFLK21, CMP+20, MU21, SCSS23]. **Behaviors** [KKPY22]. **Behaviour** [DSC+19, JBK+23, LCW23a, LMB+23]. **Behavioural** [AAB+18, KBCM19, ZSZSS+22]. **Behaviours** [EM23]. **Beibu** [LWD+23, SXQ+22]. **Being** [SEA+23]. **Bellied** [STZ+23, ZQLW23]. **Benchmark** [ANA+23]. **Beneficial** [SNK+23]. **Benefits** [SFK+23]. **Bengal** [BLA+22, KSAB+23, SLS+22]. **Benin** [AHK+23]. **Benthic** [KRAFO23]. **Berg** [MNP+16]. **bernacchii** [GGF+22]. **Berryteuthis** [LOT+22]. **Bertalanffy** [BMTR23]. **Berwickshire** [EBRS23]. **Best** [CBANCM+21]. **Bester** [Kim23a, Kim23b]. **Betanodavirus** [VPP+22]. **Better** [AGC23]. **between** [AGE+18, AJF+22, BC23, CYL+23, CFLK21, HZS+21, HWZ21, KAB+23, KKPY22, KMSO18, LCW+23b, LYL+23, NHR20, PKC+19, SML+23a, TRM+23, WM22, WWY+23, XWW+24, YJK23]. **Bias** [RH19, RRG22]. **Biferno** [RDE+23]. **Big** [Tay19]. **Bigeye** [PBS+22, ST17, USRDFO+22]. **Bigheaded** [BGT+20, Sus20, ZS21]. **biloba** [CXW+23]. **bimaculatus** [MSB+23]. **Binding** [BBCJ23]. **Bio** [ZWD+23]. **Bio-Products** [ZWD+23]. **Bioaccumulation** [JKK24, WFZ+23]. **Bioacoustics** [LL18a, LL18b]. **Bioactive** [DDG+22]. **Bioactivities** [NWN+21]. **Biochemical** [DCR+23, FMXQ23, KŽM+23, OSM23, RMA+18, SAGG+23, THS+22, XLX+22, YLH+24, ZWZ22]. **Biochemistry** [LHX+23, SNK+23, ZLX+23, dAdSCC+23]. **Biocontrol** [MS20]. **Biodistribution** [CFP+23]. **Biodiversity** [GSK+21]. **Bioeconomic** [FHHC23, HAC+23]. **Biofloc** [CdOCH+23, dOCCH+23, GL23, LZC+23a, MSB+23, RHU+23, YCL+23]. **Bioimpedance** [KAB+23]. **Bioindicator** [LL22]. **Biological** [BLA+22, dOCCH+23, EEdCSOPJ+23, KŽM+23, RTBL+18, TJW+22, TMPP23]. **Biology** [HHM+18, Sor21, WLL+23]. **Biomarker** [LMLH22]. **Biomarkers** [CMC+24, GRKC19]. **Biomass** [ATEfA+21, JSSD23, SLS+22, TMPP23]. **Biomedical** [LW18, SDA23]. **Bionic** [WMZ+22]. **Bioproduction** [NWN+21]. **Bioremediation** [AZY+24, GLH+23]. **Biosecurity** [MDF+23]. **Biosensors** [DD23]. **Biotechnology** [Hal23]. **Biotic** [CH23, SXQ+22]. **Biozonation** [APS+23]. **birdiae** [HSAF+23]. **Bisphenol** [vKRNL+19]. **Bites** [CBP+24]. **Bivalvia** [ZQL+23]. **Black** [BAA+23, BLA+22, BPO19, CSR22, LWT+24, MMY+17, NNL+23, NYS+23, RE21, SZF+21, SMH+22a, SSK+22, SSSS23, 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]. **Blimp** [RGABD20]. **Blocked** [ZS21]. **Blood** [CYL+23, EAJ+23, FLX+22, FMXQ23, GMDMT+23, INCD23, SNK+23,

TMM+18, ZLX+23]. **Blooms** [DÁ23, SAHS18]. **Blue** [And23, DAHM19, FHHC23]. **Bluegill** [CH23]. **Bocachico** [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** [YHH+20]. **Borne** [Sha19]. **Both** [Poi24]. **Bottom** [CLL23a]. **Bowdich** [DTS+17]. **Box** [LJX+21, TOB+23]. **Bracciano** [SAL18]. **brachysoma** [JTS+24]. **Brachyura** [KMB18, KKB20]. **Brackish** [EFG+23, YJK23]. **Brain** [CBK+21, DAHM19, Näs18, PHB+23]. **Brain-** [Näs18]. **Brazil** [CFM+23, CASMK23, dSCFQB+23, JSRE+24, dAMPS+23, SNSVFL23]. **Brazilian** [ARH+23]. **Bream** [AA23, CSB+20, HHL+20, JJK21, KJK+23, LSY+17, SNSG+19, TMD+19, ZMLFS+20]. **Breeders** [GGP+23]. **Breeding** [HZZ+23, NTP+21, SMH+24, STZ+23, WHY+24, ZQLW23, ZHF+22b]. **Brine** [WDL+23]. **Brine-Preserved** [WDL+23]. **British** [TBPJ23]. **Broodstock** [PSN18]. **Brook** [MH23]. **Brotula** [CSJ+23, CSJ+23]. **Brotulella** [CSJ+23]. **Brown** [APD+23a, APD+23b, FÅG+23, MSRGCG+23, Näs18, PMFBI22, RDI+21, RDE+23, VMS+23, WYG+23]. **Brown-Marbled** [WYG+23]. **Brycon** [DRFCL23, EMFZ+18]. **Bubbles** [SIZ+22]. **Budgets** [GZX+22]. **Building** [HWW+24a]. **Bulgaria** [APS+23]. **Bullfrog** [XWW+24]. **Bullheads** [SMH+22a]. **Burchell** [BHR+23]. **Burden** [EvSCB23]. **Butter** [MSB+23]. **By-Product** [NWN+22]. **By-Products** [AAAF+21]. **Bycatch** [FM21a]. **bZIP** [SHW+23]. **C** [BFM23, CSF+23, LJK+22, WSZ+23]. **C-Type** [CSF+23]. **Ca** [JCR+22, NZVB20]. **Ca/P** [JCR+22, NZVB20]. **Cádiz** [MSRGCG+23]. **Cadmium** [JKK24, RLB+23, TCV+19, WCY+24]. **Cage** [NNL+23, SNZ+23, ZLF23]. **Cages** [AHK+23, IBN+23]. **Calcified** [ZJC+22b]. **Caledonia** [LCW23a]. **California** [USRDFO+22, AFTÁPA+23, ASM+22]. **Caligus** [PSO+19]. **Callinectes** [KKB20]. **Cambeva** [CFM+23]. **Caml** [XSZ+23, XSZ+23]. **Campeche** [dRCCLRNRWK21]. **Can** [KSO+23, NdNFK+24b, NYS+23, RJMVC+18, SB20, VMS+23, ZS21]. **Canada** [LOB+23, TBPJ23]. **canadum** [MKC+22]. **Canal** [BMMD22]. **canaliculata** [GMRJ22]. **Canary** [JFP+18]. **Cancer** [EBRS23]. **Cancridae** [EBRS23]. **Candidate** [SLY+21]. **Candidates** [WBK+23]. **Candidatus** [RCR+23]. **canicula** [BMSGS+18]. **Cannibalism** [CZC23, CCFP19]. **Cantharidin** [CSGE23]. **Capacities** [LLS+23, PKC+19]. **Capacity** [CXW+23, DK22, FCT19, GLH+23, LWZ+22, WLZ+22b, XCW+23, XYL+23, YLW+23b, YGD+23]. **Captive** [BFM23, CYL+23, CHH+23, STZ+23, VPPF+19, ZQLW23]. **Captivity** [GGP+23, OGMG+17, PPAB+18]. **Capture** [RJFCJC+21]. **Captured** [JTS+24]. **Car** [KSAB+23]. **Carangidae** [FGHYCA23, MBD+23]. **Carapace** [XXL+24]. **Carassius** [HGSE23, LHZ+23, MWZ+23, ULR+23, XHC+22, XLX+22, XYC+22, XYC+23, ZJC+22a]. **Carbohydrate** [BSGMC+22, YGD+23]. **Carbohydrate/Lipid** [YGD+23]. **Carbon** [DL23, GZX+22, GSH+24, INCD23, LZC+23a, LCX+23, RHU+23, Sus20]. **Carcharhinid** [BSB+23]. **Carcharhinus** [KSWT22]. **Carcinus** [YE20]. **Cardiac** [PLY+24]. **CARES** [VM19]. **Caribbean** [ZVRH23]. **carinicauda** [HWX+23].

Carotenoid [GBT+24]. **Carp** [BAP22, CXW+23, CHJ+23, GLW+22, HBG+20, KBCM19, LHZ+23, LWS+21, LWT+24, LJR+24, MLZ+21, MS20, MGS+23, NDC+23, RKHAMM22, RMA+18, SRL+19, SB20, Sus20, ULR+23, WML+21, WMZ+22, WSD+23, WWD+23, XHC+22, XLX+22, XYC+22, XYC+23, XCW+23, YWDP21, YLX+22, ZSQ+21, ZLZL23, ZZC+22, ZJC+22a, ZS21]. **carpio** [CHJ+23, LWT+24, WSD+23, BAP22, CXW+23, KBCM19, MS20, XCW+23, YWDP21]. **Carps** [BGT+20, PVY+21]. **Cas9** [KEA+23]. **Cas9-Mediated** [XWR+23]. **Case** [CMC+24, DNP+23, GFDPSR22, Ho22, HAC+23, HXY+23, KAB+20, LV23, MDF+23, MFKS23, NNL+23, NRKT19, PAMG19, RLAE23, RJFCJC+21, SHT+23, SB20, TVL21, TTT23, XQLA18, XLC+24, XYT23, ZJC+22a]. **Caspase1** [YSG+23]. **Catabolism** [TPC+23]. **Catch** [CGY+23, FGBA+23, HWZ21, RH19, SHT+23, WLM+20]. **Catch-per-Unit-Effort** [SHT+23]. **Catches** [LWD+23, NGMR23, NNN23, PKSN23a, PKSN23b]. **catesbeiana** [XWW+24]. **Catfish** [AZY+24, AAAF+21, BHR+23, Eny17, EPKV17, FHHC23, FGR19, HVRCG18, HWW+24b, JLW+24, KEA+23, KBCM19, MSB+23, OJC+23, PYJ+23, QXAY22, SBB+19, SIZ+22, VH20, WSE+21, YLW+23a, YAEAB23, ZLSB22]. **Catfishes** [CASMK23, HZZ+23, PCO+23]. **Catla** [PVY+21]. **Catshark** [BMSGS+18, BMMD22, DAF+22]. **Caudal** [VCL20]. **Caught** [AJF+22]. **Caulerpa** [LMNN21]. **Causal** [QXAY22]. **Caused** [GLX+23]. **Causes** [XLP23]. **Cautious** [SMM+18]. **caviae** [XXL+22]. **Caviar** [LVB+20, RE21]. **Cell** [CSGE23, CLJ+23, GHS20, QWY+24, SMH+24, ZQLW23, vKRNL+19]. **Cells** [BMMD22, DCL+23b, KKPY22, SMO+22, VCL20]. **Cellular** [LWS+23b]. **Central** [CTTW23, DAF+22, SS23, YYW+23, BFB+23, KBK+23, KZC+24, NHC+23, VV23]. **Cephalophilis** [BPOS19]. **cephalus** [ATEfA+21, EES+23, GL23, GMDMT+23, MABÁMSM22, MBAM19]. **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]. **Challenged** [EAJ+23, GCFA+22, HMP+24, JLW+24, JCY+23, LDD+22, NDC+23, SSSP21]. **Challenges** [And23, DSC+19, SS23]. **Chamber** [CFLK21]. **Champlain** [YAS21]. **Change** [CS23, KKPL23, Kim23a, Kim23b, MSK+22, MML22, SMO+23, SRHCO23, SXQ+22, SBG+24, VSH23, WSA+23, dlCRMB+22]. **Changed** [ANA+23]. **Changes** [AGE+18, CYL+23, CBK+21, DAHM19, ERE21, Fra23, GLX+23, MJL+24, MSB+23, MAR+18, MLK+19, NGMR23, RJR+22, RGVG19, TU18, THS+22, TJW+22, WKB+23, WM22, WDL+23, WSS+19, YLH+24, ZSZSS+22, HMVRFD19]. **Changing** [CL19, FÅG+23, HMX+21, LOB+23]. **Channel** [FHHC23, KEA+23, KBCM19, QXAY22, SYL+24, YAEAB23, ZLSB22, DMA22]. **Characteristics** [DSC+23, Gae16, Gae17, HSZ+22, HPJ+23, KCCK23, LHG+23, SMH+22a, SJY+22, WGW+23, WXL+23, WDL+23, XZZ+24, XXL+22, YCR+23, YYH+24, ZQLW23]. **Characterization** [BMMD22, CWW+23, CLJ+23, FCB+21, KJK+23, LMLH22, LLY+22, LWS+21, MdM+23, MLZ+21, MCÁGHA+17, MPM+18, NWN+23, PBS+22, WLC+23, WHY+24, XHC+22, YSG+23, ZLSB22, ZSZ+23, ZLZL23, ZZC+22]. **Characterized**

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

[WKB+23]. **Coercion** [MTPK23, QAC23]. **Coexistence** [MD21]. **Cognition** [QAC23]. **Cognitive** [JHNF24]. **Coho** [PSO+19, ZYG+23]. **COI** [WFL+23]. **Coilia** [WTC+22, WHY+24]. **Coinfected** [XZD+24]. **coioides** [ZHQ+23]. **Cold** [LOB+23, PBS+22]. **Cold-Water** [LOB+23]. **Colder** [SCSS23]. **coli** [KSO+23]. **Collagen** [LWS+21]. **Collected** [KYB+23, MLH+20]. **Collection** [RDI+21]. **Collichthys** [XZZ+24]. **Colombian** [SRHCO23]. **Color** [PNW+22]. **Colossoma** [dAPAA+24, SBS+23]. **Colours** [FŠS+23]. **Columbia** [TBPJ23]. **Column** [INCD23]. **Comber** [MSRGCG+23]. **Combination** [HLK+23, JSJ+24, ZS21]. **Combined** [GZX+22, PLC+24, SSSP21]. **Combining** [AMK23]. **Commercial** [BHR+23, BKBR+23, IBN+23, ISA+22, KŽM+23, MMAO22, TRM+23, VMDV+22, WZG+23, WFL+23]. **Commercially** [RKHAMM22]. **commerson** [NNN23]. **Commission** [SS23]. **Common** [BEMC23, KBCM19, MS20, RGVG19, SB20, WKB+23, YWDP21]. **Commonalities** [Mil23]. **Communities** [AWCS23, AGE+18, ENO21, EFG+23, GLX+23, HXS+23, HPJ+23]. **Community** [GSH+24, HSZ+22, KBB+21, YLH+24]. **Community-Based** [KBB+21]. **Comparative** [AEME+23, FLX+22, GWH21, IFA+23, MSK+21, MTM+19, RWF+23, SLY+21, SJY+22, TMM+18, YZL+23, ZZ24]. **Compared** [AJF23]. **Comparing** [EBRS23]. **Comparison** [HZS+21, KZC+24, LZZ+22, MMY+17, SEA+23, YHZ+23, ZLX+23, ZZY+23]. **Compatibility** [JLT22]. **Compensation** [SYL+24]. **Compensatory** [Näs18]. **Competition** [AGE+18, NHR20, YJK23]. **Competitiveness** [EvSCB23]. **Complete** [JJK21, LPK+23a, LPK+23b, PKY+23]. **Completely** [YLW+23a]. **Complex** [AHK+23, FWJ21, HBL+22, SSK+22]. **Complexity** [DSC+19, HWW+24a]. **Complexone** [ZJC+22b]. **Compliance** [EvSCB23]. **Components** [JKK24, MZA+23]. **Composition** [BEG+23, DZC+22, EAJ+23, FGBA+23, GSH+24, JSSD23, KŽM+23, LZM+23, PNW+22, RGVG19, SGG+21, TMD+19, ULR+23, WSE+21, XRX+23, ZWZ22]. **Compositions** [YYH+24]. **Compound** [HXS+23, ZWZ22]. **Compounds** [DDG+22, WDL+23]. **Comprehensive** [CS23, HGC+23, MSRGCG+23, PNW+22]. **Concentrate** [CWP+21]. **Concentration** [dRCCLRNRWK21, PLC+24, ZJC+22b]. **Concentrations** [dOCCH+23, KSO+23, KJ22, MSK+21]. **Condition** [EHGS23, MH23, SGAC20]. **Conditionally** [CLJ+23]. **Conditioned** [GGP+23]. **Conditioning** [CPVMA+24]. **Conditions** [CL19, CBCMRD+23, EA18, GL23, GRO+17, HYXY23, RCR+23, STZ+23, WMZ+22, WXL+23, ZQLW23]. **Confronted** [vSRB+18]. **Congruent** [HBL+22]. **Connectivity** [KBK+23, QWR+23]. **Consequences** [Dul23, RCL+23]. **Conservation** [ANA+23, BMOH23, DNP+23, FPRAT+23, JLT22, KSWT22, LKD22, MMAO22, PCO+23, SKSL23, VM19, VMBT24]. **Conservation-Status** [MMAO22]. **Conservative** [FM21a]. **Consistent** [AWCS23]. **Conspecific** [LYL+23]. **constricta** [LLY+22]. **Constructed** [KMS+17]. **Consumed** [DMT+19]. **Consumer** [RLAE23]. **Consumption** [AHLC19, GLW+22, IFA+23, LLY+24, Poi24]. **Containing** [SBS+23]. **Contamination** [LL22, ŢPN+23]. **Content** [GRKC19, GBT+24, MBAM19, RSA17]. **Contents** [OJC+23]. **Context** [dlCRMB+22]. **Continuous** [RGABD20]. **Contributing** [YZL+23]. **Contributions** [DDN19]. **Control** [CG20, GGP+23, IR22,

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

D [Kim23a]. **dabryanus** [LDW+21]. **Dace** [BMOH23]. **dactylifera** [HGSE23]. **Daily** [GFDPSR22, OGMG+17]. **Dalatiid** [DNP+23]. **Dam** [APS+21]. **Damage** [BB23, HWW+24b, MTHPJS+23]. **Dams**

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

Dicentrarchuss [RRM+20]. **dieffenbachii** [MLK+19]. **Diel** [BSB+23]. **Diet** [BEG+23, CWP+21, DZC+22, EPKV17, FGR19, GYH+23, MABÁMSM22, MMVVCJ+23, NdNFK+24b, NdNFK+24a, SFK+23, WLL+22, WWD+23, YZH+24]. **Dietary** [ASM+22, AASQPU+23, BSGMC+22, BKBR+23, CSR22, EAJ+23, GRKC19, GSHGE18, HLZ+22, JKK24, LHX+23, OSM23, OJC+23, SSSP21, SNSG+19, SCHT23, TPC+23, WGRM+19, WHX+23, XHC+22, XLX+22, XYC+22, XYC+23, XYL+23, YGD+23, YAEAB23, ZWZ22, ZYG+23, ZSZ+23, dAdSCC+23]. **Diets** [AAAF+21, BCG+23, CSR22, DCL+23a, Eny17, FQÁGTR+17, GMDMT+23, GBT+24, JKP+23, MVPMAV+22, NRÁGPM+18, NYS+23, PJPMMV+22, PSW+23, SBS+23, TMD+19, XYL+23, ZWD+23]. **Differences** [AJF+22, BBCJ23, LZM+23, Näs18, WYG+23, ZZ24, ZJC+22a]. **Different** [AGA+21, CHH+23, dOCCH+23, CPVMA+24, DQC+23, GGP+23, HSAF+23, IM24, JCR+22, KYB+23, LUM18, LDD+22, LWL+23, LVB+20, LMNN21, MNP+16, NdNFK+24b, NZVB20, RHU+23, RKS+24, SdSdOSSL23, SPEGMC24, SBS+23, SUL+23, ŠT19, SJY+22, WSL+23, WML+21, WYG+23, XRX+23, YYW+23, YGD+23, YLH+24, YWL+24, ZZT+23, ZCT+23, ZZY+23, ZWD+23]. **Differential** [LMMC+22]. **Differentially** [ZLSB22]. **Differentiation** [Fed23, MLSC+23, SML+23a, SLY+21, VCL20, WLZ+22a]. **Diffusion** [NRKT19]. **Diformate** [CHZ+24]. **Digestibility** [BRB+23, DBP+20, FDM+23b, MdM+23, MLH+20, SdSdOSSL23, TJTV+23]. **Digestive** [DZC+22, LGZ+23, LLS+23, MCÁGHA+17, MVPMAV+22, MMVVCJ+23, NRÁGPM+18, PJPMMV+22, SSSP21, TCB+24, XYL+23, YBL+22, YHZ+23, dAdSCC+23]. **Dihydrolipoamide** [LTZ+22]. **Dimensions** [KKFC+23]. **Dioxide** [INCD23, Sus20]. **Dipole** [SZSW21]. **Direct** [ŠT19]. **Directions** [MS20]. **Discarded** [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, WBK+23, XLX+22]. **Diseased** [SNZ+23, WLZ+23, WFX+23, XXL+22]. **Diseases** [BAP22, LJR+24, Sha19]. **Disentangling** [BÁD+22, RRG22]. **Disinfectant** [HS18]. **Dismissed** [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** [SFP17]. **Distinction** [MBD+23]. **Distinguish** [FJL+23]. **Distributed** [LZC+23b]. **Distribution** [BSR+20, CASMK23, Gae16, Gae17, GP17, Gre17, LCZ+23, LWD+23, LXW+24, MSA24, MDLA22, RSA17, RKS+24, SKD+23, SKF+23, WWY+23, XZZ+24, ZZL+23, ZCX+22]. **Distributions** [HBL+22, LBC+24]. **District** [MFKS23]. **Disturbance** [CLL+23b]. **Divergence** [WTC+22]. **Diverse** [ZAM+23]. **Diversity** [ARH+23, ANA+23, BAA+23, CTTW23, GSH+24, JZX22, LZC+23b, SWUH23, SLDC23, WLZ+22a, XRX+23, YJK23, ZLL+23, ZGY+23, ZZZ+23]. **DNA** [AMK23, BAA+19, HBG+20, HZG+21, JZX22, OJC+23, WFZ+24]. **Do** [FÅG+23, IBN+23, YGD+23]. **Docking** [NWN+23]. **Does** [BF16, CCFP19]. **Dogfish** [ARH+23]. **dolomieu** [SOW+23]. **Dolphin** [JLT22]. **Dolphinfish** [Poi24]. **domestica** [HIO+19]. **Domesticated** [AJF+22, FHF23]. **Domestication**

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

E-Nose [PBS+22]. **E.** [KSO+23, SZZ+23, YGD+23]. **E20** [CBCL23]. **Earliest** [KMS+17]. **Earliest-Stage** [KMS+17]. **Early** [BKBR+23, CAC+17, CHH+23, CBCMRD+23, IM24, JKP+23, Kim23a, Kim23b, MPM+21, PH23, SMO+22, SMO+23, STZ+23, TJW+22, VPP+22, VH20, ZSL+23]. **Early-Life** [SMO+23]. **Early-Stage** [JKP+23]. **East** [HWZ21, LCZ+23, YSY+23]. **Eastern** [CASMK23, GSK+21, HCWH20, AGE+18, DMA22, MMD+23, MLSC+23, RKS+24, SMM+18]. **Eat** [WDL+23]. **eckloni** [ZZ24]. **Eco** [GZX+22]. **Eco-Substrate** [GZX+22]. **Ecological** [Fra23, FCT19, KKB20, KYB+23, LZL+23, MWPS23, MWPS24, MBL20, PYP17, Poi24, RTBL+18, WSL+23, 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, LJP+22]. **Ecosystem** [APD+23a, APD+23b, KAB+20, SS23]. **Ecosystems** [DD23]. **Ecotourism** [SLL22]. **Ecotoxicology** [AAB+18]. **Ectoparasite** [CSSMV+23]. **Ectoparasitic** [MNO+22]. **Edible** [EBRS23, GMRJ22]. **Editing** [KEA+23]. **Editor** [Hal23]. **Editor-in-Chief** [Hal23]. **Editorial** [Moy18, Piz22]. **eDNA** [PKSN23a, HBL+22, PKSN23b]. **edodes** [XYL+23]. **Edwardsiella** [WSZ+23, YLW+23a]. **Eel** [JKP+23, MLK+19, MDLA22, PRPW23, RCL+23, ZWZ22]. **Eels** [DMA22, EFG+23, HMVRFD19, SLYY23, WHX+23]. **Effect** [AAAF+21, AHK+23, ASM+22, BSGMC+22, CWMX21, CFCE20, CZC+22, CL21, CPJK23a, CPJK23b, DO24, EPKV17, GMBR+21, GYH+23, GSH+24, HV24, HXS+23, HS18, JKP+23, KKFC+23, LHX+23, LLS+23, LCX+23, MMMNAG23, MSB+23, MIHH23, NWN+22, NRÁGPM+18, PYJ+23, PSW+23, PWCL23, dCPRG+21, PKV+22, RRM+20, SZZ+23, SAC23, SAB+22, SIZ+22, WGRM+19, WHM21, WCY+24, ZWZ22]. **Effective** [AHLC19, HIO+19, HCZ+23, LXW+24]. **Effectively** [NYS+23]. **Effectiveness** [GZF+22]. **Effects** [AEME+23, BHR+23,

BSH+23, BEF+23, CZW+23, CSGE23, CFP+23, DÁ23, DDN19, DK22, DPGFL+22, DSC+23, EAJ+23, EAE+23, FMXQ23, FMBPC+23, FHF23, FLB+21, GL23, GMDMT+23, GGP+23, dSGBdF23, GSHGE18, GZX+22, HLK+23, HGSE23, HFEH+23, IM24, JBdFS+22, KJ22, LMC21, LMB+23, LWZ+22, LGZ+23, LZH+23, LV23, LSL+24, LMMC+22, LMNN21, MVPMAV+22, MTHPJS+23, MNO+22, MTPK23, Näs18, NDC+23, NSK+23, PHB+23, dAPAA+24, PH23, RKHAMM22, RHU+23, RCL+23, SSSP21, SMO+23, SBP23, SZF+21, SBB+19, SNK+23, SAHS18, TJTV+23, TCB+24, ULR+23, VAT+23, WSZ+23, WML+21, WLL+22, WZG+23, WLW+23, WSD+23, WHX+23, WSA+23, Web23, WMD+24, WSE+21, WLZ+22b, XLX+22, XYC+22, XYC+23, XYL+23, YLW+23b, YHZ+23, ZYG+23, ZWP+23, dAdSCC+23, vKRNL+19].

Efficacy [CG20, IR22, LDD+22, PSN18]. **Efficiencies** [APAHBMAG23]. **Efficiency** [BBF22, CGY+23, KKFC+23, MSB+23, SNK+23, TVL21, ZLF23]. **Effluent** [LMC21]. **Effort** [LSJ24, SHT+23, WLM+20]. **Efforts** [HDW+23]. **EGb** [CXW+23]. **Egg** [RAR+18]. **Eggs** [THS+22, WMD+24]. **ehimensis** [LCWH22]. **EHP** [HWX+23]. **Elasmobranch** [LW18, PYP17]. **Elasmobranchii** [BMMD22, FGG+22]. **Elasmobranchs** [ZSZSS+22]. **Eleginops** [MPM+18]. **Element** [XJC+22]. **Elements** [XWR+23]. **Eleotridae** [RMSPMC+22]. **Elephant** [SAL19]. **Elevated** [DK22, DTS+17, INCD23, PLC+24, ZZW+22]. **Elizabethkingia** [WWW+24]. **elongatus** [PKY+23]. **Elopomorpha** [KBK+23]. **Elucidate** [BLA+22]. **Embryo** [MMMNAG23]. **Embryogenesis** [DIL+22, LLY+24]. **Embryonic** [CZC+22, CZC23, DK22, LXZ+22, THS+22, UDG+19, dlCRMB+22]. **Embryos** [LL22, Ord19, XWR+23]. **Emerging** [Näs18]. **Emphasis** [AJF23]. **Empirical** [CHW21, HWZ21]. **Enclosed** [SXQ+22]. **Encounter** [AHLC19]. **Encounters** [FÅG+23]. **encrasicolus** [DQC+23]. **Endangered** [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]. **Endotoxin** [LS19]. **Endurance** [VF23]. **Energetic** [BB23]. **Energy** [LWS+23b, MdM+23]. **English** [DMA22]. **Engraulis** [AAN22, DQC+23]. **Enhance** [BFP+23, CXW+23]. **Enhancement** [GBT+24, HHL+20, TOB+23]. **Enhancer** [AHJ+23]. **Enhances** [LCWH22, XCW+23]. **Enriched** [NSK+23, VLCCA+23]. **Enrichment** [CBCL23, WWW19]. **Ensemble** [WSL+23]. **Enteric** [YLW+23a]. **Enteritis** [SCSR22]. **Enterococcus** [XLX+22, XYC+22, XYC+23]. **Enterocytozoon** [HWX+23]. **Enteromorpha** [ZWD+23]. **Entire** [WMD+24]. **Ento** [SAB+22]. **Entosphenus** [KSO+23]. **Environment** [HBL+22, LXW+24, LJP+22, LWZ+23, WLZ+23, ZXY+24]. **Environmental** [AJF23, AMK23, BÁD+22, CL19, CMC+24, DPGFL+22, EM23, FHF23, GTC+17, HJE+23, HBG+20, HMX+21, HMVRFD19, HWZ21, JZX22, KKPL23, LKJ22, LWD+23, NKC+21, RJMVC+18, RJTVC+19, ST17, VK23, WKB+23, WM22, WGW+23, WWY+23, WFZ+24, YYW+23]. **Environments** [CPVMA+24, VLCCA+23]. **Enzymatic** [ULR+23, WLW+23]. **Enzyme** [DRFCL23, DZC+22, ERE21, MBAM19, MLK+19, MMVVCJ+23, NRÁGPM+18, PJPMMV+22, XYL+23, YBL+22, YHZ+23, ZZL+23, dAdSCC+23]. **Enzymes** [FMBPC+23, LGZ+23, MVPMAV+22,

SSSP21, TPC+23]. **Enzymology** [FLB+21]. **Epidemiology** [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, 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]. **Especially** [APS+23]. **Essential** [BSH+23, GMBR+21, JBdFS+22, SBS+23, dAdSCC+23]. **Establishment** [CLJ+23, MU21]. **Ester** [CWMX21]. **Estimate** [SHT+23]. **Estimated** [TMPP23]. **Estimates** [BPO19, CSB+20, CLL+22, CBANCM+21, FGBA+23, HCZ+23, LLWW23, MOW+18, XWW+24]. **Estimating** [JHNF24, LLW+22]. **Estimation** [LJX+21, LSJ24, Tri23]. **Estradiol** [CZC+22, JSJ+24, VMS+23]. **Estrogen** [CZC+22]. **Estuarine** [DMA22, FDM+23a, Gre17, HBL+22]. **Estuarine-Dependent** [FDM+23a]. **Estuary** [Fra23, KBB+21, SFP17, GTC+17, SLYY23, WSL+23]. **Ethmalosa** [DTS+17]. **Ethyl** [CWMX21]. **Eupercaria** [dAMPS+23]. **Europe** [Fra23, EFQ23, RRG22]. **European** [AHJ+23, ANA+23, AVT18, BFB+23, BAS+19, BBF22, CFCE20, CMC+24, DMA22, EFG+23, FGR19, FB22, FDM+23b, GFDPSR22, HMVRFD19, LLKKV20, MDLA22, NZVB20, VPP+22, XQLA18]. **Eurozone** [BBF22]. **Euryhaline** [WLT23]. **eurystomus** [KZC+24]. **Euthynnus** [MLSC+23]. **Evaluate** [FWJ21, MU21]. **Evaluating** [FYH+23, GLH+23, KBB+21, MD21, SCSR22, ZZZ+23]. **Evaluation** [BPCC23, DRH18, EES+23, EEdCSOPJ+23, Fed23, FLFF23, GMCF+22, GTSG18, GZF+22, MBAM19, NWN+21, PKSN23a, PKSN23b, RDI+21, SPEGMC24, SHT+23, VAT+23, WHM21, YLX+22]. **Evasion** [QAC23]. **Events** [HBG+20]. **Evidence** [CSJ+23, GP17, KKPL23, LKJ22, PWCL23, VMBT24, WHM21, ZAM+23]. **Evolution** [Gae16, Gae17, MBZ+21, SDA23, ZQL+23]. **Evolutionary** [DNP+23, Fed23]. **Ex** [CYL+23]. **Examined** [CHH+23]. **Examples** [SBP23]. **Excluder** [CLL23a]. **Exclusive** [HZL+22]. **Excretion** [JCR+22, TU18]. **Exercise** [LWS+21]. **Exhibits** [DTS+17, LJR+24]. **Exoskeletal** [PKC+19]. **Exotic** [SGAC20]. **Expansion** [SKD+23]. **Expected** [SBG+24]. **Experience** [QAC23, YWDP21]. **Experiences** [DPGFL+22, LOB+23, SRBCGV+21]. **Experimental** [CFLK21, HYXY23, NHR20, NNN23, NWN+23, PLC+24, PVY+21, WXL+23, WBK+23]. **Experimentally** [ZZL+23]. **Expert** [MSK+22]. **Expert-Based** [MSK+22]. **Exploitation** [FPRAT+23]. **Exploiting** [SB20]. **Exploration** [LSJ+22]. **Exploring** [ZCX+22]. **Exporting** [EN22]. **Exposed** [AGA+21, BAS+19, dOCCH+23, HLZ+22]. **Exposure** [BMSGS+18, BSH+23, DLL+23, DIL+22, RCL+23, ŠT19, WKB+23, WCY+24]. **Expressed** [CAC+17, ZLSB22]. **Expression** [ASM+22, CZW+23, CYL+23, CZC+22, ERE21, FCB+21, FLR+22, GLY+23, GRKC19, GGF+22, JKP+23, KJK+23, LLY+22, LCWH22, LWL+23, LXZ+22, MKC+22, MWZ+23, MVPMAV+22, NRÁGPM+18, PLJ+23, PJPMMV+22, PSO+19, QWY+24, SML+23a, TU18, WSZ+23, WLW+23, WYG+23, WPLK23, YZH+24, YLX+22, YSG+23, ZLW+23, ZSZ+23, ZCT+23, vKRNL+19]. **Expressions** [ZHF+22a]. **Extended** [CPJK23a, CPJK23b]. **Extension**

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

F [Kim23a, Kim23b, SRL+19]. **F.** [GWH+22]. **F1** [JFP+18, WSI+19]. **Fabrication** [EEE21]. **Face** [LSJ+22]. **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, NHC+23, RAR+18, SGAC20, VK23, WM22, WHY+24, WWY+23, XZZ+24, YZL+23]. **faecalis** [XLX+22]. **Faeces** [MLH+20]. **faecium** [XYC+22, XYC+23]. **Fails** [RDE+23]. **falciformis** [KSWT22]. **Fall** [BMTR23]. **Family** [BAA+19, GLY+23, LLY+22, OMC+19, SHW+23, WSZ+23, YLW+23b, ZLW+23, ZLZ+22, ZVRH23]. **Fang** [TTT23]. **Farm** [JSRE+24, TKF+18]. **Farm-Raised** [JSRE+24]. **Farmed** [AVT18, CVANRD+21, DLL+22, EES+23, HLZ+22, IR22, JSLE23, MGS+23, MMY+17, RDANPA+24, RSA17, SALC+19, XZD+24]. **Farming** [GMRJ22, LXW+24, MBL20, NNL+23, RDG+20, TVL21]. **Farms** [JLT22, JKK+20, KYB+23, MDF+23, NKC+21, NHC+23, SNZ+23]. **Fasting** [FMBPC+23, dAPAA+24, ZSZ+23]. **Fathead** [LMC21]. **Fatty** [ASM+22, BKBR+23, HZL+22, LZM+23, MNP+16, PSW+23, TMD+19, VKP+24, ZSZ+23]. **Favor** [SCSS23]. **Feasibility** [LJX+21]. **Features** [GWH+22, KMSO18, ZXY+24]. **Fecundity** [DTS+17]. **Fed** [ATEfA+21, BCG+23, CWP+21, DZC+22, GBT+24, MMVVCJ+23, SBS+23, SEA+23, SGG+21, TMD+19, XYL+23]. **Feed** [ATEfA+21, CXW+23, CSF+23, CHZ+24, DBP+20, DRH18, EPKV17, HMN+22, HIO+19, HMP+24, IM24, JKK+20, KKFC+23, MMVVCJ+23, MLH+20, Pao23, VH20, XCW+23, YAEAB23, ZLX+23, ZWD+23, ZHHO23]. **Feeder** [EEE21]. **Feeders** [CMC+24]. **Feeding** [AHK+23, Ang18, BWKS20, CSF+23, HZL+22, KSO+23, KKPY22, KKFC+23, LSS+22, LOBTL22, MSRGCG+23, TJTV+23, WLL+23, WFZ+23, XSZ+23, dSSBdS23]. **Feeds** [GHS20, MBAM19, RRM+20, RGVG19]. **Feedstuffs** [BSGMC+22]. **felis** [OJC+23]. **Female** [CBK+21, DOB+17, JSJ+24, QAC23, RAR+18, SBP23, SLY+21, FHHC23, JCR+22, PYJ+23, SZZ+23, YGD+23]. **female-sign** [FHHC23]. **FEMP** [BBF22]. **Fermentation** [FDM+23b, XYL+23]. **Fermented** [WLW+23, XYC+22, XYC+23, ZYG+23]. **Fertility** [RAR+18, ZSL+23]. **Fidelity** [SBT22]. **Field** [Ang18]. **Fighting** [LJR+24]. **Filial** [CZC23]. **Fillet** [MKN+16]. **Fillets** [JROHVH+23, ŠT19]. **Filter** [CMC+24, KSO+23]. **Filter-Feeding** [KSO+23]. **fimbriata** [DTS+17]. **Fin** [VCL20]. **Final** [PYP17]. **Finding** [KMB18]. **Fine** [MSA24, SLY+21]. **Fine-Patterned** [SLY+21]. **Fine-Scale** [MSA24]. **Finfish** [JE18, NNL+23, RAR+18]. **Fingerling** [RJTVC+19, SNK+23]. **Fingerlings** [NDC+23]. **Finless** [CYL+23, FLX+22, LCZ+23]. **Finned** [PKY+23]. **Firm** [AJF23]. **Firms** [AJF23]. **First** [DLL+22, DCL+23b, EBH21, GMCF+22, JSRE+24, JFP+18, MKC+22, MWPS23, MWPS24, dAMPS+23, SQ23, VMDV+22]. **First-Generation** [JFP+18]. **Fish** [AMK23, AIŠRB22, APS+23, AGE+18, AJF+22, BB23, BAA+23, BCG+23,

BBCJ23, CL19, CSGE23, dRCCLRNRWK21, CXW+23, CLL23a, CZC23, CFLK21, CSSMV+23, DCL+23a, DMT+19, DPGFL+22, DTS+17, DO24, EM23, EPKV17, ENO21, EFQ23, EMFZ+18, FDM+23a, FLFF23, Fra23, GTC+17, GBT+24, Gre17, GZX+22, HARB23b, HIO+19, HPJ+23, Ims23, IBN+23, ILA22, INCD23, ITG+18, JSLE23, JJK21, JZX22, JK24, JHNF24, KJ22, KAB+23, KFS23, KAB+20, KYB+23, LKU21, LMB+23, LMLH22, LSJ+22, LWD+23, LFH+23, LWS+21, LJX+21, LL18a, LL18b, LWT+24, LWZ+23, MdM+23, 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, OMC+19, Ols19, Pao23, PKY+23, PSP+22, PWH+23, PKSN23a, PKSN23b, QPDGF+23, RKHAMM22, RLB+23, RLAE23]. **Fish** [RJR+22, RTBL+18, RDG+20, RRG22, SGAC20, SRBCGV+21, SAL19, SMO+23, SMH+24, SCSS23, SKD+23, EEE21, SAGG+23, SOW+23, SXQ+22, SNK+23, SMH+22b, SML+23b, SLDC23, SAHS18, TMD+19, ULR+23, VM19, VCC+18, WGRM+19, WSL+23, WMZ+22, WLZ+23, WLW+23, WMD+24, WFZ+23, WFZ+24, XYC+22, XYC+23, XCW+23, YLW+23a, YJK23, Zac22, ZAM+23, dSJC+21, dSSBdS23]. **Fish-Based** [SXQ+22]. **Fished** [MMAO22]. **Fisher** [JLT22, LV23, MFKS23, SKL+23, TOB+23]. **Fisherfolk** [WM22]. **Fisherie** [FCT19]. **Fisheries** [BBF22, BFP+23, BPCC23, CBP+24, DÁ23, FM21b, FCT19, HWW+24a, ISA+22, KFS23, LKJ22, MSK+22, MTPK23, MML22, OOGAS23, PMFBI22, QL22, SWUH23, SKT23, SRHCO23, SS23, SLL22, TOB+23, XYT23, YYW+23, YSY+23]. **Fishermen** [SRHCO23]. **Fishery** [APAHBMAG23, CHW21, Fer23, Ho22, LLTM17, LJP+22, Liu24, MTPK23, NWN+21, NWN+22, NIN+19, PWCL23, ŢPN+23, TDN+22, WHM21, YLL22, ZXY+24, ZCX+22]. **Fishery-Processing** [NWN+22]. **Fishes** [CGY+23, CPJK23a, EHGS23, Fed23, FCF19, FLFF23, HMX+21, Kim23a, KCCK23, LBC+24, LW18, LZL+23, MS18, MWPS24, MBZ+21, Piz22, PKSN23a, SALC+19, Sor21, Sus20, TMM+18, ZVRH23, Est16, Gae17, APD+23a, EBH21, LL18a, Off18, Off19, Off23, XYC+23]. **FishEthoBase** [SALC+19]. **Fishing** [And23, AAN22, CHW21, CXL23, CZCW23, FYH+23, FGBA+23, dSCFQB+23, LSJ24, MFKS23, PMFBI22, TTT23, VK23, WYL23, XQLA18, XLC+24]. **Fishmeal** [ATEfA+21, BCG+23, CSR22, FLB+21, ZMLFS+20]. **Fishway** [PAMG19]. **Fitness** [MH23]. **Fitting** [MOW+18]. **Five** [ZZZ+23]. **Fivespot** [LPK+23b]. **Flagellar** [SZZ+23]. **Flat** [SRBCGV+21]. **Flat-V** [SRBCGV+21]. **Flathead** [EES+23]. **flavescens** [CWP+21, NHR20]. **Flavor** [PBS+22, WDL+23]. **flavus** [EAJ+23]. **Flaws** [LBC+24]. **Fleet** [PMFBI22, YYW+23]. **Flesh** [MGS+23]. **Flexible** [MOW+18]. **fliL** [SZZ+23]. **Floating** [AHK+23, HLK+23]. **FLOCponics** [HPJ+23]. **Flora** [SJY+22]. **Florfenicol** [SEA+23]. **Florida** [LLTM17, BPCC23, CH23, EKL+23, MPK+23]. **Flounder** [JKK+20, JKK24, LPK+23b, YLW+23b, YSY+23, ZLZ+22]. **Flow** [PRPW23, TKF+18, WMD+24]. **Flow-Through** [TKF+18]. **Fluctuating** [MH23]. **Fluctuation** [SNSG+19]. **Fluctuations** [LZZ+22]. **Fluid** [RDE+23, VAT+23, WKB+23]. **Flunixin** [MSK+21]. **Fluorescence** [LSY+17]. **Fluvial** [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]. **Food** [AA23, LMLH22, LLS+23, LMMC+22, QWR+23, SMO+23, SZF+21, YJK23, ZLX+23]. **Foods** [DDN19]. **Foodsize** [FHHC23]. **Foraging** [JBK+23, LLS+23, OSM23]. **Force** [CCCFE18]. **Forecast** [AAN22]. **Form** [HSZ+22]. **Formalin** [LDD+22]. **Formalin-Killed** [LDD+22]. **Formation** [PSS+18, RAR+18]. **Formulated** [CWP+21, DZC+22]. **Fortification** [BF16]. **Fostering** [NNL+23]. **Fotemustine** [DIL+22]. **Foundation** [LDW+21]. **Four** [AIŠRB22, SGAC20, ZHF+22a, ZLL+23]. **FP17** [DLL+22]. **FPH** [SNK+23]. **Fractal** [DSC+19, RDANPA+24]. **Fraction** [HIO+19]. **Fractionation** [BFM23]. **Fragments** [SLC+22, ZZZ+23]. **Framework** [XQLA18]. **Frameworks** [And23]. **Frass** [YAEAB23]. **Free** [BCG+23]. **Freeze** [DSC+23]. **Freezing** [HYXY23]. **French** [AKM23]. **Frequency** [LGZ+23, PWH+23]. **Frequently** [DMT+19]. **Fresh** [DRH18, DMT+19, RDG+20]. **Freshness** [LSY+17]. **Freshwater** [BPCC23, CLL+23b, CGY+23, DCR+23, EFQ23, INCD23, KSAB+23, MJL+24, MIHH23, MS18, MML22, NKC+21, NSK+23, Piz22, PWH+23, RLB+23, RRG22, SAGG+23, VM19, XRX+23]. **Freshwaters** [EFG+23]. **fridmani** [CZC23]. **Frigate** [ZCX+22]. **Frog** [WWW+24]. **Front** [BS23]. **Frontier** [APAHBMAG23]. **Frozen** [CTY+21, LJK+22, RDI+21]. **Fructooligosaccharides** [EAE+23, PJPMMV+22]. **Fruit** [HGSE23]. **Fry** [LLL+23, LGZ+23]. **Full** [TKF+18]. **fulvidraco** [HWW+24b, JLW+24, PYJ+23]. **Function** [JK24, LSY+23, PJPMMV+22]. **Functional** [CLJ+23, Fra23, LMLH22, Mil23, MPK+23, YAEAB23, ZCT+23]. **Functionality** [BSGMC+22]. **Functions** [CL19, SRL+19, TJW+22]. **Fund** [BBF22]. **Fungicide** [NWN+23]. **Fungus** [PSS+18]. **furcatus** [FHHC23]. **Fusarium** [EAE+23, PSS+18]. **fuscoguttatus** [HAC+23, SZZ+23, WYG+23, YGD+23]. **Future** [APD+23a, APD+23b, FCF19, MS20, SMO+23].

G [Mil23]. **G.** [GP17, KLD+23]. **G720** [XLX+22]. **Gadiculus** [GP17]. **Gadidae** [Gae17, Gae16, GP17]. **Gadus** [PH23, SCSS23, YHH+20, vKRNL+19]. **Gafftopsail** [OJC+23]. **Galaxaura** [YZH+24]. **Galeus** [BMMD22, DAF+22]. **galloprovincialis** [LPF+23]. **Galvanizing** [BASBW24]. **Gaps** [MMAO22]. **Gar** [FQÁGTR+17, MPM+21, MVPMAV+22, NRÁGPM+18, PJPMMV+22, dlCRMB+22]. **gariepinus** [AZY+24, BHR+23, Eny17, EPKV17, SBB+19, WSE+21]. **Garlic** [JROHVH+23]. **gasar** [dOCCH+23]. **gasterostei** [GMMNRS18]. **Gasterosteus** [BEMC23, DLL+23, GMMNRS18, JBK+23, SAL18]. **Gate** [ZS21]. **Gauging** [SRBCGV+21]. **GC** [PBS+22]. **GC-IMS** [PBS+22]. **GCRV** [YLX+22]. **Gehu** [RJR+22]. **Gelatin** [EEdCSOPJ+23]. **gen** [CSJ+23]. **Gender** [ZHF+22b]. **Gene** [ASM+22, CYL+23, CMP+23, ERE21, FCB+21, GLY+23, GRKC19, GGF+22, JKP+23, KEA+23, LLY+22, LWL+23, MKC+22, MWZ+23, NRÁGPM+18, PLJ+23, PSO+19, QWY+24, SML+23a, SZZ+23, TU18, WLW+23, WYG+23, WPLK23, YZH+24, YLX+22, ZHF+22a, ZQL+23, ZHQ+23, ZCT+23, 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]. **Genetic** [ARH+23, ANA+23, APD+23a, APD+23b, CTTW23, CSB+20, CMP+23, FHF23, HCWH20, HHL+20, HCZ+23, HZZ+23, KBK+23, LDBL19, LZC+23b, NTP+21, SWUH23, WTC+22, WLZ+22a, WFL+23, ZLL+23, ZGY+23, ZZZ+23]. **Genetically** [HLZ+22, SML+23a]. **Genetics** [BMOH23, FGHYCA23, Hal23]. **Genome** [CZL23, DLL+22, JJK21, LPK+23a, LPK+23b, LLY+22, MBZ+21, ZLW+23]. **Genome-Wide** [LLY+22, ZLW+23]. **Genomewide** [GLY+23]. **Genomic** [YZL+23]. **Genomics** [KBK+23]. **Genotoxicity** [AZY+24, SAGG+23]. **Genotype** [TBPJ23]. **Genotype-1** [TBPJ23]. **Gentian** [FMXQ23, WLN+23]. **Genuine** [XJC+22]. **Genus** [MBD+23, MLSC+23, WLZ+22a, WBK+23]. **Geographic** [BGT+20]. **Geographic-Scale** [BGT+20]. **Geography** [RE21]. **Geometric** [KMSO18, XXL+24]. **Geosmin** [LLKKV20]. **Germ** [ZQLW23]. **Gestation** [UDG+19]. **GH** [GRKC19, GLW+22]. **GH-Transgenic** [GLW+22]. **GH/IGF** [GRKC19]. **Ghrelin** [ZSZ+23]. **Giant** [CWW+23, HAC+23, XRX+23, ZHF+22b]. **Giants** [TCD+21]. **Gibel** [ULR+23]. **gibelio** [ULR+23]. **GIFT** [BRB+23, HLZ+22, ZZW+22]. **gigas** [HZL+22, ZXY+24]. **Gill** [FMXQ23, FQÁGTR+17, ZZT+23, ZZW+22]. **Gillnet** [FM21a, NIN+19]. **Gillnets** [NNN23, YSY+23]. **Gills** [CLL+23b, CSJ+23, HSZ+22, MHZ+23, SBS+23, WLT23]. **Gilthead** [BSGMC+22, CSB+20, CCCFE18, CFCE20, ERE21, GMBR+21, SNSG+19, TJTV+23, TMD+19]. **Giltheadsea** [ZMLFS+20]. **Ginger** [AEME+23]. **Ginkgo** [CXW+23]. **Girella** [KLD+23]. **Girellidae** [KLD+23]. **Glacial** [ANA+23]. **gladius** [LLTM17, Poi24]. **Glass** [SLYY23]. **Glazed** [CTY+21]. **Global** [EN22, KKB20, PWCL23, SALC+19, ZZW+22]. **Glochidia** [MJL+24]. **glossodonta** [KBK+23]. **GLP** [ZSZ+23]. **GLP-1** [ZSZ+23]. **gls1** [XHC+22]. **Glucan** [EAE+23]. **Glucans** [NRÁGPM+18]. **Glucocorticoid** [WLT23]. **GLUT1** [ZLZL23]. **Glutaminase** [XHC+22]. **Glutamine** [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, VCC+18, ZQLW23]. **Gonadal** [CBK+21, LXZ+22, MKC+22, YYH+24, ZLZ+22, ZCT+23]. **Gonadotropin** [WSI+19]. **Gonadotropin-Releasing** [WSI+19]. **Gonads** [MYY+23]. **gonionotus** [DRH18]. **Gonochorism** [MPK+23]. **Good** [SMM+18, SBG+24]. **Gourami** [DAHM19]. **Governance** [CXL23]. **Governing** [And23]. **Gracilaria** [HSAF+23]. **Graded** [SNK+23]. **Gradients** [SML+23a]. **Gradual** [TMM+18]. **grahami** [ZXH+23]. **Grains** [FDM+23b]. **Grande** [CASMK23]. **grandiflora** [SBS+23]. **granosa** [PLJ+23]. **Grape** [LMNN21]. **Grapevine** [HFEH+23]. **Grass** [HBG+20, LWS+21, LJR+24, SFP17, WWD+23, YLX+22, ZSQ+21]. **grayii** [WTC+22]. **Graysby** [BPOS19]. **Great** [FLFF23]. **Greater** [JFP+18, NRKT19]. **Greece** [CBP+24, KMB18, KKB20]. **Greek** [GASS+22, SKL+23]. **Green** [CPJK23a, CPJK23b, GBT+24, HAC+23, MCÁGHA+17, YE20]. **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]. **Grouper-Snapper** [HWW+24a]. **Groupers** [FMXQ23]. **Grow** [NdNFK+24b]. **Grow-Out** [NdNFK+24b]. **Growth** [ATEfA+21, AEME+23, ASM+22, AGA+21, BFB+23, BHR+23, BRB+23, BMTR23, BPOS19, BPO19, CSB+20, CdOCH+23, CVANRD+21, CLL+22, CXW+23, CHJ+23, CCFP19, CMC+24, CBANCM+21, CBCMRD+23, DMA22, DLL+23, DZC+22, EAJ+23, EAE+23, EPKV17, EMFZ+18, FB22, FM21b, FLB+21, FCB+21, GWH+22, GL23, GFDPSR22, GMBR+21, GMDMT+23, GRKC19, GBT+24, HGSE23, HFEH+23, HS18, HPJ+23, IM24, INCD23, JKP+23, JKK24, JBdFS+22, LLWW23, LCWH22, LWT+24, LSL+24, LOT+22, LCX+23, LMNN21, MSB+23, MWZ+23, MPM+21, MIHH23, MVPMAV+22, MMVVCJ+23, MOW+18, MPK+23, Näs18, NRÁGPM+18, PSS+18, PNW+22, PJPMMV+22, dAPAA+24, RRM+20, RHU+23, RDANPA+24, RJTVC+19, SSSP21, SNSVFL23, SBS+23, SLY+21, STZ+23, SGG+21, SBB+19, SJY+22, SNK+23, TJTV+23, ULR+23, VH20, WML+21, WSD+23, WYG+23, WSA+23, WSE+21, WLZ+22b, XLX+22, XRX+23, XCW+23, XWW+24, YLW+23b, YCR+23, YHZ+23]. **Growth** [ZMLFS+20, ZWZ22, ZSH+23, ZYG+23, ZZ24, ZLX+23, dAdSCC+23]. **Growth-Promoting** [JBdFS+22]. **GSK3** [WLC+23]. **Guadiana** [GTC+17]. **gualpensis** [GLH+23]. **Guaratuba** [CFM+23]. **Guaratuba-Babitonga-Itapocu** [CFM+23]. **Guiana** [AKM23]. **Guilds** [Fra23, WSL+23]. **Gulf** [AFTÁPA+23, BMTR23, KMB18, LWD+23, SWS22, USRDFO+22, MSRGCG+23, SXQ+22]. **Günther** [AFTÁPA+23]. **Guppies** [BEF+23]. **Guppy** [GBT+24]. **Gut** [ATEfA+21, BSGMC+22, GMCF+22, LHZ+23, WLZ+22b, XYC+22, XYC+23, YLW+23a, YBL+22, ZAM+23]. **guttatus** [CVANRD+21]. **Gymnesigobius** [KRAFO23]. **Gymnocephalus** [NHR20]. **Gymnocypris** [ZZ24]. **Gyrodactylus** [GMMNRS18]. **GYS** [WLC+23].

H [WGRM+19]. **H.** [Mil23]. **Hāpuku** [WSI+19, WSS+19]. **Habit** [LMLH22, WFZ+23]. **Habit-Specific** [WFZ+23]. **Habitat** [AKM23, Gre17, LHZ+23, SKF+23, YWL+24, ZCX+22, ZVRH23]. **Habitats** [DMA22, MNP+16, WSL+23, YLH+24]. **Habits** [MSRGCG+23, OJC+23, WLL+23, XSZ+23]. **haematopterus** [CHJ+23, WSD+23]. **Haemulon** [BPO19]. **Hagerman** [CTTW23]. **Hainan** [LZL+23]. **Hairtail** [FYL+23, HWZ21, SKK+23]. **Hairy** [LXT+22]. **Hake** [AGC23, GFDPSR22]. **Han** [AMK23]. **Handling** [SBP23]. **Happiness** [RH19]. **harak** [MOW+18]. **Harbor** [TTT23]. **Hard** [FCB+21, JXW+23]. **Hardhead** [OJC+23]. **harengus** [BMTR23]. **Harmful** [JXW+23, SAHS18]. **Harvest** [BGT+20, MMSK21]. **hasta** [MMY+17]. **Hatchery** [TRM+23, VRKV24]. **Hatching** [CHJ+23, Ord19, VKP+24]. **Head** [JLW+24, LLL+23, MPM+18, SMO+22]. **Head-Kidney** [SMO+22]. **Head-to-Tail** [LLL+23]. **Heads** [NWN+21, NWN+23]. **Health** [ASM+22, BSGMC+22, LZH+23, LW18, Sha19, SOW+23, SNK+23, ULR+23, WHX+23, WFZ+23, ZWP+23]. **Heart** [CLJ+23, PLY+24]. **Heat** [HZS+21, ZHF+22a]. **Heatwaves** [LPF+23]. **Heavy** [MS18, WFZ+23]. **Heel** [BAA+23]. **Helminths** [EFG+23, EFQ23].

Hematological [DCR+23, JKK24, SCCM23]. **Hematology** [HS18, RHU+23]. **Hemorrhagic** [QXAY22]. **Hepatic** [HLZ+22, YZH+24]. **Hepatopancreas** [HWX+23]. **Hepatopancreatic** [LJK+22]. **hepatopenaei** [HWX+23]. **Hepatorenal** [RIF+23]. **hepatus** [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]. **Hidden** [TCD+21]. **Hierarchical** [YJK23]. **HIF** [PLJ+23]. **HIF-1** [PLJ+23]. **High** [BEMC23, dSGBdF23, HJE+23, HLZ+22, LSL+24, MBAM19, MDVM+23, NDC+23, NYS+23, PLY+24, QL22, RCR+23, Tay19, TMD+19, WGW+23, XYL+23, SBG+24]. **High-Density** [NYS+23]. **High-Resolution** [BEMC23]. **High-Seas** [QL22]. **High-Temperature** [MDVM+23, PLY+24]. **Highland** [KYB+23]. **Hilsa** [FM21a]. **Hinders** [RLB+23]. **Hippocampus** [STZ+23, ZQLW23]. **hippurus** [Poi24]. **Histamine** [WHX+23]. **Histoarchitecture** [AEME+23]. **Histological** [SMH+24, SBP23]. **Histology** [HS18, PLY+24, SGG+21, TJTV+23]. **Histomorphology** [FMXQ23, SBS+23]. **Histone** [LLY+22]. **Histopathological** [EAJ+23]. **Histopathology** [CLL+23b, EES+23]. **Historical** [APD+23a, APD+23b, LBC+24]. **History** [SMO+23, SMH+22a, VH20, WTC+22, YE20]. **Hobbyists** [VM19]. **Holistic** [FCT19]. **Holocephali** [SQ23]. **Home** [HMVRFD19]. **Homeostasis** [WLN+23]. **Hong** [QWY+24]. **hongkongensis** [QWY+24]. **Hookline** [RJFCJC+21]. **Horizon** [HDW+23]. **Horizontal** [LCW23a]. **Hormonal** [PKV+22]. **Hormone** [CMP+23, CPJK23a, CPJK23b, KJ22, WCY+24, WSI+19]. **Hormones** [CBK+21]. **Horse** [MSA24]. **Host** [GMMNRS18, JKP+23, LHZ+23]. **Host-Associated** [JKP+23]. **Hosts** [PYP17]. **Hot** [XYT23]. **Hours** [RDI+21]. **Housefly** [HIO+19]. **HPG** [CZW+23]. **HSP** [FLR+22]. **Hsp47** [LWS+21]. **HSP60** [ZHF+22a]. **HSPs** [ZHF+22a]. **Huanghe** [WSD+23]. **Hubbs** [CSJ+23]. **Hucho** [LDX+23, WWY+23]. **Human** [LW18, RCL+23]. **Humoral** [SSSP21]. **Huron** [PKSN23a, PKSN23b]. **Husbandry** [PLV+19]. **Huso** [JCR+22, Kim23a, Kim23b]. **Hyalella** [BSH+23]. **Hybrid** [FHHC23, HAC+23, JCR+22, Kim23a, Kim23b, MMVVCJ+23, PYJ+23, SZZ+23, WFX+23, YGD+23, ZSL+23]. **hybridus** [MBL20]. **Hydrodynamic** [WXL+23]. **Hydrolagus** [SQ23]. **Hydrological** [dSCFQB+23]. **Hydrologically** [FWJ21, HBL+22]. **Hydrolysate** [SNK+23]. **Hydrolysates** [NdNFK+24b, NdNFK+24a]. **Hydrolysis** [MABÁMSM22]. **Hydropeaking** [WSA+23]. **hydrophila** [AEME+23, JLW+24, LCWH22, PYJ+23, PSN18, dCPRG+21, SSSP21, SNK+23, ZLSB22]. **Hydrophobic** [HIO+19]. **Hydropower** [BFLC19]. **Hypersaline** [DTS+17]. **Hypophthalmichthys** [MGS+23, PVY+21, RMA+18, ZLZL23, ZJC+22b]. **hypophthalmus** [VH20]. **Hypoxia** [PLJ+23, WLN+23, ZLZL23, ZZW+22].

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

[TJW+22]. **Ichthyofauna** [LKD22]. **Ichthyoplankton** [PWH+23]. **Ichthyoplanktonic** [AGC23]. **ictaluri** [YLW+23a]. **Ictalurus** [FHHC23, KBCM19, QXAY22]. **Idaho** [CTTW23]. **idella** [LWS+21]. **idellus** [WLL+22, ZSQ+21]. **Identification** [AAN22, CMP+23, CWW+23, 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, ZJJ+22]. **Identifies** [RWF+23]. **Identifying** [CLZ+24]. **IGF** [GRKC19]. **IGF1** [Web23]. **IGF2** [Web23]. **Iglésias** [KRAFO23]. **IgM** [ZLSB22]. **II** [FYL+23, GLY+23]. **IL-17** [WSZ+23]. **Illegal** [CXL23]. **illucens** [CSR22, FLB+21, LWT+24, NYS+23, YAEAB23]. **Illustrate** [PMFBI22]. **Image** [CCCFE18, JTS+24]. **Images** [JTS+24, PSP+22]. **Imbalance** [AZY+24]. **Immortalized** [CLJ+23]. **Immune** [AEME+23, CAC+17, CFCE20, CSV+19, CSSMV+23, EAE+23, GGL+23, GSHGE18, HLZ+22, JLW+24, LWZ+22, LCX+23, MHZ+23, MZA+23, NRÁGPM+18, PSO+19, RIF+23, RHU+23, SMO+22, SMH+24, SEA+23, VCC+18, VPP+22, WML+21, WLL+22, WBK+23, YMD+21, ZAM+23, ZHQ+23]. **Immune-Endocrine** [VCC+18]. **Immune-Related** [JLW+24, PSO+19]. **Immunity** [EES+23, GBT+24, HFEH+23, LCWH22, LDD+22, LWT+24, LHX+23, MZA+23, SSSP21, XLX+22, YZH+24, YHZ+23, Zac22, ZYG+23]. **Immunization** [PSN18]. **Immunoassay** [SLC+22]. **Immunohistochemical** [SMH+24]. **Immunological** [DCL+23a, HGSE23, SAC23]. **Immunoprotective** [GYH+23]. **Immunoregulation** [SCHT23]. **Impact** [AZY+24, BAA+23, DPGFL+22, EBH21, IBN+23, INCD23, JKK24, MFKS23, NKC+21, RIF+23, SRHCO23, SZSW21, VSH23]. **Impacts** [CBP+24, CS23, DLL+23, HJE+23, KFS23, LFH+23, MML22, NGMR23, ZSH+23]. **Impaired** [LMMC+22]. **Impairment** [BB23]. **Implementing** [SS23]. **Implication** [BFB+23]. **Implications** [AHLC19, APD+23a, APD+23b, BKBR+23, ENO21, FCT19, TPC+23, dlCRMB+22]. **Important** [BAP22, Gre17, RKHAMM22]. **Imprecise** [PWH+23]. **Improve** [BF16, NNN23, ZSQ+21]. **Improved** [HARB23a, HLZ+22, LWZ+23, MOW+18, WLZ+23, WYL23, YZH+24]. **Improvement** [GLX+23, JROHVH+23, MGS+23]. **Improves** [FDM+23b, MABÁMSM22, VH20]. **IMS** [PBS+22]. **IMTA** [CMC+24]. **In-Pond** [FHHC23]. **Inadequate** [PWH+23]. **Inclusion** [MVPMAV+22, MMVVCJ+23, RRM+20]. **Income** [MFKS23]. **Incomes** [WM22]. **Incorporating** [QL22]. **Incorporation** [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]. **Indices** [AGC23, CMC+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]. **Indonesia** [HWW+24a, MMSK21, MFKS23, NIN+19, SZSW21, WLM+20]. **Induce** [VMS+23]. **Induced** [AZY+24, CLL+23b, ERE21, LPF+23, SCSR22, WSI+19]. **Induces**

[BWKS20, MDVM+23]. **Inducible** [CAC+17]. **Induction** [JFP+18]. **Industrial** [ZWP+23]. **Industries** [AJF23]. **Industry** [EvSCB23, HMN+22, Ho22, XLP23]. **Infected** [CSSMV+23, GGL+23, SEA+23, ZZL+23]. **Infection** [AEME+23, EAE+23, EES+23, GYH+23, HWX+23, KJK+23, LTZ+22, PVY+21, VCC+18, VPP+22, WWW+24, WBK+23, YMD+21, YLX+22, ZHF+22a]. **Infections** [LCWH22]. **Infectivity** [LJK+22]. **Infestation** [PSO+19]. **Infestations** [IR22, MNO+22]. **Inflammatory** [WLW+23]. **Influence** [BCG+23, CdOCH+23, CHW21, DCR+23, DSC+19, JBK+23, MPM+21, MCSB+19, PLC+24, PJPMMV+22, PRPW23, SWUH23, SCSS23, SSK+22, WSA+23, YGD+23]. **Influenced** [RMA+18]. **Influences** [MWZ+23]. **Influencing** [RAR+18]. **Inform** [DOB+17]. **Informative** [NTP+21]. **Informing** [WWD+23]. **Infrastructures** [SGANM+24]. **Ingredient** [YAEAB23]. **Ingredients** [GHS20, MABÁMSM22, MBAM19, MLH+20, ZHHO23]. **Inhibited** [PSS+18]. **Inhibiting** [LWS+23a]. **Inhibitors** [SSK+22]. **Inhibitory** [DDN19]. **Inhibits** [LWS+23a, XCW+23]. **Initial** [LHX+23]. **Injection** [LLW+22]. **Innate** [LCWH22, YMD+21]. **Innovation** [LKJ22]. **Inorganic** [MMMNAG23]. **Insect** [HGC+23, RRM+20, SAB+22]. **Insects** [HMN+22]. **Insight** [GTC+17, LOBTL22, WTC+22]. **Insights** [HMN+22, LCW+23b, PMFBI22, Poi24, SDA23, Sus20, SAHS18, WLC+23, YWDP21, ZQL+23, ZSL+23, FDM+23a]. **instead** [WLL+22]. **Instream** [FÅG+23]. **Insular** [Tay19]. **Insurance** [WHM21]. **Integrated** [CdOCH+23, MBL20]. **Integrating** [GSK+21]. **Integrative** [LBC+24, dSSBdS23]. **Integrity** [ATEfA+21, SXQ+22]. **Intelligence** [CZCW23]. **Intelligent** [ILA22]. **Intensification** [VRKV24]. **Intensive** [WLZ+23]. **Inter** [ZJC+22a]. **Inter-Otolith** [ZJC+22a]. **Interaction** [MHZ+23, YJK23]. **Interactions** [CFLK21, EFQ23, VCC+18, Zac22]. **Interactive** [LSL+24]. **Interferon** [CWW+23, KJK+23]. **Intergeneric** [VMBT24]. **Intermediary** [FMBPC+23]. **International** [CXL23, PWCL23]. **Internationalization** [NRKT19]. **Intersected** [APS+21]. **Intersexuality** [DAF+22]. **Interspecific** [LZL+23]. **Intervention** [MTPK23]. **Intestinal** [CBCL23, DBP+20, DCL+23b, FLB+21, GMDMT+23, HWW+24b, HLZ+22, LCW+23b, LZH+23, MVPMAV+22, Näs18, NRÁGPM+18, PJPMMV+22, RCR+23, SJY+22, SNK+23, TU18, WLW+23, WHX+23, XLX+22, XRX+23, YGD+23, YLH+24, YHZ+23, ZWP+23]. **Intestine** [HSZ+22, SBS+23, XYL+23]. **Intraovarian** [UDG+19]. **Introducing** [XQLA18]. **Introduction** [EFQ23, GTC+17, SBT22, Sor21]. **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** [SMH+24, SNZ+23, WXL+23]. **Ionian** [LV23]. **Ionic** [Ord19]. **Ionoregulatory** [CLL+23b]. **IPS** [LSJ+23]. **Iran** [SKD+23]. **Iridovirus** [AVT18]. **Iridoviruses** [JJK21]. **Iron** [LSJ+23]. **Irradiated** [HGSE23]. **Irradiation** [LSY+23]. **Island** [EFG+23, KSAB+23, LZL+23, SQ23, SLL22]. **Islands** [FPRAT+23, JFP+18, CLL+22, CSSMV+23, LSJ24, TCB+24]. **Isolated**

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

Jack [BS23, FGHYCA23]. **Jackson** [PHB+23]. **Japan** [LOT+22]. **Japanese** [HXY+23, IKT19, MLK+19, MU21, SLYY23, YLW+23b, ZLZ+22]. **japonica** [JKP+23, MLK+19, SLYY23]. **japonicus** [CKMT23, CPJK23a, CPJK23b, FYL+23, HXY+23, KMSO18, SKK+23, YBL+22]. **Java** [MMSK21, ST17]. **Jaw** [TRM+23]. **Jeldes** [GLH+23]. **Jellyfish** [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, FÅG+23, GWH+22, GZF+22, HS18, IM24, KBCM19, KKFC+23, LHX+23, LWS+23b, Näs18, RJMVC+18, SBS+23, SCCM23, SBB+19, ULR+23, WLW+23, WLL+23, WHX+23, WSA+23, WSE+21, WWY+23, ZWZ22, ZYG+23, ZWP+23, ZJC+22a, dAdSCC+23, CLL23a]. **Juveniles** [AASQPU+23, BKBR+23, FDM+23b, GRKC19, INCD23, LXT+22, MJL+24, MdM+23, MMVVCJ+23, MLH+20, NRÁGPM+18, VPP+22, WLZ+22b].

kanagurta [JTS+24]. **Kariba** [SNZ+23]. **Karun** [SKD+23]. **Katsuwonus** [NIN+19]. **Kelly** [PKSN23a]. **Kenai** [FCT19]. **kenojei** [YCR+23]. **Kessler** [KZC+24]. **keta** [WLL+23]. **Key** [CZW+23]. **Keypoint** [NLTL23]. **Kidney** [JLW+24, MPM+18, SMO+22]. **Killed** [LDD+22]. **Kim** [Kim23a]. **Kin** [Tri23]. **Kinase** [BB23]. **Kingfish** [DBP+20]. **kisutch** [ZYG+23]. **Knowledge** [KSAB+23, PLV+19]. **Known** [HDW+23]. **Koi** [LWT+24, SLC+22, LWT+24]. **Kokanee** [SBT22]. **Kong** [QWY+24]. **Korea** [AMK23, JJK21, JKK+20, KKPY22, LPK+23b, YCR+23, YJK23]. **Korean** [SKK+23]. **Korill** [NDC+23]. **Kovacić** [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, CFCE20, FDM+23b, NZVB20, RRM+20, RSA17, SAB+22, VPP+22]. **labrosus** [GMCF+22]. **Lactobacillus** [GCFA+22]. **lactuca** [CdOCH+23]. **Lagocephalus** [CBP+24]. **Lagoon** [AHK+23, AIŠRB22, dRCCLRNRWK21, KKB20, ISA+22]. **Lagoons** [EFG+23, XQLA18]. **Lake** [LXT+22, PVY+21, RJR+22, SGAC20, SMH+22a, VF23, XJC+22, YWDP21, BWKS20, JSSD23, KAB+20, MTPK23, NGMR23, OOGAS23, SAL18, SNZ+23, SVMLP23, WFZ+24, YAS21]. **Lakes** [CH23, SB20, PKSN23a, PKSN23b]. **lalandi** [DBP+20, TRM+23]. **Lamniformes** [VV23]. **Lamprey** [KSO+23, RH19, YAS21]. **lanceolatus** [HAC+23, SZZ+23, YGD+23]. **Land** [LUM18, NGMR23, PNW+22]. **Landings** [RLAE23]. **Landscape** [LUM18]. **Lanka** [JSLE23]. **lanzhouensis** [YZL+23]. **Large** [BFLC19, BSB+23, CTY+21, LTZ+22, SBT22, VKP+24, YWDP21].

Largehead [FYL+23, SKK+23]. **Largemouth** [KKPY22, SJY+22, SHW+23, XYL+23, XXL+22, ZZY+23]. **Larger** [SCSS23]. **Largest** [WFZ+24]. **Larvae** [AJF+22, BKBR+23, CSR22, CFP+23, CCFP19, DMT+19, DDN19, FQÁGTR+17, HIO+19, JKP+23, LWT+24, MVPMAV+22, Mil23, NYS+23, PJPMMV+22, RMSPMC+22, SdSdOSSL23, ŠT19, TRM+23, YAEAB23, Mil23]. **Larval** [BAA+19, CZC23, CHH+23, GP17, GWH+22, MMMNAG23, NYS+23, PSN18, PLV+19, PFM+20, Poi24, WSL+23, 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]. **Latvian** [KAR+23]. **lavaretus** [LLKKV20]. **Lawrence** [BMTR23]. **lazera** [AAAF+21]. **LBB** [SLS+22]. **LC** [FYL+23]. **LC-MS** [FYL+23]. **LCDV** [CSB+20]. **Leads** [FM21a]. **Leaf** [HFEH+23]. **Learned** [Sus20]. **Learning** [BEF+23, HARB23a, ILA22, JTS+24, SZT+23, XLC+24]. **Learning-Based** [XLC+24]. **Leaves** [CXW+23]. **Lecithin** [BRB+23, RGVG19]. **Lectin** [CSF+23]. **Legal** [CXL23, XLP23]. **Legislative** [SKSL23]. **lemuru** [SZSW21]. **Length** [BLA+22, CVANRD+21, KZC+24, KSWT22, LFH+23, SGAC20, SLS+22]. **Length-Based** [BLA+22, KSWT22, SLS+22]. **lentillifera** [LMNN21]. **Lentinus** [XYL+23]. **leonina** [KLD+23]. **Lepeophtheirus** [CG20, IR22, IBN+23]. **Leptin** [CZW+23]. **Leptocephali** [Mil23]. **Lessons** [OOGAS23, QWR+23, Sus20, YWDP21]. **Lethal** [LMB+23]. **Lethrinus** [MOW+18]. **Lettuce** [CdOCH+23, SAB+22]. **Leuciscus** [ZLW+23]. **Level** [ATEfA+21, BAA+23]. **Levels** [ASM+22, IM24, MLK+19, MFKS23, NZVB20, SBS+23, SNK+23]. **Liaohe** [ZGY+23]. **Lice** [IBN+23, PSO+19]. **Life** [CTY+21, CMP+20, CS23, DQC+23, JROHVH+23, PMFBI22, QAC23, SMO+23, SMH+22a, VH20, YE20, ZMLFS+20]. **Life-Long** [QAC23]. **Light** [CFCE20, FÅG+23, GRO+17, KBCM19]. **Lightweight** [WYL23]. **like** [YSG+23]. **Limit** [MDLA22, Tri23, ZZW+22]. **Limitations** [Liu24]. **Limited** [SKT23]. **Limiting** [ŢPN+23]. **Limonene** [dSJC+21]. **Lindseth** [LL18a]. **Line** [CLJ+23, DCL+23b]. **Linear** [EM23]. **Lines** [CSGE23]. **Linnaeus** [CG20, DCR+23, DMA22, FDM+23a, FWJ21, KYB+23, OGMG+17, SAL18, WBK+23, ZJC+22a]. **Linneaus** [MSRGCG+23]. **Lionfish** [BEG+23]. **Lipid** [ASM+22, BRB+23, CXW+23, DL23, DSC+23, EPKV17, GRKC19, LHX+23, RWF+23, RGVG19, WGRM+19, WSD+23, XCW+23, YGD+23, ZSZ+23]. **Lipids** [MKN+16, MNP+16, SNSG+19]. **Lipopolysaccharide** [SOW+23, ZHF+22a]. **Lipped** [GMCF+22]. **Liquid** [JSLE23]. **Literature** [AHLC19, CG20, CS23, DDG+22, GSK+21, WWD+23]. **Lithobates** [MTHPJS+23]. **Lithuanian** [AIŠRB22, ISA+22]. **Litopenaeus** [CdOCH+23, EAE+23, HSAF+23, LXW+24, LSL+24, LMNN21, SCHT23, SEA+23, WPLK23, YHZ+23, ZLL+23, ZWD+23]. **Live** [DDN19, DZC+22, VH20]. **Livelihoods** [SRHCO23]. **Liver** [CZW+23, CBK+21, FMBPC+23, MMVVCJ+23, MTHPJS+23, MKN+16, SBS+23, SNK+23, WLL+22, XYL+23, ZJM+23, ZZY+23]. **Livestock** [GMRJ22, NLTL23]. **lividus** [SSSP21]. **Loach** [ZSL+23]. **Loaches** [FŠS+23, GWH+22]. **Lobster** [MMSK21]. **Local** [dSCFQB+23, HLK+23, KAB+23, KYB+23, MLH+20]. **Localization** [ZAM+23]. **Locally** [EMFZ+18]. **Lock** [ZS21]. **Locks** [ZS21]. **Locks-and-Dams** [ZS21]. **Locomotor** [OGMG+17]. **Logistic** [RDANPA+24]. **Loins** [EA18]. **Long**

[BPCC23, CTY+21, DLL+23, KJ22, KBB+21, Näs18, PH23, QAC23, SXQ+22, TRM+23]. **Long-Chain** [TRM+23]. **Long-Short-Term** [CTY+21]. **Long-Term** [BPCC23, DLL+23, KJ22, KBB+21, Näs18, PH23, SXQ+22]. **Longer** [SAL19]. **Longfin** [AASQPU+23, MLK+19]. **longicrura** [KMB18]. **Longline** [WXL+23]. **Longliners** [LSJ24]. **Lophiosilurus** [SdSdOSSL23]. **Loricariidae** [HVRCG18]. **Loss** [LWZ+23, LSY+23]. **Loss-of-Function** [LSY+23]. **Losses** [TVL21]. **Louse** [CG20]. **Low** [DRH18, HMP+24, HWW+24b, MD21, TMD+19]. **Low-Cost** [DRH18]. **Low-Temperature** [HWW+24b]. **Lower** [SLDC23, dSCFQB+23, LHG+23]. **LPS** [SOW+23, WSZ+23, ZHF+22a]. **lucerna** [FDM+23a]. **lucidus** [XZZ+24]. **lucioperca** [BKBR+23]. **lucius** [FWJ21]. **Lumpfish** [CMP+23, IR22]. **lumpus** [CMP+23, IR22]. **Lutjanus** [CVANRD+21, LGZ+23]. **Lutraria** [LXZ+22]. **luxR** [ZHQ+23]. **Lymphocytes** [RSA17]. **Lymphoid** [RSA17, SMO+22].

M [Gae17]. **M74** [VKP+24]. **macdonaldi** [CBCMRD+23]. **Mackerel** [BS23, CKMT23, CPJK23a, CPJK23b, FGHYCA23, MSA24, NNN23]. **maclovinus** [MPM+18]. **Maclura** [dCPRG+21]. **Macroalgae** [YZH+24]. **Macrobrachium** [LSJ+23, XRX+23, ZCT+23]. **Macrocallista** [PSW+23]. **Macronutrient** [MMY+17]. **Macroparasite** [EFG+23]. **Macrophage** [LWS+23a, ZAM+23]. **Macrophages** [ZAM+23]. **macropomum** [dAPAA+24, SBS+23]. **Macroscopical** [BWKS20]. **Macrourus** [XSZ+23]. **mactroides** [GGP+23]. **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, PLY+24, QAC23, SLY+21, YMD+21, FHHC23, JCR+22, PYJ+23, SZZ+23, YGD+23]. **male-sign** [FHHC23]. **Male-Specific** [CMP+23]. **Malformations** [BWKS20, TRM+23]. **Malmquist** [ZLF23]. **Manage** [dSSBdS23]. **Management** [APD+23a, APD+23b, DOB+17, DMB+20, KAB+20, LXW+24, MTPK23, PMFBI22, QL22, SKT23, SKSL23, SS23, TOB+23, YSY+23]. **Manager** [TOB+23]. **Mandarin** [LMLH22]. **Mangrove** [QWR+23]. **Manila** [GWH21]. **Manipulation** [GRO+17]. **Mannan** [MVPMAV+22]. **Mannan-Oligosaccharides** [MVPMAV+22]. **Manta** [LCW23a]. **Manual** [VPPF+19]. **Manure** [RDG+20]. **MAPK** [RWF+23]. **Mapping** [CHJ+23, ISA+22]. **Marbled** [WYG+23]. **Margate** [BPO19]. **marginatus** [AGA+21]. **Marine** [CSGE23, CWMX21, DPGFL+22, FDM+23a, HLK+23, Ho22, JLT22, LPF+23, LKJ22, LJP+22, LW18, Mil23, MMAO22, MMD+23, MFKS23, PKY+23, RDANPA+24, RGVG19, SKSL23]. **marinus** [OJC+23]. **marisalbi** [MNP+16]. **Maritime** [BBF22, CXL23]. **Mark** [Tri23, ZJC+22b]. **Marker** [LMLH22]. **Markers** [ARH+23, BAA+19, SdSdOSSL23, WLZ+22a, ZLL+23]. **Market** [IFA+23]. **Marketplace** [BFP+23]. **Marking** [GZF+22]. **Markings** [ZJC+22a]. **Marshall** [LSJ24]. **Marshes** [GTC+17]. **Marteilia** [LPF+23]. **Mask** [PWH+23]. **Mass** [JSLE23, Näs18, STZ+23]. **Mass-Scale** [STZ+23]. **Materials** [DBP+20, DQC+23, TJTV+23]. **Mating** [QAC23]. **Maturation** [EMFZ+18, FHF23, IM24, Web23, ZQLW23]. **Maturing** [MLK+19, vKRNL+19]. **Maturity** [EBRS23, SKK+23]. **max**

[EPKV17]. **maximus** [CWMX21, LWG+23, LLW+22, TMPP23, WBK+23]. **May** [ZZW+22]. **Mayotte** [SQ23]. **Meagre** [DDN19, GSHGE18, NTP+21, RJMVC+18, RJTVC+19, TPC+23, VMDV+22, VPPF+19]. **Meal** [ATEfA+21, BCG+23, CSR22, EPKV17, FLB+21, HGC+23, HIO+19, HMP+24, LWT+24, NdNFK+24b, NdNFK+24a, NYS+23, RRM+20, SCSR22, SAB+22, TMD+19, ULR+23, WGRM+19, WLW+23, XYC+22, XYC+23, ZYG+23]. **Meal-Induced** [SCSR22]. **Means** [Gae16, Gae17]. **Measure** [Liu24]. **Measurement** [NZVB20]. **Measurements** [BEMC23]. **Measures** [MDF+23, MML22]. **Measuring** [MOW+18]. **Meat** [CXW+23, LVB+20]. **Mechanism** [LKU21, WWW+24, ZSL+23, ZJM+23]. **Mechanisms** [ZZ24]. **Medaka** [MU21]. **Media** [ŠT19]. **Mediated** [SFP17, XWR+23]. **Mediates** [WLT23]. **Medicago** [CWP+21]. **Mediterranean** [AA23, BFB+23, DAF+22, FPRAT+23, GSK+21, MMD+23, RKS+24, SML+23a, VV23, AGE+18, DCL+23a, EFG+23, HMVRFD19, LUM18, MLSC+23, RDI+21, RDE+23]. **medits** [KRAFO23]. **Medium** [YHZ+23]. **Medium-Sized** [YHZ+23]. **megalops** [USRDFO+22]. **Meglumine** [MSK+21]. **Mekong** [TVL21]. **Melanocortin** [KEA+23]. **Melanocortin-4** [KEA+23]. **melanopterus** [PKV+22]. **melanostomus** [Ang18, KAR+23]. **melas** [SMH+22a]. **melastomus** [BMMD22, DAF+22]. **meleagris** [EEdCSOPJ+23]. **Meloxicam** [MSK+21]. **Member** [OMC+19]. **Members** [WSZ+23]. **membranaceus** [PYJ+23, XCW+23]. **Memory** [CTY+21]. **Mentha** [dAdSCC+23]. **Mercenaria** [GWH21]. **Mercury** [MMMNAG23]. **Meretrix** [FCB+21, JXW+23]. **Meristics** [GP17]. **Merluccius** [AGC23]. **Mesanophrys** [ZZL+23]. **Mesh** [CGY+23, YSY+23]. **Mesocosms** [NHR20]. **Mesophotic** [HZS+21]. **Mesopredator** [LOBTL22]. **Metabarcoding** [AMK23, WFZ+24]. **Metabolic** [FYL+23, HSZ+22, Kim23a, Kim23b, LLS+23, MMVVCJ+23, dAPAA+24]. **Metabolism** [ASM+22, FMBPC+23, GMBR+21, HLZ+22, LCWH22, RWF+23, RJTVC+19, SdSdOSSL23, SZF+21, WSD+23, WLT23, YGD+23]. **Metabolites** [ITG+18, MTM+19, TPC+23, YBL+22]. **Metabolome** [TMM+18]. **Metabolomic** [FYL+23, HWX+23]. **Metabolomics** [HWW+24b, WGRM+19]. **Metabonomic** [LSJ+23]. **Metal** [WFZ+23]. **Metals** [dRCCLRNRWK21, MS18, RKS+24]. **Metamorphosis** [XWW+24]. **Metazoan** [SVMLP23]. **Metformin** [SAGG+23]. **Methanesulfonate** [CWMX21]. **Method** [AIŠRB22, ILA22, KLD+23, LOBTL22, LLW+22, SLS+22, WMZ+22]. **Methods** [BLA+22, CG20, KSWT22, RMA+18]. **methylisoborneol** [LLKKV20]. **Métier** [LV23]. **Mexico** [APAHBMAG23, SWS22, USRDFO+22]. **mg** [ZJC+22b]. **mg/L** [ZJC+22b]. **Michigan** [JSSD23, PKSN23a, PKSN23b]. **Micro** [EBCM24]. **Micro-** [EBCM24]. **Microalgae** [GMDMT+23]. **Microalgae-Supplemented** [GMDMT+23]. **Microalgal** [DÁ23, PSW+23]. **Microbes** [HWW+24b, XRX+23]. **Microbial** [HSZ+22, HXS+23, NWN+22, WGRM+19, YLH+24]. **Microbiological** [HKS+18, MAR+18, RMA+18, SUL+23]. **Microbiome** [CBCL23]. **Microbiomes** [HJE+23]. **Microbiota** [DBP+20, GMCF+22, GMDMT+23, LHZ+23, LCW+23b, RCR+23, WLZ+22b, XLX+22, XYC+22, XYC+23, YLW+23a, YBL+22, YHZ+23]. **Microchemistry** [FDM+23a, FJL+23, WTC+22]. **Microencapsulation** [CBCL23]. **Microflora** [WLW+23]. **microphthalmum**

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

[BMMD22]. **Mucus** [ERE21, GBT+24, ITG+18, LS19, RTBL+18, TMD+19, WML+21]. **Mud** [RWF+23, ZZL+23]. **Mugil** [ATEfA+21, EES+23, GL23, GMDMT+23, MABÁMSM22, MBAM19]. **Mugilids** [SFP17]. **Mullerian** [CMP+23]. **Mullet** [ATEfA+21, EES+23]. **Mullets** [GMCF+22]. **Multi** [CKMT23, CGY+23, JSLE23, LUM18, WMZ+22, WWW+24, XJC+22]. **Multi-Class** [JSLE23]. **Multi-Mesh** [CGY+23]. **Multi-Mineral** [XJC+22]. **Multi-Model** [CKMT23]. **Multi-Omics** [WWW+24]. **Multi-Parameter** [WMZ+22]. **Multi-Use** [LUM18]. **Multidisciplinary** [SCSR22]. **Multilinear** [KAB+23]. **Multiple** [DSC+23, KCCK23, LFH+23, vSRB+18]. **Multiplex** [KLD+23, VMDV+22]. **Multispecies** [RDG+20]. **muricatum** [TCD+21]. **murphyi** [BS23, FGHYCA23]. **Musca** [HIO+19]. **Muscle** [BMSGS+18, DZC+22, FMBPC+23, GRKC19, MTM+19, MDVM+23, WYG+23, ZSQ+21]. **Mussel** [CLL+23b, MJL+24, WGRM+19]. **Mussels** [LPF+23]. **mutica** [SFP17]. **Muxama** [EA18]. **Mycobacteriosis** [HXY+23]. **Myeloid** [SMO+22]. **mykiss** [CBK+21, CSV+19, DSC+23, HS18, LUM18, LLKKV20, PLC+24, SMO+22, SCSR22, VAT+23, Web23, YZH+24, vSRB+18]. **Myocarditis** [CLJ+23]. **Mystery** [KMS+17]. **Mystus** [MAR+18]. **Mytella** [ZZZ+23]. **Mytilus** [LPF+23, MYY+23, WFL+23].

n [CSJ+23, BFM23]. **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, MGS+23, ZLX+23]. **Naturally** [MLK+19, SEA+23]. **Nauplii** [SdSdOSSL23]. **near** [LSJ24]. **Necrosis** [LJK+22]. **Nectandra** [SBS+23]. **Needed** [Sha19]. **Negligible** [TMM+18]. **Nematode** [DCL+23b]. **Nemipterus** [AA23]. **Neogobius** [Ang18, KAR+23]. **Neolamprologus** [JHNF24]. **NEON** [MWPS23, MWPS24]. **Neophocaena** [CYL+23, FLX+22]. **Neotropical** [dSSBdS23]. **Neotropics** [PCO+23]. **Nephrotoxicity** [AZY+24]. **Neptunea** [ZZT+23]. **Net** [CBP+24, MFKS23]. **Nets** [CGY+23, WYL23]. **Network** [MWPS23, MWPS24, WLZ+23, WYL23]. **Networks** [AAN22, CTY+21]. **Neural** [AAN22, CTY+21, CMP+20]. **Neuro** [MHZ+23]. **Neuro-Immune** [MHZ+23]. **Neuroimmune** [Zac22]. **Neutral** [MLZ+21]. **Newly** [FGR19]. **News** [SMM+18]. **Next** [HZG+21]. **Next-Generation** [HZG+21]. **Niche** [LZL+23, YYW+23]. **Nichols** [FGHYCA23]. **Nicobar** [KSAB+23]. **Nile** [AHK+23, BRB+23, CLJ+23, DCR+23, dSGBdF23, dFBdSG+19, GCFA+22, 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]. **NLRC3** [YSG+23]. **NLRC3-like** [YSG+23]. **NMR** [WGRM+19]. **NMR-Based** [WGRM+19]. **No** [BEF+23, Näs18, PKC+19, SAL19]. **Non** [AGE+18, EM23, GTC+17, LMB+23, LYL+23, LOBTL22, LCX+23, ŠT19, UH19, ZHHO23]. **Non-Conventional** [ZHHO23]. **Non-Destructive** [LOBTL22]. **Non-Dose-Dependent** [LYL+23]. **Non-Indigenous** [GTC+17]. **Non-Linear** [EM23]. **Non-Native** [AGE+18, LMB+23, UH19]. **Non-Specific** [LCX+23]. **Non-Thermal** [ŠT19]. **Nonspecific** [LWZ+22]. **Nonstationary** [HMX+21]. **Norepinephrine** [LKU21]. **North** [HMX+21, SMH+22a, GP17, STZ+23, WWD+23]. **Northeast** [WLL+23]. **Northeastern** [HKS+18, AA23, SNSVFL23]. **Northern** [AGC23, AAN22, LOBTL22, YWL+24, ZQLW23]. **Northumberland** [EBRS23]. **Northwest** [KMB18, CKMT23, FYH+23, SHT+23, SKF+23]. **Northwestern** [HMX+21]. **Norwegian** [AJF23]. **Nose** [PBS+22]. **Note** [RE21]. **Notes** [KKB20, Näs18]. **Notothenioid** [MPM+18]. **novacula** [CSSMV+23]. **Novel** [CSF+23, Dul23, NWN+22, NWN+23, OMC+19, ZSL+23]. **Novo** [ZSL+23]. **NP** [EBCM24]. **NPUST1** [LCWH22]. **nrDNA** [GWH21]. **Nuclear** [CZC+22]. **Nucleobase** [OMC+19]. **Nucleobase-Ascorbate** [OMC+19]. **Nucleotides** [SCHT23]. **nudiventris** [HCZ+23]. **nudus** [LCW+23b]. **Numeric** [ZS21]. **Nursery** [FJL+23, Gre17, NdNFK+24a, NYS+23]. **Nusa** [HWW+24a]. **Nutrient** [GZX+22, LCWH22, NSK+23, YYH+24]. **Nutrients** [DDG+22, MdM+23, YBL+22]. **Nutrition** [DZC+22, HGC+23, MLZ+21, jMlL23, Pao23, PLV+19, ZZC+22]. **Nutritional** [MABÁMSM22, MBAM19, Moy18, PNW+22, RRM+20]. **Nutritive** [TJTV+23]. **NW** [KKB20].

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

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

P [LL18a, JCR+22, JK24, NZVB20]. **P-Glycoprotein** [JK24]. **Pabda** [SNK+23]. **Pacific** [FYH+23, FGHYCA23, KBK+23, KSWT22, LL22, SS23, SHT+23, SKF+23, YYW+23, BS23, CKMT23, CdOCH+23, CSJ+23, EAE+23, HMX+21, HSAF+23, HMP+24, KSO+23, LZZ+22, LSL+24, SCHT23, SRHCO23, SHT+23, SKF+23, Tay19, TBPJ23, WGW+23, ZWD+23]. **Pacific-Wide** [LZZ+22]. **Packaging** [DQC+23, SUL+23]. **Paenibacillus** [LCWH22]. **Pagellus** [RJFCJC+21]. **Pagrus** [BF16, HIO+19, KJK+23]. **pagurus** [EBRS23]. **PAHs** [SUL+23]. **Palabuhanratu** [MMSK21]. **Palaemon** [HWX+23]. **Palizada** [dRCCLRNRWK21]. **pallasi** [MNP+16]. **Palliative** [RIF+23]. **Palm** [RCR+23]. **Pampus** [ZSZ+23]. **Panel** [CHW21, VMDV+22]. **Pangasianodon** [VH20]. **Pangasius** [VH20]. **Papapouli** [KKB20]. **Para** [SFP17]. **Paradigm** [JHNF24]. **Paragalene** [KMB18]. **parahaemolyticus** [FLR+22, LJK+22]. **Paralarval** [GRO+17]. **Paralichthyidae** [LPK+23b]. **Paralichthys** [JKK+20, YLW+23b, YSY+23]. **Parallel** [SML+23a]. **paramamosain** [RWF+23, ZZL+23]. **Parameter** [HARB23b, WMZ+22]. **Parameters** [AHK+23, CSV+19, CBANCM+21, DRFCL23, DCR+23, EHGS23, EAJ+23,

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

Phylogenetical [PYP17]. **Phylogeny** [CASMK23]. **Phylogeographic** [VV23]. **Phylogeography** [WFL+23]. **Physical** [WLW+23]. **Physical-Barrier-Related** [WLW+23]. **Physicochemical** [GLX+23, MAR+18, SUL+23, WDL+23]. **Physiological** [CPJK23a, CPJK23b, DCL+23a, JXW+23, dAPAA+24, RJFCJC+21, ZSZSS+22, vSRB+18]. **Physiology** [BAS+19, LSL+24, jMlL23, PFM+20, SDA23, WWD+23, ZSH+23]. **Phytoplankton** [LSS+22]. **Pieter** [Gae17]. **Pigmentation** [GP17, IBN+23]. **Pike** [Ols19]. **Pikeperch** [BKBR+23, CCFP19, Ols19]. **pilchardus** [BFB+23, MKN+16]. **Pilot** [BMSGS+18, LXT+22, RJMVC+18, ZJC+22b]. **Pimephales** [LMC21]. **pingi** [WLZ+22b]. **pinnata** [DRH18]. **piperita** [dAdSCC+23]. **Pisces** [FGHYCA23, KMS+17, LDBL19]. **Piscidin** [ZAM+23]. **Piscine** [TBPJ23]. **Piscivores** [VF23]. **Piscivorous** [Gre17]. **Pituitaries** [vKRNL+19]. **Pituitary** [CPJK23a, CPJK23b, LWL+23, SNSG+19]. **Pitx** [AHJ+23]. **Place** [RE21]. **Plagioscion** [dAMPS+23]. **Plaice** [BAS+19]. **Plain** [VLCCA+23]. **Plains** [FLFF23]. **Plant** [BCG+23, BSGMC+22, LMC21, MABÁMSM22, MBAM19, XYL+23]. **Plant-Based** [BCG+23]. **plantarum** [GCFA+22]. **Plasma** [CBK+21, JKK24, PBS+22, TPC+23, TMM+18, dAdSCC+23]. **Plasticity** [vSRB+18]. **platessa** [BAS+19]. **Platform** [PSP+22]. **Platichthys** [JKK24]. **plecoglossicida** [SZZ+23, ZHQ+23]. **Pleopod** [YYH+24]. **Pleuronectes** [BAS+19]. **Pleuronectiformes** [LPK+23b]. **Poecilia** [GBT+24, BEF+23]. **Poeciliidae** [UDG+19]. **Points** [BLA+22]. **Polar** [YHH+20]. **Polarization** [ZAM+23]. **Policy** [And23, FCT19, WHM21, XQLA18]. **Pollutants** [DDD+23, Dul23, EM23]. **Poly** [WSZ+23]. **Polyascus** [YMD+21]. **Polychaete** [GLH+23]. **Polyculture** [GZX+22, GSH+24, HSAF+23, LMNN21, NSK+23]. **Polymerase** [CMP+23, KLD+23]. **Polyphenol** [SFK+23]. **Polyphenol-Based** [SFK+23]. **Polyprion** [PPAB+18, PLV+19, WSI+19, WSS+19]. **Polysaccharide** [MNO+22]. **Polysaccharides** [LZH+23]. **Polystyrene** [AZY+24, CFP+23, EBCM24]. **Pomacea** [GMRJ22]. **Pomacentridae** [LDBL19]. **Pomfret** [BLA+22, ZSZ+23]. **Pompano** [GGL+23, WLW+23]. **Pond** [FHHC23, GZX+22, GSH+24]. **Ponds** [DCR+23, GLX+23]. **Ponics** [SAB+22]. **Pool** [HZG+21, PAMG19]. **Poor** [DOB+17]. **Poplar** [RIF+23]. **Population** [ARH+23, AGC23, CTTW23, CH23, CLL+22, FGHYCA23, GFDPSR22, HCWH20, HHL+20, HCZ+23, KBK+23, KAR+23, LCW23a, LDW+21, LOT+22, MDLA22, NTP+21, WLZ+22a, YE20, ZGY+23]. **Populations** [AWCS23, APD+23a, APD+23b, HSZ+22, SML+23a, WWD+23, ZAM+23, ZZZ+23]. **porcus** [SSSS23]. **Porgy** [MMY+17, ZJM+23]. **Porphyra** [LZH+23]. **Porpoise** [FLX+22, LCZ+23]. **Porpoises** [CYL+23]. **Port** [PHB+23]. **Portugal** [Fra23, BSR+20, XQLA18]. **Portuguese** [RLAE23]. **Portunidae** [KKB20]. **Portunus** [LWS+23b]. **portusjacksoni** [PHB+23]. **Pose** [LJX+21]. **Poses** [AA23]. **Position** [LPK+23a, LLW+22]. **Positive** [DDN19, FCF19]. **Possession** [MFKS23]. **Possible** [AGE+18, Dul23, YAEAB23]. **Post** [BCG+23, NYS+23, Poi24, RDI+21]. **Post-Collection** [RDI+21]. **Post-Larval** [NYS+23, Poi24]. **Post-Smolt** [BCG+23]. **Postbiotic** [QPDGF+23]. **Pot** [STZ+23, ZQLW23]. **Pot-Bellied** [STZ+23, ZQLW23]. **Potassium** [BF16, CHZ+24, WSE+21]. **Potato** [FQÁGTR+17]. **Potential** [AA23, AAN22, BSR+20, CSF+23, DCR+23, DPGFL+22,

EAE+23, EES+23, EEdCSOPJ+23, FJL+23, GMDMT+23, GTSG18, HDW+23, JLT22, JLW+24, LWG+23, LCWH22, LW18, MHZ+23, MMSK21, NKC+21, NWN+21, NWN+22, RLAE23, SKF+23, TCB+24, VSH23, YZL+23]. **Powder** [AEME+23]. **Power** [PNW+22]. **Practical** [CSR22, NYS+23]. **Practices** [LLTM17]. **Prawn** [LSJ+23, NSK+23, VRKV24]. **Prawns** [XRX+23]. **Praziquantel** [IKT19]. **Pre** [HARB23b, SGG+21]. **Pre-Processed** [SGG+21]. **Pre-Selection** [HARB23b]. **Precise** [NLTL23]. **Precision** [LWZ+23, Tri23]. **Predator** [AWCS23, 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]. **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, CCFP19, LLY+24]. **Proanthocyanidins** [WHX+23]. **Probiotic** [CBCL23, HXS+23, LCWH22, WBK+23]. **Probiotics** [GCFA+22, JE18, NKC+21, SAC23, SMH+22b]. **Problems** [OOGAS23]. **Procedures** [ZWD+23]. **Process** [FYL+23, GGL+23, WMD+24]. **Processed** [SUL+23, SGG+21]. **Processing** [EA18, NWN+21, NWN+22, ŠT19, ZWD+23]. **Prochilodus** [MMMNAG23]. **Prodigiosin** [NWN+21, NWN+23]. **Produced** [VAT+23]. **Product** [NDC+23, NWN+22, QPDGF+23, SBB+19]. **Production** [FHHC23, IFA+23, LCX+23, MdM+23, NWN+22, NWN+23, PSW+23, RDG+20, WM22]. **Productive** [AAAF+21]. **Productivity** [FM21a, HPJ+23]. **Products** [AAAF+21, ZWD+23]. **Proenkephalin** [LMLH22]. **Profile** [ASM+22, HZL+22, PBS+22, PSW+23, RGVG19]. **Profiles** [DCR+23, GLY+23, SKL+23, XJC+22]. **Profiling** [FYL+23, GGF+22, HZZ+23, JCY+23, MKC+22, QPDGF+23, SML+23a, SMH+24, ZLW+23]. **Profit** [SKL+23]. **Profitability** [AHK+23]. **Progeryonidae** [KMB18]. **Program** [BPCC23, BGT+20, KBB+21, VM19]. **Progress** [HZZ+23]. **prolifera** [YLW+23b, ZWD+23]. **Prolonged** [dAPAA+24]. **promelas** [LMC21]. **Promise** [PLV+19]. **Promising** [CLJ+23, CBCL23, LJR+24]. **Promote** [BGT+20, LWT+24]. **Promotes** [BRB+23]. **Promoting** [JBdFS+22]. **Prompts** [Ord19]. **Propagule** [HDW+23]. **Properties** [BMSGS+18, GLX+23, INCD23, MAR+18, MKN+16, RMA+18]. **Propionate** [SSSP21]. **Proposal** [CSJ+23]. **Proposed** [BBCJ23, OOGAS23]. **Prospective** [BAA+23]. **Prospects** [LDW+21, SS23]. **Prostaglandins** [SRL+19]. **Protease** [DDN19]. **Proteases** [MCÁGHA+17, TDN+22]. **Protected** [JLT22]. **Protection** [CL21, TTT23]. **Protective** [AASQPU+23, NDC+23]. **Protects** [HWW+24b]. **Protein** [BSGMC+22, CWP+21, DSC+23, Eny17, EPKV17, HLZ+22, NdNFK+24b, NdNFK+24a, QWY+24, SdSdOSSL23, SNK+23, XYL+23, YHZ+23, ZHF+22a]. **Protein/Carbohydrate** [BSGMC+22]. **Proteins** [CZW+23, LS19]. **Proteomic** [YMD+21]. **Protogyny** [MPK+23]. **Protosalanx** [TJW+22]. **Prototype** [EEE21]. **Proven** [LWT+24]. **Provide**

[DCL+23b, WTC+22]. **Provides** [CYL+23, WLC+23, ZSL+23]. **Province** [MFKS23, XZZ+24]. **Provincial** [CHW21]. **Proximate** [RGVG19]. **PRV** [TBPJ23]. **PRV-1** [TBPJ23]. **Prymnesium** [BAS+19, SAHS18]. **przewalskii** [ZZ24]. **Przybyla** [PKSN23a]. **Przybyla-Kelly** [PKSN23a]. **PS** [EBCM24]. **Pseudecheneis** [LHG+23]. **Pseudobagrus** [PYJ+23]. **Pseudocaranx** [MNO+22]. **Pseudochromis** [CZC23]. **Pseudogobionini** [CZL23]. **Pseudomonas** [AEME+23, SZZ+23, ZHQ+23]. **Pseudoplatystoma** [JSRE+24, PCO+23]. **Pseudopleuronectes** [BFM23]. **Pseudorhombus** [LPK+23b]. **Pseudosciaena** [CTY+21]. **Psychrobacter** [WBK+23]. **Pterioidea** [ZQL+23]. **Pteriomorphia** [ZQL+23]. **Pteroplatytrygon** [WGW+23]. **Pterygoplichthys** [HVRCG18]. **Puerto** [QWR+23]. **PUFA** [TRM+23]. **Puffer** [SLY+21]. **Pufferfish** [KMS+17]. **Puget** [SOT+23]. **pulcher** [JHNF24]. **punctata** [KLD+23]. **punctatus** [FHHC23, KBCM19, QXAY22]. **Puntius** [HHM+18, HKS+18]. **Pupfish** [AWCS23]. **Purpleback** [CLL+22]. **purpuratus** [BÁD+22, CPVMA+24]. **Purse** [XYT23, YYW+23]. **putida** [AEME+23]. **Puzzle** [RE21]. **PYY** [ZSZ+23].

QTL [CHJ+23]. **Quahog** [GWH21]. **Quality** [CWMX21, CMC+24, DQC+23, DCR+23, DSC+23, GL23, GZX+22, HXS+23, HKS+18, JROHVH+23, KŽM+23, LVB+20, LCX+23, LMNN21, MMMNAG23, MSB+23, MIHH23, MGS+23, PKV+22, RAR+18, RHU+23, SBB+19, TKF+18, ZSQ+21]. **Quantitative** [DDG+22]. **Queen** [KŽM+23]. **quelen** [dCPRG+21]. **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]. **Rainbow** [CBK+21, CSV+19, DSC+23, FMBPC+23, HS18, LUM18, LLKKV20, MDVM+23, PLC+24, SMO+22, SCSR22, TKF+18, VAT+23, VF23, Web23, YZH+24, vSRB+18]. **Raised** [BRB+23, JSRE+24]. **Raja** [FPRAT+23, SSK+22, SSSS23, TMPP23]. **Ramirez** [KRAFO23]. **Ramirez-Amaro** [KRAFO23]. **Rana** [XWW+24]. **Randall** [AA23]. **randalli** [AA23]. **Range** [BFLC19, HMVRFD19, RJMVC+18]. **Rapid** [KLD+23]. **Rapidly** [TMM+18]. **Rare** [KMB18]. **RAS** [BHR+23, BKBR+23, LLKKV20]. **Rastrelliger** [JTS+24]. **Rate** [CCFP19, JKP+23, Kim23a, Kim23b, PRPW23, RMSPMC+22, VH20, XWW+24]. **Rates** [MTM+19, SJY+22, WYG+23]. **Rathbun** [KKB20]. **Rating** [IM24]. **Ratio** [BSGMC+22, EPKV17, SKK+23]. **Ration** [IM24]. **Rationale** [FCF19]. **Ratios** [JCR+22, YGD+23]. **Rats** [GLW+22]. **Raw** [DBP+20, TJTV+23]. **Ray** [AFTÁPA+23, FPRAT+23, PKY+23, SNSVFL23, SSK+22, SSSS23, TMPP23]. **Ray-Finned** [PKY+23]. **Rays** [DOB+17, LCW23a, SDA23]. **Razor** [LLY+22]. **Re** [CFM+23]. **Re-Approaching** [CFM+23]. **Reaches** [LLWW23, SLDC23]. **Reaction** [CMP+23, KLD+23]. **Reading** [PSP+22]. **Ready** [WDL+23]. **Ready-to-Eat** [WDL+23]. **Real** [WYL23]. **Real-Time** [WYL23]. **Reared** [AHK+23, ALNVDG+22, BF16, HMP+24, NDC+23, RCR+23]. **Rearing** [BKBR+23, GRO+17, MSB+23]. **Rearrangements** [ZQL+23]. **Reason** [SMM+18]. **Recapture** [Tri23]. **Receivers** [BFLC19]. **Receives** [EBH21]. **Receiving**

[LMC21]. **Receptor** [KEA+23, VAT+23, WLT23, YLX+22]. **Receptors** [CZC+22, WSZ+23]. **Recirculating** [SIZ+22]. **Recognition** [GP17, HARB23a, LWZ+23, SZT+23, VPPF+19]. **Recombinant** [CZW+23, LTZ+22, SLC+22]. **Recommendations** [LXW+24]. **Reconstruct** [GSK+21]. **Reconstruction** [LDW+21]. **Record** [KRAFO23, dAMPS+23]. **Records** [KRAFO23, SQ23]. **Recovery** [RJFCJC+21]. **Recreational** [FGBA+23, LLTM17, TOB+23]. **Recruitment** [SMO+23]. **Recycling** [NWN+23]. **Red** [EAJ+23, HIO+19, HSAF+23, JJK21, KJK+23, LCX+23, SWS22, YZH+24, AWCS23, LSY+17]. **Redfin** [MBD+23]. **Redox** [EAE+23]. **Reduce** [ALNVDG+22, KSO+23]. **Reduced** [AHJ+23, EvSCB23, SB20, ZZW+22]. **Reduces** [dSGBdF23]. **Reduction** [USRDFO+22]. **Reef** [CZC23, LCW23a, QWR+23, TCD+21]. **Reefs** [HZS+21, HLK+23, LL22]. **Reeve** [GGP+23]. **Refeeding** [dAPAA+24]. **Reference** [BLA+22, LWL+23]. **Refinement** [BKBR+23]. **Reflect** [BBCJ23]. **Reflection** [RE21]. **Reflections** [CXL23]. **Refrigerated** [DQC+23]. **Refuge** [ANA+23]. **Refuges** [LOB+23]. **Regan** [ZXH+23]. **Regarding** [JLT22]. **Regenerating** [VCL20]. **Regenerative** [PKC+19]. **Regime** [VH20, dlCRMB+22]. **Region** [BAA+23, FGR19, VV23]. **Regional** [BBF22, GPD+23, MDLA22]. **Regions** [IFA+23, LKJ22]. **regius** [DDN19, GSHGE18, RJMVC+18, RJTVC+19, TPC+23, VMDV+22]. **Regression** [KAB+23]. **Regulates** [YBL+22]. **Regulating** [RWF+23]. **Regulation** [JK24, LKJ22, MLZ+21, PLJ+23, QWY+24, WLC+23, WLT23, XHC+22, ZZC+22]. **Regulatory** [EvSCB23, KJK+23, XQLA18, XWR+23]. **Reintroduction** [EMFZ+18, ZHF+22b]. **Reinvasion** [SFP17]. **Related** [CH23, CBK+21, JLW+24, MYY+23, TU18, VF23, WLW+23, WWD+23, WLM+20, ZJJ+22, ZHF+22b, vKRNL+19, PSO+19]. **Relatedness** [NTP+21]. **Relationship** [DBP+20, HWZ21, KZC+24, LCW+23b, LYL+23, LWD+23, LFH+23, TRM+23]. **Relationships** [CZL23, KKB20, SGAC20]. **Relative** [BEF+23, EHGS23, Näs18]. **Released** [LLY+24]. **Releasing** [WSI+19]. **Relevant** [AAB+18]. **Remediation** [WCY+24]. **Remedies** [XLP23]. **Remote** [BS23, CLZ+24, KSAB+23, ST17, ZCX+22]. **Removal** [RJR+22, ZS21]. **Removing** [HIO+19]. **Repeat** [GWH21]. **Replace** [NYS+23]. **Replacement** [AAAF+21, CSR22, FLB+21, NdNFK+24b, NdNFK+24a, WGRM+19]. **Replacing** [ULR+23, XYC+22, XYC+23]. **Report** [DLL+22, JSRE+24, UH19]. **Reproduction** [DLL+23, GGP+23, HZS+21, LDX+23, PLV+19, vKRNL+19]. **Reproduction-Related** [vKRNL+19]. **Reproductive** [AFTÁPA+23, CHH+23, CPVMA+24, DPGFL+22, HHM+18, KJ22, LMC21, LHG+23, LMMC+22, MH23, PPAB+18, RLB+23, SBP23, SMH+22b, Tri23]. **Republic** [AHK+23]. **Requirements** [Moy18, MMY+17]. **rerio** [CAC+17, HFEH+23, LCWH22, Ord19, TU18]. **Research** [DDG+22, LJX+21, LW18, RE21, XLP23]. **Reservoir** [BFLC19, SBT22, WFZ+23]. **Resident** [HCWH20]. **Residual** [CBANCM+21, LXW+24]. **Residues** [HKS+18, JSLE23]. **Resilience** [BFP+23, MSK+22, OOGAS23]. **Resistance** [AEME+23, EAE+23, HLZ+22, LDD+22, 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, LCX+23, PYJ+23, QWY+24, RIF+23, SNSG+19, SMO+22, SEA+23, SCCM23, SHW+23, VPP+22, WKB+23, WSD+23, WBK+23, YMD+21, ZSZ+23, ZLZL23, ZHQ+23, ZJM+23]. **Responses** [AWCS23, ALNVDG+22, CLL+23b, dOCCH+23, GLX+23, HMX+21, JKK24, LHX+23, LWS+23b, MCSB+19, MH23, SAC23, ZAM+23, dAdSCC+23]. **Responsive** [CYL+23]. **Restoration** [KAB+20]. **Restored** [SGAC20]. **Restriction** [LMMC+22]. **Results** [GRO+17, OGMG+17, PWH+23]. **Rethinking** [SYL+24]. **reticulata** [GBT+24, BEF+23]. **Retinal** [KKPY22]. **Reunion** [SQ23]. **Reveal** [HBL+22]. **Revealed** [JLW+24, MDLA22, OJC+23, WGRM+19, WWW+24, YMD+21]. **Revealing** [HZL+22, LFH+23]. **Reveals** [FYL+23, TJW+22, WYG+23, WLN+23]. **Revenue** [ATEfA+21]. **Reversal** [JSJ+24, VMS+23]. **Review** [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, MS20, MML22, RLB+23, RTBL+18, SKSL23, SAC23, SML+23b, VRG+24, WWD+23, YCL+23, ZSZSS+22, ZHHO23]. **Reviewers** [Off18, Off19, Off20, Off21, Off23]. **Rhabdosargus** [HHL+20]. **Rhabdoviruses** [SML+23b]. **Rhamdia** [dCPRG+21]. **Rhincodon** [OSM23]. **rhoifolium** [PSS+18]. **Rhythm** [WLN+23]. **Rhythms** [OGMG+17]. **Ria** [XQLA18]. **Rico** [QWR+23]. **Riddle** [SWUH23]. **Rights** [TTT23]. **ringens** [AAN22]. **Rio** [CASMK23]. **Rise** [BAA+23]. **Risk** [ALNVDG+22, BSR+20, DMT+19, DIL+22, HDW+23, NHC+23, WFZ+23, XLP23]. **Risk-Taking** [ALNVDG+22]. **Risks** [Dul23, Ho22]. **Risso** [GMCF+22]. **River** [AMK23, APS+21, BAA+23, BAA+19, dRCCLRNRWK21, FWJ21, GWH+22, HCWH20, HMVRFD19, LLWW23, LHG+23, MS18, dAMPS+23, SKD+23, SLYY23, WLL+23, WSA+23, WWY+23, AWCS23, CHJ+23, FJL+23, FCT19, HCZ+23, JZX22, LZC+23b, RDE+23, SLDC23, VRKV24, WTC+22, WHY+24, ZS21]. **Rivers** [dSSBdS23, ZGY+23]. **rivoliana** [AASQPU+23]. **RNA** [AMK23]. **Roanoke** [BAA+19, HCWH20]. **Robot** [WMZ+22]. **Robotic** [NLTL23]. **Rockfish** [SOT+23, SZF+21]. **Rodlet** [DCL+23b]. **rogercresseyi** [PSO+19]. **rohita** [RKHAMM22, SAGG+23]. **Rohu** [RKHAMM22]. **Role** [AASQPU+23, CSF+23, Fra23, LHZ+23, LOB+23, MHZ+23, RIF+23, VM19]. **Roles** [RTBL+18]. **Romanian** [ŢPN+23]. **Room** [SAL19]. **rosenbergii** [LSJ+23, XRX+23, ZCT+23]. **rostrata** [WHX+23, ZWZ22]. **Rotated** [LSJ+22]. **Rotating** [LJX+21]. **Rotational** [Ang18]. **Round** [AFTÁPA+23, CZC23, KAR+23, PKSN23a, PKSN23b, SNSVFL23]. **Roundjaw** [KBK+23]. **Routes** [CFP+23, LDD+22]. **RSIV** [KJK+23]. **rubens** [WKB+23]. **Ruditapes** [CSF+23, GWH21, LSS+22, SML+23a]. **Ruff** [RCR+23]. **Ruffe** [NHR20]. **Runoff** [MH23]. **Russell** [AA23]. **Russia** [SKSL23]. **Russian** [AIŠRB22, DD23, RE21]. **ruthenus** [Kim23a, Kim23b].

S [LL18a, dSJC+21]. **S-** [dSJC+21].

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

[STZ+23, ZQLW23]. **Seas** [QL22]. **Seascape** [QWR+23]. **Season** [SMH+24, TRM+23]. **Seasonal** [CBK+21, OGMG+17, VPPF+19, WSD+23]. **Seasons** [ZZT+23]. **Seawater** [MIHH23]. **Seaweed** [HSAF+23]. **Sebastes** [SZF+21]. **Second** [KRAFO23]. **Secretions** [BMMD22]. **Secretory** [LS19]. **Section** [HCZ+23, Hal23]. **Sedative** [dCPRG+21]. **Sedentary** [HMVRFD19]. **Sediment** [GLX+23]. **Sediments** [IKT19, LCW+23b]. **Seed** [MSB+23]. **Segmentation** [LLW+22]. **Seine** [XYT23, YYW+23]. **Selected** [IFA+23, KFS23, PKV+22, ZLL+23]. **Selecting** [TOB+23]. **Selection** [BEF+23, CSF+23, CZL23, HARB23b, LWL+23, MU21, ZHF+22b]. **Selectivity** [LSS+22, YSY+23]. **Selenium** [AZY+24, HWW+24b]. **Semantic** [LLW+22]. **Semen** [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]. **Sensitizes** [LSY+23]. **Sensory** [MAR+18, PHB+23, RMA+18]. **Sepia** [OGMG+17]. **Septicemia** [QXAY22, YLW+23a]. **Sequences** [JJK21, WFL+23]. **Sequencing** [HZG+21, MYY+23, TJW+22]. **Sergeant** [LDBL19]. **Seriola** [ASM+22, AASQPU+23, DBP+20, IKT19, JFP+18, MNO+22, TRM+23]. **Seriolella** [RCR+23]. **Serranus** [LOBTL22, MSRGCG+23]. **Serum** [LHX+23, XLX+22, XYC+22, XYC+23, YLH+24, ZWZ22]. **Services** [ISA+22]. **Sets** [ZS21]. **Setup** [PLC+24]. **Sex** [BEF+23, CMP+23, CBK+21, CPJK23a, CPJK23b, Fed23, JSJ+24, LZM+23, MYY+23, MLK+19, Näs18, PKV+22, SLY+21, SKK+23, SRL+19, VMS+23, ZHF+22b]. **Sex-Differences** [Näs18]. **Sex-Related** [CBK+21, MYY+23, ZHF+22b]. **Sex-Specific** [BEF+23]. **Sexual** [EBRS23, GBT+24, SKK+23, VLCCA+23]. **Sexually** [vKRNL+19]. **Shaanxi** [WWY+23]. **Shading** [DCR+23]. **Shallow** [BSB+23, HZS+21, LOBTL22, SGAC20]. **Shandong** [LCZ+23]. **Shape** [LFH+23, MBD+23, MDLA22, MLSC+23]. **Shaped** [LLL+23]. **Shapes** [QAC23]. **Shaping** [LHZ+23]. **Sharing** [KKPL23]. **Shark** [KSWT22, PHB+23, PKV+22, RKS+24, TCB+24]. **Sharks** [BSB+23, DNP+23, OSM23, SDA23, SMM+18, ZSZSS+22]. **Shelf** [CTY+21, DQC+23, JROHVH+23, ZMLFS+20]. **Shelf-Life** [CTY+21, DQC+23, JROHVH+23, ZMLFS+20]. **Shell** [CL21, CSV+19, DLL+22]. **Shelled** [CZC+22]. **Shellfish** [DD23]. **shevtsovi** [LOT+22]. **Shifts** [AGE+18, OSM23]. **Ship** [HCZ+23]. **Shock** [ZHF+22a]. **Short** [CTY+21, MGS+23, PH23, UH19, WKB+23]. **Short-Term** [MGS+23, UH19, WKB+23]. **Shortfin** [VV23]. **Shoshone** [CTTW23]. **Shrimp** [AAAF+21, APAHBMAG23, CdOCH+23, CBCL23, EAE+23, HSAF+23, HMP+24, JSLE23, LJK+22, LXW+24, LSL+24, LMNN21, NWN+21, PMFBI22, SCHT23, SEA+23, TVL21, WPLK23, WDL+23, ZLL+23, ZWD+23]. **Siavonga** [SNZ+23]. **Siberian** [AVT18]. **Sichuan** [LDX+23]. **Sicily** [FGG+22]. **Side** [RCL+23]. **sieboldii** [LXZ+22]. **Siganus** [YLH+24]. **sign** [FHHC23, PYJ+23, SZZ+23, YGD+23]. **Signaling** [RWF+23, WPLK23, ZYG+23]. **Signalling** [VPPF+19]. **Signature** [MDLA22, VKP+24]. **Signatures** [FYL+23]. **Significantly** [NKC+21, VH20]. **Silage** [MdM+23]. **Silico** [SPEGMC24]. **Silkrose** [MNO+22]. **Silkworm** [MNO+22]. **Silkworm-Derived** [MNO+22]. **Silky** [SMM+18]. **Siluriformes** [CFM+23, CASMK23]. **Siluriforms**

[LHG+23]. **Silurus** [YZL+23]. **Silver** [DRH18, HHL+20, MGS+23, dAMPS+23, RMA+18, SRL+19, ZSZ+23, ZLZL23]. **Silvery** [MMY+17]. **Silvery-Black** [MMY+17]. **Simojoki** [FJL+23]. **Simplified** [MU21]. **Simulated** [CWMX21]. **Simulating** [SMO+23, WSA+23]. **Simulation** [HYXY23, ZS21]. **sinensis** [CZC+22, GLX+23, JCY+23, LWZ+22, LXT+22, LLS+23, LZC+23b, PLY+24, PNW+22, XXL+24, XJC+22, YMD+21, ZLX+23, ZGY+23]. **Single** [GHS20, SSSP21, SLC+22]. **Single-Cell** [GHS20]. **Single-Chain** [SLC+22]. **Siniperca** [DZC+22, LMLH22, XZD+24]. **Sink** [AKM23, SB20]. **Sinogastromyzon** [GWH+22]. **Sinonovacula** [LLY+22]. **Siphoning** [MLH+20]. **Sipunculus** [LCW+23b]. **Sisoridae** [LHG+23]. **Site** [BBCJ23, IKT19]. **Sites** [BEG+23]. **Sitosterol** [TU18]. **Situ** [CYL+23]. **Six** [HLK+23, MWPS23, MWPS24, RDI+21, SLS+22]. **Size** [BHR+23, BEF+23, 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, SBS+23, TMD+19, YHH+20]. **Skipjack** [NIN+19]. **Slices** [PBS+22]. **Slight** [ZSQ+21]. **Slope** [PRPW23]. **Sludge** [GLH+23]. **Smad3** [FCB+21]. **Small** [BFP+23, CBP+24, DMA22, Gre17, HWW+24a, ITG+18, MFKS23, SKT23, SRHCO23, SNZ+23, TCB+24]. **Small-Scale** [BFP+23, CBP+24, HWW+24a, MFKS23, SKT23, SRHCO23, SNZ+23]. **Smalleye** [SNSVFL23]. **Smallmouth** [SOW+23]. **Smartphone** [JTS+24]. **Smartphone-Captured** [JTS+24]. **Smith** [OSM23]. **Smoking** [SUL+23]. **Smolt** [AHLC19, BCG+23, MIHH23, VSH23]. **Smoothers** [ST17]. **Snail** [GMRJ22]. **Snapper** [BF16, HWW+24a, LGZ+23]. **Snappers** [SBP23]. **Snow** [BASBW24, KZC+24]. **SNP** [ARH+23, HZG+21]. **SNPs** [FCB+21]. **Social** [AJF23, DCL+23a, FCT19, dFBdSG+19]. **Social-Ecological** [FCT19]. **SOCS6** [WPLK23]. **SOCS7** [WPLK23]. **Sodium** [SSSP21]. **Soft** [CZC+22]. **Soft-Shelled** [CZC+22]. **solandri** [GPD+23]. **solani** [EAE+23]. **Soldier** [CSR22, LWT+24, NYS+23, YAEAB23]. **Sole** [CZW+23, LZM+23]. **Solea** [SMO+23]. **Solenaia** [MJL+24]. **Solenocera** [WDL+23]. **Soles** [SMO+23]. **Solid** [FDM+23b, MABÁMSM22]. **Solid-State** [FDM+23b, MABÁMSM22]. **Solids** [CdOCH+23]. **Solubles** [FDM+23b]. **Solutions** [Dul23, OOGAS23]. **Some** [CHZ+24]. **sophore** [HHM+18, HKS+18]. **sordidus** [LDBL19]. **Sorubim** [JSRE+24]. **Sound** [KCCK23, SOT+23]. **Soundscape** [LL18a, LL18b]. **Soundscapes** [ZSH+23]. **Source** [AKM23, Eny17, GSH+24, PSP+22, SB20, WFZ+24]. **Source-Sink** [SB20]. **Sources** [RHU+23, YHZ+23]. **South** [CTTW23, CASMK23, LWD+23, MFKS23, YCR+23, CLL+22, FGHYCA23, HSZ+22, KYB+23, LLTM17, LV23, dAMPS+23, WFZ+24, YJK23, ZCX+22]. **South-Central** [CTTW23]. **South-Eastern** [CASMK23]. **Southeast** [BS23]. **Southeastern** [BPOS19, BPO19]. **Southern** [APD+23a, APD+23b, CFM+23, Fed23, GFDPSR22, MSA24, MDLA22, NHC+23, NIN+19, PMFBI22, ST17, ANA+23, AFTÁPA+23, BMTR23, DAF+22, FGG+22, HXY+23, WLM+20, WFZ+23, ZVRH23]. **Southwestern** [SQ23]. **Sox2** [LXZ+22]. **Sox9** [LXZ+22]. **Soy** [BRB+23]. **Soybean** [AAAF+21, EPKV17, SCSR22, ULR+23, XYC+22, XYC+23, ZYG+23]. **sp** [BMOH23, CSSMV+23, EAJ+23, HMP+24, JSRE+24, SGG+21, ZZL+23, ZHF+22a]. **Space** [XYT23]. **Space-Time** [XYT23]. **Spain** [DMT+19, JFP+18]. **Spanish**

[NNN23]. **Sparid** [MMY+17]. **Sparidentex** [MMY+17]. **Sparus** [BSGMC+22, CSB+20, CCCFE18, CFCE20, ERE21, GMBR+21, GMDMT+23, TJTV+23, TMD+19]. **Sparusaurata** [ZMLFS+20]. **Spatial** [BEF+23, DCL+23a, DOB+17, ENO21, JSSD23, LCW23a, LWD+23, MWPS23, MMSK21, MLSC+23, QAC23, ZCX+22, MWPS24]. **Spatio** [MSA24, SKF+23]. **Spatio-Temporal** [MSA24, SKF+23]. **Spatiotemporal** [XLC+24, XYT23]. **Spawning** [BMTR23, CZC23, CHH+23, EKL+23, GFDPSR22, GGP+23, HBG+20, JFP+18, SKK+23, TRM+23, WSI+19]. **Special** [EFG+23, Moy18, Sor21]. **Species** [AMK23, AIŠRB22, AGE+18, AAB+18, APS+21, BBCJ23, dRCCLRNRWK21, CFLK21, DCL+23a, DRFCL23, FGBA+23, GP17, HARB23a, HLK+23, HVRCG18, KZC+24, KRAFO23, LWD+23, LVB+20, MD21, MMAO22, MBD+23, Moy18, MMY+17, PKC+19, PLV+19, Poi24, RDANPA+24, RKS+24, SKSL23, SGAC20, SQ23, SKD+23, SEA+23, SOT+23, SLS+22, SLDC23, TCB+24, TMPP23, VM19, VMBT24, VMDV+22, VV23, VKP+24, WZG+23, WWD+23, WFZ+24, XZZ+24, YJK23]. **Specific** [BEF+23, CMP+23, LCX+23, WFZ+23]. **spectabilis** [MTHPJS+23]. **Spectrometry** [JSLE23]. **Spectroscopy** [KAB+23]. **speibonae** [TDN+22]. **Sperm** [PKV+22, RDE+23]. **Sphyraena** [FB22]. **Sphyraenidae** [FB22]. **Spillway** [ZS21]. **Spinach** [LCX+23]. **Spinal** [LKU21, dAMPS+23]. **Spindle** [LLL+23]. **Spindle-Shaped** [LLL+23]. **Spine** [AHJ+23]. **Spine-Reduced** [AHJ+23]. **Spined** [AHJ+23, BEMC23, DLL+23, GMMNRS18, JBK+23]. **Spleen** [SHW+23]. **Splenic** [JCY+23]. **Spore** [PSS+18]. **Sporosarcina** [YBL+22]. **Spot** [XYT23]. **Spotted** [JSJ+24, LZH+23, LWL+23, LMMC+22, WSZ+23, WWW+24, YSG+23]. **spp** [MSK+21, SMO+23, ŠT19, ZHHO23]. **Spread** [Gre17]. **Spring** [BMTR23, ZCX+22]. **Squaliformes** [ARH+23]. **Squalius** [VMBT24]. **Squalomorph** [DNP+23]. **Squalus** [ARH+23]. **squamosissimus** [dAMPS+23]. **Squid** [CLL+22, FYH+23, HZL+22, NWN+22, SZT+23, YWL+24, ZXY+24]. **Squid-Jigging** [FYH+23]. **Sri** [JSLE23]. **SSH** [MABÁMSM22]. **ssp** [BWKS20]. **SSR** [ZLL+23]. **St** [BMTR23]. **Stable** [DL23]. **Stabling** [GGF+22]. **Stage** [CS23, JKP+23, KMS+17, Kim23a, Kim23b]. **Stages** [CZC+22, CMP+20, LWL+23, MPM+21, VH20, WSS+19, XRX+23, ZCT+23]. **Standard** [CVANRD+21]. **Standardization** [SHT+23]. **Standing** [Tay19]. **Staphylococcus** [WFX+23]. **Star** [WKB+23]. **Starch** [FQÁGTR+17]. **Starry** [JKK24]. **State** [FDM+23b, MABÁMSM22]. **States** [CXL23, BPOS19, BPO19, HCWH20]. **Stations** [SRBCGV+21]. **Statistical** [Liu24]. **Statolith** [LOT+22]. **Status** [AEME+23, ASM+22, EAE+23, FPRAT+23, HFEH+23, LKD22, LWS+23b, LSJ24, MMAO22, RIF+23, RHU+23, SBP23, SAL18]. **Steindachner** [DRFCL23]. **stellatus** [JKK24]. **Steroidogenic** [MLK+19]. **Steroids** [MLK+19, PKV+22]. **Sterol** [TU18]. **Sthenoteuthis** [CLL+22, HSZ+22, YWL+24]. **Stichaeidae** [LPK+23a]. **Stickleback** [BEMC23, DLL+23, GMMNRS18, MH23, SAL18]. **Sticklebacks** [AHJ+23, JBK+23]. **Stimulated** [SMO+22, SOW+23]. **Stimulation** [dSGBdF23]. **Stimulator** [CWW+23]. **Stimuli** [GGP+23]. **STING** [CWW+23]. **Stingray** [RGABD20, WGW+23]. **Stochastic** [APAHBMAG23]. **Stock** [AGC23, BLA+22, BFB+23, CKMT23, ENO21, FGG+22, GFDPSR22, HHL+20,

SWS22, SLS+22, TOB+23, USRDFO+22]. **Stocked** [MGS+23]. **Stocker** [FHHC23]. **Stocking** [AHK+23, BHR+23, dSGBdF23, LSL+24, MSB+23, SIZ+22, ZWP+23, ZJM+23]. **Stocks** [AIŠRB22, FM21a, NTP+21, VKP+24, ZXH+23]. **Stomach** [OJC+23]. **Stomolophus** [EEdCSOPJ+23]. **Storage** [CTY+21, MAR+18, WDL+23]. **Story** [TCD+21]. **Strain** [AJF+22, LJR+24]. **Strains** [KYB+23, ZLL+23, ZZY+23]. **Strait** [SZSW21]. **Strategies** [AHLC19, GMMNRS18, HZL+22, SKSL23]. **Strategy** [AHK+23, NRKT19]. **Stream** [LMC21, LOB+23]. **Streams** [MD21, SBT22, UH19]. **Strengths** [CS23]. **Streptococcus** [GGL+23, GCFA+22, GYH+23, HLZ+22, LCWH22, LDD+22, PSN18, RIF+23]. **Streptomyces** [TDN+22]. **Stress** [AASQPU+23, BHR+23, CPJK23a, CPJK23b, CSSMV+23, DCL+23a, FMXQ23, FLR+22, GLY+23, GSHGE18, GGF+22, HMP+24, KJ22, LGZ+23, LWG+23, LWS+23b, LSL+24, MWZ+23, MDVM+23, MCSB+19, Ord19, PLY+24, QWY+24, SGANM+24, SHW+23, WMZ+22, ZLZL23, dAdSCC+23]. **Stress-Protective** [AASQPU+23]. **Stressed** [LMMC+22]. **Stressors** [WKB+23, vSRB+18]. **strigata** [ZZZ+23]. **Striped** [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, CTTW23, CVANRD+21, CLL+22, CBANCM+21, HSZ+22, HCZ+23, KMS+17, LWZ+22, LOT+22, MDLA22, NTP+21, RJR+22, WLL+22, WFL+23, YHZ+23, ZLL+23, ZGY+23]. **Structures** [ALNVDG+22, UDG+19, ZJC+22b]. **Studied** [BAP22]. **Studies** [CLJ+23, DD23, EBCM24, LWL+23, PWH+23, SOW+23, SB20]. **Study** [AEME+23, BMSGS+18, BEG+23, CZCW23, CMC+24, FM21a, FCF19, GLW+22, Ho22, HAC+23, Kim23a, Kim23b, KAB+20, LLL+23, LXT+22, MSRGCG+23, MDF+23, MFKS23, NNL+23, PAMG19, RJMVC+18, RJFCJC+21, SHT+23, TMD+19, TTT23, XLC+24, XYT23, ZMLFS+20, ZHF+22b, ZJC+22a, ZJC+22b]. **Studying** [FCT19]. **Sturgeon** [AVT18, HCZ+23, JCR+22, Kim23a, Kim23b, LVB+20, WFX+23, ZLX+23]. **Sub** [LMB+23, MPM+18, MML22]. **Sub-Antarctic** [MPM+18]. **Sub-Lethal** [LMB+23]. **Sub-Saharan** [MML22]. **Subarctic** [AHJ+23]. **Subchronic** [GLW+22]. **Suboptimal** [BRB+23]. **Subsidies** [CHW21]. **Substance** [LYL+23]. **Substitution** [EPKV17, WLW+23, ZMLFS+20]. **Substitutions** [ATEfA+21]. **Substrate** [GZX+22, GSH+24, PRPW23]. **subterranea** [EPKV17]. **subtilis** [CBCL23, GCFA+22, XYC+22, XYC+23]. **Subtropical** [BS23, GL23]. **Subunit** [LTZ+22]. **Success** [HMN+22, Tri23]. **Successful** [EMFZ+18, LDX+23]. **Suffering** [YLW+23a]. **Suggests** [SML+23a]. **Suitability** [FYH+23, YWL+24]. **Suits** [EEE21]. **Sulawesi** [MFKS23]. **sulcatus** [LHG+23]. **Sulu** [MBD+23]. **Summer** [VF23, ZCX+22]. **Sun** [MAR+18]. **Sun-Dried** [MAR+18]. **Sunray** [PSW+23]. **Super** [VAT+23]. **Supplemental** [DRH18]. **Supplementation** [AASQPU+23, BRB+23, LHX+23, TPC+23, XYL+23, ZWZ22, ZYG+23]. **Supplemented** [GMDMT+23, GYH+23, JKP+23, RGVG19]. **Support** [LSJ24]. **Suppressors** [WPLK23]. **Surface** [WLM+20]. **surinamensis** [BPO19]. **Surrounding** [LCW+23b]. **Surveillance** [RGABD20]. **Survey** [BPCC23, FGG+22, TMPP23]. **Survival**

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

T [RSA17]. **Tachysurus** [HWW+24b, PYJ+23]. **Tactics** [QAC23]. **Tactile** [dSGBdF23]. **Tag** [HBL+22]. **Taibai** [WWY+23]. **Tail** [LLL+23]. **taimen** [LDX+23]. **Taiwan** [Ho22, HHL+20, HAC+23, TTT23, YLL22]. **Taiwanese** [CLL23a]. **Takalar** [MFKS23]. **Takifugu** [GZF+22]. **Taking** [ALNVDG+22]. **Tambaqui** [MdM+23]. **tambroides** [INCD23]. **Tandem** [JSLE23]. **Tanks** [ALNVDG+22, EEE21]. **Tanzania** [MBL20]. **tarda** [WSZ+23]. **Targeted** [ITG+18]. **Targeting** [ZLZ+22]. **Tasmanian** [YWDP21]. **Taste** [LXT+22]. **Taxonomic** [PWH+23, SLDC23]. **Taxonomy** [CASMK23, Gae16, Gae17, LBC+24]. **Technical** [BASBW24, TVL21]. **Techniques** [CLZ+24]. **Technological** [BÁD+22, LKJ22]. **Technology** [GL23, Pao23, RHU+23, WFZ+24, YCL+23]. **Tegillarca** [PLJ+23]. **Tejo** [Fra23]. **Telemetry** [LCW23a]. **Telencephalon** [BEF+23]. **Teleost** [MBZ+21, PKC+19, ZSZSS+22]. **Teleostei** [CZL23, CBCMRD+23, FŠS+23, KLD+23, MBD+23, SKK+23]. **Teleosts** [GTSG18, Mil23, UDG+19]. **Temperate** [HMX+21, SMH+22a]. **Temperature** [BRB+23, DK22, FMXQ23, HZS+21, HMP+24, HWW+24b, HLZ+22, MAR+18, MPM+21, MDVM+23, PLY+24, PLC+24, PHB+23, SML+23a, SNSG+19, SMO+23, WSA+23, WLM+20, WLZ+22b]. **Temperatures** [CHH+23, WML+21, ZZW+22]. **Temporal** [BMTR23, ENO21, MSA24, SKF+23, SLYY23, ZCX+22]. **Temporally** [LS19]. **Ten** [LKJ22]. **Tench** [CSR22]. **Tenggara** [HWW+24a]. **Term** [BPCC23, CTY+21, DLL+23, KJ22, KBB+21, MGS+23, Näs18, PH23, SXQ+22, UH19, WKB+23]. **Test** [CHW21, JHNF24]. **Testing** [Dul23]. **Tests** [SPEGMC24]. **Tetrabromobisphenol** [vKRNL+19]. **Tetraodontidae** [KMS+17]. **Tetraselmis** [SGG+21]. **Text** [WHM21]. **Texture** [BMSGS+18, KMSO18, KKFC+23]. **Thai** [DRH18]. **Thaw** [DSC+23]. **thazard** [ZCX+22]. **Their** [BMMD22, Fer23, FLR+22, KJK+23, LWD+23, MMVVCJ+23, MFKS23, PYP17, SDA23, TDN+22, WSZ+23]. **Therapy** [DO24]. **Thermaikos** [KMB18]. **Thermal** [GGF+22, HMP+24, LOB+23, 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** [BEMC23, BEG+23, DLL+23, GMMNRS18, JBK+23, MBD+23, SHT+23, SCCM23, YLH+24, YHZ+23, ZWD+23]. **Three-Spined** [BEMC23, DLL+23, GMMNRS18, JBK+23]. **Threespine** [SAL18]. **Threshold** [PWCL23]. **Throughout** [SNSG+19]. **Thun** [BWKS20]. **Tibet** [LHG+23]. **Tigris** [MS18]. **Tilapia** [AHK+23, BRB+23, CLJ+23, EAJ+23, EvSCB23, dSGBdF23, dFBdSG+19, GCFA+22, GYH+23, HLZ+22, JROHVH+23, KYB+23, LS19, LDD+22, LHX+23, LCX+23, MSK+21, MMVVCJ+23, MLH+20, MBL20, NGMR23, NHC+23, NSK+23, PSN18, PVY+21, RIF+23, RHU+23, EEE21, SAC23, SNZ+23, WLT23, WCY+24, ZZW+22, ZHHO23, dAdSCC+23, DCR+23, SVMLP23]. **TiLV** [PVY+21]. **Time** [BMTR23, HYXY23, MIHH23, SGAC20, WYL23, XYT23]. **TIMP** [CL21]. **Tinca** [CSR22]. **tinctoria** [dCPRG+21]. **Tissue** [AEME+23, BB23, GRKC19, LWZ+22, MSK+21, Näs18, PNW+22, dAPAA+24, WLL+22, ZZL+23, ZZY+23]. **Tissues** [LZM+23, RSA17, RKS+24, ZZT+23]. **Tocopherol** [AASQPU+23]. **Todougba** [AHK+23]. **Toho** [AHK+23]. **Toho-Todougba** [AHK+23]. **Tolerance** [ZZW+22]. **Tonga** [VK23]. **Tongue** [CZW+23, LZM+23]. **Tool** [CLJ+23, SMO+23, TOB+23]. **Tool-Box** [TOB+23]. **Tools** [SKSL23]. **Top** [MMAO22]. **Top-Fished** [MMAO22]. **Topic** [Sor21]. **Tor** [INCD23]. **Torquigener** [KMS+17]. **Total** [CdOCH+23]. **Totoaba** [CBCMRD+23]. **Toxic** [CFP+23, GMBR+21, JKK24, RKHAMM22]. **Toxicity** [BBCJ23, EBCM24, GLW+22]. **Toxicology** [CMP+20, WWD+23]. **Trace** [RKS+24]. **Tracers** [OSM23]. **Trachinotus** [GGL+23, WLW+23]. **Trachurus** [BS23, FGHYCA23, MSA24]. **Tract** [TCB+24]. **Trade** [vSRB+18]. **Trade-Offs** [vSRB+18]. **Traditional** [EA18, SUL+23, SLL22, TKF+18]. **Trait** [AGE+18, SFP17, YYH+24]. **Trait-Mediated** [SFP17]. **Traits** [CSB+20, CHJ+23, FCB+21, SMO+23, XWW+24]. **Trammel** [CGY+23]. **Transcription** [CBK+21, SHW+23]. **Transcriptional** [PLJ+23, SML+23a]. **Transcriptome** [CYL+23, CLL+23b, DAHM19, FLX+22, GGL+23, JLW+24, JCY+23, MYY+23, MPM+18, PYJ+23, PLY+24, RWF+23, SDA23, SLY+21, TJW+22, WYG+23, WCY+24, ZJJ+22, ZZT+23, ZZ24, ZSL+23, ZJM+23]. **Transcriptome-Based** [ZJM+23]. **Transcriptomic** [HWX+23, JXW+23, WLN+23, WSS+19, ZCT+23, ZZY+23]. **Transcriptomics** [YHH+20, ZHF+22b]. **Transcripts** [ZLSB22, ZHF+22b]. **Transfer** [JTS+24, MIHH23]. **Transgenic** [GLW+22]. **Transient** [HMVRFD19]. **Transmissibility** [LJK+22]. **Transmission** [GMMNRS18, VCC+18]. **Transport** [CWMX21, FMXQ23, LGZ+23]. **Transporter** [MLZ+21, OMC+19]. **Trap** [RH19]. **Traps** [BASBW24, RH19]. **Trash** [CLL23a]. **Trawl** [CLL23a, FGG+22, PMFBI22, TMPP23]. **Treated** [PBS+22]. **Treatment** [LMC21, NDC+23, PKV+22]. **Trematode** [CSSMV+23]. **Trematomus** [GGF+22]. **Trends** [FM21b, Ols19, Piz22, SOT+23]. **Trevally** [MNO+22]. **Trial** [JSJ+24]. **Tribe** [KSAB+23]. **Tributary** [SBT22]. **Trichiuridae** [SKK+23]. **Trichiurus** [FYL+23, SKK+23]. **Trichomycteridae** [CFM+23, CASMK23]. **Trichomycterine**

[CASMK23]. **tridentatus** [KSO+23]. **Triggered** [RE21]. **Trilostane** [JSJ+24]. **Trionyx** [JCY+23]. **Triple** [RDANPA+24]. **Triploid** [GLW+22, MLZ+21, XHC+22, ZZC+22, ZSL+23]. **Triplophysa** [LLWW23]. **Trisopterine** [Gae16, Gae17]. **Triticum** [WLL+22]. **trituberculatus** [LWS+23b]. **Trophic** [GPD+23]. **Tropical** [FQÁGTR+17, MPM+21, MVPMAV+22, NRÁGPM+18, PJPMMV+22, PKV+22, QWR+23, 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, FMBPC+23, FÅG+23, HS18, KZC+24, LUM18, LLKKV20, MD21, MDVM+23, Näs18, PLC+24, RDI+21, RDE+23, SMO+22, SUL+23, SCSR22, TKF+18, UH19, VAT+23, VF23, VMS+23, Web23, YZH+24, vSRB+18]. **TRPV1** [VAT+23]. **True** [FŠS+23, SMO+23]. **Trust** [IR22]. **trutta** [RDE+23]. **Trypanorhynch** [PYP17]. **Tryptophan** [GSHGE18, TPC+23]. **tubiashii** [DLL+22]. **tulipa** [MSK+22]. **Tumor** [CSGE23]. **Tuna** [DL23, EA18, HYXY23, LSJ24, NIN+19, PBS+22, ST17, THS+22, VK23, WZG+23, WLM+20, XYT23, YYW+23, ZCX+22]. **Turbidity** [HV24, JBK+23]. **Turbot** [CWMX21, DDD+23, LWG+23, LLW+22, ŢPN+23, TMPP23, WBK+23]. **Turbulence** [WMD+24]. **Turnover** [BFM23]. **Turtle** [CZC+22, KSAB+23]. **Twist** [MPK+23]. **Two** [APS+21, BSB+23, FLR+22, GP17, JJK21, LBC+24, LMMC+22, TCB+24, TMPP23, VMBT24, VKP+24, WZG+23, WBK+23, ZVRH23]. **Two-Spotted** [LMMC+22]. **Type** [CSF+23, KKFC+23, WPLK23, LWS+21]. **Types** [SUL+23, ZWD+23]. **typus** [OSM23]. **Tyrrhenian** [DAF+22, Poi24].

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

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[AFTÁPA+23] Carlos J. Alvarez-Fuentes, Javier Tovar-Ávila, Jorge Payan-Alejo, Darío A. Chávez-Arrenquín, Isaias H. Salgado-Ugarte, and Felipe Amezcua. Reproductive ecology of the Chilean round ray (*Urotrygon chilensis*, Günther, 1872) in the Southern Gulf of California. *Fishes*, 8 (4):193, April 04, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/4/193`.

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[AGA+21] Paulo Henrique R. Aride, Maria Fernanda S. Gomes, Darlan G. Azevedo, Gilson R. Sangali, Ana Cláudia F. Silva, Henrique D. Lavander, André B. Souza, Marcelo F. Polese, Douglas C. Mattos, Lucas A. Bassul, Leonardo D. Cardoso, Adriano T. Oliveira, and Caterina Faggio. Dusky grouper *Epinephelus marginatus* growth and survival when exposed to different photoperiods. *Fishes*, 6(3):31, August 12, 2021. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/6/3/31`.

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[AGC23] Paula Alvarez, Dorleta Garcia, and Unai Cotano. Investigating the applicability of ichthyoplanktonic indices in better understanding the dynamics of the northern stock of the population of Atlantic hake *Merluccius merluccius* (L.). *Fishes*, 8(1): 50, January 12, 2023. CODEN ???? ISSN 2410-3888. URL `https:`

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[AGE+18] Erik Arndt, Or Givan, Dor Edelist, Oren Sonin, and Jonathan Belmaker. Shifts in Eastern Mediterranean fish communities: Abundance changes, trait overlap, and possible competition between native and non-native species. *Fishes*, 3(2): 19, April 20, 2018. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/3/2/19.

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[AHJ+23] Dhurba Adhikari, Ida K. Hanssen, Steinar D. Johansen, Truls B. Moum, and Jarle T. Nordeide. Pitx 1 enhancer variants in spined and spine-reduced Subarctic European sticklebacks. *Fishes*, 8(3): 164, March 15, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/3/164.

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[AHK+23] Romaric Aïzonou, Arsène Mathieu Houssou, Guillaume Koussovi, Comlan Eugène Dessouassi, Mardochée Ephraïm Achoh, Sessien Lionnel Hounhouedo, Clovis Idossou Hountchémè, and Hyppolite Agadjihouèdé. Effect of stocking density and feeding strategy on zootechnical parameters and profitability of Nile tilapia (*Oreochromis niloticus*) reared in floating cages in Toho-Todougba Complex Lagoon in Benin Republic. *Fishes*, 8 (4):192, April 03, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/4/192.

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[AHLC19] Samuel N. Andrews, Sarah V. Hirtle, Tommi Linnansaari, and R. Allen Curry. Consumption of Atlantic salmon smolt by striped bass: a review of the predator–prey encounter literature and implications for the design of effective sampling strategies. *Fishes*, 4(4): 50, October 11, 2019. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/4/4/50.

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[AIŠ+22] Vaidotas Andrašūnas, Edgaras Ivanauskas, Arvydas Švagždys, and Artūras Razinkovas-Baziukas. Assessment of four major

fish species stocks in the Lithuanian and Russian parts of Curonian Lagoon (SE Baltic Sea) using CMSY method. *Fishes*, 7(1):9, January 03, 2022. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/7/1/9`.

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[AJF+22] Johanna Axling, Hampus Jakobsson, Natalia Frymus, Per-Ove Thörnqvist, Erik Petersson, and Svante Winberg. Boldness in zebrafish larvae—development and differences between a domesticated lab strain and offspring of wild-caught fish. *Fishes*, 7(4):197, August 08, 2022. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/7/4/197`.

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[AJF23] Jarle Aarstad, Stig-Erik Jakobsen, and Arnt Fløysand. Norwegian aquaculture firms' emphasis on environmental and social sustainability compared to firms in other industries. *Fishes*, 8(2):115, February 17, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/2/115`.

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[AKM23] Céline Artero, Christopher C. Koenig, and Jessica E. Marsh. Are the coastal waters of French Guiana a source or sink habitat for Atlantic goliath grouper *Epinephelus itajara*? *Fishes*, 8(5):274, May 22, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/5/274`.

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[ALNVDG+22] Pablo Arechavala-Lopez, Samira Nuñez-Velazquez, Carlos Diaz-Gil, Guillermo Follana-Berná, and João L. Saraiva. Suspended structures reduce variability of group risk-taking responses of *Dicentrarchus labrax* juvenile reared in tanks. *Fishes*, 7(3):126, May 31, 2022. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/7/3/126`.

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[AMK23] Hyung-Eun An, Min-Ho Mun, and Chang-Bae Kim. Metabarcoding by combining environmental DNA with environmental RNA to

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[ANA+23] Ana Almodóvar, Graciela G. Nicola, Daniel Ayllón, Sheila Leal, Daniel F. Marchán, and Benigno Elvira. A benchmark for Atlantic salmon conservation: Genetic diversity and structure in a Southern European glacial refuge before the climate changed. *Fishes*, 8 (6):321, June 16, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/6/321`.

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[APAHBMAG23] Gerzaín Avilés-Polanco, Marco Antonio Almendarez-Hernández, Luis Felipe Beltrán-Morales, and Fernando Aranceta-Garza. Cost efficiencies of the shrimp fishery in Mexico: a stochastic frontier analysis. *Fishes*, 8(9):472, September 21, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/9/472`.

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[APD+23b] Caterina M. Antognazza, Anja Palandačić, Giovanni B. Delmastro, Giuseppe Crosa, and Serena Zaccara. Current and historical genetic variability of native brown trout populations in a southern alpine ecosystem: Implications for future management. *Fishes*, 8(8): 411, August 10, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/8/411. See correction [APD+23a].

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[APS+21] Ulisses M. Azeiteiro, Mário J. Pereira, Amadeu M. V. M. Soares, Heitor O. Braga, Fernando Morgado, Magda C. Sousa, João M. Dias, and Carlos Antunes. Dynamics of two anadromous species in a dam intersected river: Analysis of two 100-year datasets. *Fishes*, 6(2): 21, June 05, 2021. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/6/2/21.

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[ARH+23] Aisni M. C. L. Adachi, Pollyana C. G. Roque, Fabio H. V. Hazin, Marcelo Vianna, Matheus M. Rotundo, Claudio Oliveira, Fausto Foresti, and Vanessa P. Cruz. Genetic population structure and diversity of the whitetail dogfish *Squalus albicaudus* (Chondrichthyes, Squaliformes) along the Brazilian Coast as identified by SNP markers. *Fishes*, 8(7):373, July 20, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/7/373.

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[ATEfA+21] Hamdy A. Abo-Taleb, Mohamed M. M. Elfeky, Ahmad M. Azab, Mohamed M. Mabrouk, Mohamed A. Elokaby, Mohamed Ashour, Abdallah Tageldein Mansour, Othman F. Abdelzaher, Khamael M. Abualnaja, and Ahmed E. Sallam. Growth performance, feed utilization, gut integrity, and economic revenue of grey mullet, *Mugil cephalus*, fed an increasing level of dried zooplankton biomass meal as fishmeal substitutions. *Fishes*, 6(3): 38, September 10, 2021. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/6/3/38`.

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[AVT18] Charlotte Axén, Niccolò Vendramin, and Anna Toffan. Outbreak of mortality associated with acipenser iridovirus European (AcIV-E) detection in Siberian sturgeon (*Acipenser baerii*) farmed in Sweden. *Fishes*, 3(4):42, October 16, 2018. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/3/4/42`.

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[AWCS23] Cody M. Anderson, Brian D. Wisenden, Cody A. Craig, and Craig A. Stockwell. Consistent antipredator behavioral responses among populations of Red River pupfish with disparate predator communities. *Fishes*, 8 (6):315, June 13, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/6/315`.

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[AZY+24] Shimaa A. Abdelbaky, Zakaria M. Zaky, Doha Yahia, Mohamed H. Kotob, Mohammed A. Ali, Mohammed Aufy, and Alaa El-Din H. Sayed. Impact of *Chlorella vulgaris* bioremediation and selenium

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[BAA+19] Joseph Buckwalter, Paul L. Angermeier, Jane Argentina, Skylar Wolf, Stephen Floyd, and Eric M. Hallerman. Drift of larval darters (family Percidae) in the Upper Roanoke River Basin, USA, characterized using phenotypic and DNA barcoding markers. *Fishes*, 4(4): 59, December 08, 2019. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/4/4/59`.

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[BAA+23] Doru Bănăduc, Sergey Afanasyev, John Robert Akeroyd, Aurel Năstase, Ion Năvodaru, Lucica Tofan, and Angela Curtean-Bănăduc. The Danube Delta: The Achilles heel of Danube River–Danube Delta–Black Sea region fish diversity under a Black Sea impact scenario due to sea level rise — a prospective review. *Fishes*, 8(7):355, July 07, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/7/355`.

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[BÁD+22] José Bakit, Gonzalo Álvarez, Patricio A. Díaz, Eduardo Uribe, Rodrigo Sfeir, Sebastian Villasante, Tomas Gabriel Bas, Germán Lira, Hernán Pérez, Andrés Hurtado, Raúl González-Ávalos, and Jose Castillo-Venenciano. Disentangling environmental, economic, and technological factors driving scallop (*Argopecten purpuratus*) aquaculture in Chile. *Fishes*, 7(6): 380, December 08, 2022. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/7/6/380`.

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[BAP22] Ali Asghar Baloch, Ehdaa Eltayeb Eltigani Abdelsalam, and Veronika Piačková. Cytokines studied in carp (*Cyprinus carpio* L.) in response to important diseases. *Fishes*, 7(1): 3, December 24, 2022.

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[BAS+19] Heidrikur Bergsson, Nikolaj Reducha Andersen, Morten Bo Søndergaard Svendsen, Per Juel Hansen, and John Fleng Steffensen. Respiratory physiology of European plaice (*Pleuronectes platessa*) exposed to *Prymnesium parvum*. *Fishes*, 4(2): 32, May 28, 2019. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/4/2/32.

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[BASBW24] Pete Brown, Tomas Araya-Schmidt, Terry Bungay, and Paul D. Winger. Assessing the technical and economic viability of galvanizing snow crab (*Chionoecetes opilio*) traps. *Fishes*, 9 (3):109, March 19, 2024. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/9/3/109.

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[BB23] Matheus D. Baldissera and Bernardo Baldisserotto. Creatine kinase activity as an indicator of energetic impairment and tissue damage in fish: a review. *Fishes*, 8 (2):59, January 18, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/2/59.

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[BBCJ23] Brooke A. Baudoin, Bonnie L. Brown, Robin D. Calfee, and Jill A. Jenkins. Amino acid variation at the mitochondrial binding site of Antimycin A is proposed to reflect sensitivity and toxicity differences among fish species. *Fishes*, 8(7):381, July 22, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/7/381.

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[BBF22] Miguel Blanco, Lydia Bares, and Marcos Ferasso. Analysis of regional efficiency in the use of the European Maritime and Fisheries Fund (FEMP) in the Eurozone countries. *Fishes*, 7(2):53, April 22, 2022. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/7/2/53.

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[BC23] João Pedro Barreiros and Felicia C. Cole-

man. West African goliath grouper: Where are they between Senegal and Angola? *Fishes*, 8(6):318, June 16, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/6/318`.

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[BEF+23] Annika Boussard, Stephanie Edlund, Stephanie Fong, David Wheatcroft, and Niclas Kolm. No sex-specific effects of artificial selection for relative telencephalon size during detour learning and spatial discrimination in guppies (*Poecilia reticulata*). *Fishes*, 8(11): 536, October 26, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/11/536`.

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[BEG+23] Ioannis E. Batjakas, Athanasios Evangelopoulos, Maria Giannou, Sofia Pappou, Eleftheria Papanikola, Maria Atsikvasi, Dimitris Poursanidis, and Chrysoula Gubili. Lionfish diet composition at three study sites in the Aegean Sea: an invasive generalist? *Fishes*, 8 (6):314, June 13, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/6/314`.

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[BF16] Mark A. Booth and D. Stewart Fielder. Fortification of an aquafeed

with potassium chloride does not improve survival of juvenile Australian snapper *Pagrus auratus* reared in potassium deficient saline groundwater. *Fishes*, 1(1):52–64, September 09, 2016. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/1/1/52`.

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[BFB+23] Gualtiero Basilone, Rosalia Ferreri, Angelo Bonanno, Simona Genovese, Marco Barra, and Salvatore Aronica. Age and growth of European sardine (*Sardina pilchardus*) in the Central Mediterranean Sea: Implication for stock assessment. *Fishes*, 8 (4):202, April 13, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/4/202`.

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[BFLC19] Amanda Babin, Lauren Fitzpatrick, Tommi Linnansaari, and R. Allen Curry. Detection range of acoustic receivers in a large hydropower reservoir. *Fishes*, 4(4):60, December 11, 2019. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/4/4/60`.

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[BFM23] Addie L. Binstock, Audrey S. Fox, and John A. Mohan. Isotopic turnover and fractionation of δ^{15}N and δ^{13}C in captive *Pseudopleuronectes americanus* (Walbaum). *Fishes*, 8(9):469, September 21, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/9/469`.

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[BGT+20] Wesley W. Bouska, David C. Glover, Jesse T. Trushenski, Silvia Secchi, James E. Garvey, Ruairi MacNamara, David P. Coulter, Alison A. Coulter, Kevin

Irons, and Andrew Wieland. Geographic-scale harvest program to promote invasivorism of bigheaded carps. *Fishes*, 5(3):29, September 01, 2020. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/5/3/29`.

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[BHR+23] Björn Baßmann, Lisa Hahn, Alexander Rebl, Lisa Carolina Wenzel, Marc-Christopher Hildebrand, Marieke Verleih, and Harry Wilhelm Palm. Effects of stocking density, size, and external stress on growth and welfare of African catfish (Clarias gariepinus Burchell, 1822) in a commercial RAS. *Fishes*, 8 (2):74, January 26, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/2/74`.

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[BKBR+23] Adrian A. Bischoff, Melanie Kubitz, Laura Ballesteros-Redondo, Marcus Stüeken, Tobias Rapp, Patrick Fink, Wilhelm Hagen, and Harry Wilhelm Palm. Dynamics of fatty acids in pikeperch (*Sander lucioperca*) larvae and juveniles during early rearing and weaning in a commercial RAS — implications for dietary refinement. *Fishes*, 8(9): 444, August 31, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/9/444`.

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[BLA+22] Suman Barua, Qun Liu, Mohammed Shahidul Alam, Petra Schneider, and Mohammad Mojibul Hoque Mozumder. Application of length-based assessment methods to elucidate biological reference points of black pomfret stock in the Bay of Bengal, Bangladesh. *Fishes*, 7 (6):384, December 11, 2022. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/7/6/384`.

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[BMMD22] Giampaolo Bosi, Paolo Merella, Barbara J. Maynard, and Bahram Sayyaf Dezfuli. Microscopic characterization of the mucous cells and their mucin secretions in the alimentary canal of the blackmouth catshark *Galeus melastomus* (Chondrichthyes: Elasmobranchii). *Fishes*, 7(1):8, January 01, 2022. CODEN ???? ISSN

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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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[BMSGS+18] Cristina Barragán-Méndez, Fini Sánchez-García, Ignacio Sobrino, Juan Miguel Mancera, and Ignacio Ruiz-Jarabo. Air exposure in catshark (*Scyliorhinus canicula*) modify muscle texture properties: a pilot study. *Fishes*, 3(3):34, September 04, 2018. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/3/3/34.

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[BMTR23] Jacob Burbank, Jenni L. McDermid, François Turcotte, and Nicolas Rolland. Temporal variation in Von Bertalanffy growth curves and generation time of Southern Gulf of St. Lawrence spring and fall spawning Atlantic herring (*Clupea harengus*). *Fishes*, 8(4):205, April 15, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/4/205.

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[BPCC23] Kimberly I. Bonvechio, Ramesh Paudyal, Chelsey Crandall, and Andrew K. Carlson. Survey evaluation of Florida's freshwater fisheries long-term monitoring program. *Fishes*, 8(4):216, April 19, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/4/216.

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[BPO19] Michael L. Burton, Jennifer C. Potts, and Andrew D. Ostrowski. Preliminary estimates of age, growth and natural mortality of margate, *Haemulon album*, and black margate, *Anisotremus surinamensis*, from the Southeastern United States. *Fishes*, 4(3):44, August 15, 2019. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/4/3/44.

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[BPOS19] Michael L. Burton, Jen-

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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`.

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[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 cat-

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[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`.

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[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:`

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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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[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`.

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[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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[DLL+22] Chen Dai, Xiaoxin Li, Dapeng Luo, Qingming Liu, Yun Sun, Zhigang Tu, and Minghui Shen. First report on genome analysis and pathogenicity of *Vibrio tubiashii* FP17 from farmed ivory shell (*Babylonia areolata*). *Fishes*, 7(6):396, December 17, 2022. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/7/6/396`.

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[DLL+23] Jimmy Devergne, Véronique Loizeau, Christophe Lebigre, Anne Bado-Nilles, Sophie Collet, Olivier Mouchel, Ugo

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[DNP+23] Laurent Duchatelet, Charlotte Nuyt, Nathan Puozzo, Jérôme Mallefet, and Jérôme Delroisse. Evolutionary conservation of photophore ultrastructure in sharks: The case of a dalatiid squalomorph. *Fishes*, 8(2): 87, February 01, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/2/87`.

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[DO24] Edith Dube and Grace Emily Okuthe. Applications

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[DOB+17] Simon Dedman, Rick Officer, Deirdre Brophy, Maurice Clarke, and David G. Reid. Advanced spatial modeling to inform management of data-poor juvenile and adult female rays. *Fishes*, 2(3):12, August 04, 2017. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/2/3/12`.

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[dOCCH+23] Léa Carolina de Oliveira Costa, Andrezza Carvalho, Mariana Holanda, Jorge Santos, Lucélia Borges, Bruna Guterres, Je Nam Junior, Virginia Fonseca, Larissa Muller, Luis Romano, Silvia Botelho, Marcelo Pias, Juliane Ventura, and Luís H. Poersch. Biological responses of oyster *Crassostrea gasar* exposed to different concentrations of biofloc. *Fishes*, 8(12):586, November 29, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/12/586`.

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[DPGFL+22] Rosario Domínguez-Petit, Cristina García-Fernández, Ezequiel Leonarduzzi, Karina Rodrigues, and Gustavo Javier Macchi. Parental effects and reproductive potential of fish and marine invertebrates: Cross-generational impact of environmental experiences. *Fishes*, 7(4):188, July 27, 2022. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/7/4/188`.

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[DQC+23] Angela Dambrosio, Nicoletta Cristiana Quaglia, Maria Antonietta Colonna, Flavia Capuozzo, Francesco Giannico, Simona Tarricone, Anna Caputi Jambrenghi, and Marco Ragni. Shelf-life and quality of anchovies (*Engraulis encrasicolus*) refrigerated using different packaging materials. *Fishes*, 8(5):268, May 18, 2023. CODEN ???? ISSN 2410-3888. URL `https:`

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[dRCCLRNRWK21] María del Refugio Castañeda-Chávez, Fabiola Lango-Reynoso, Gabycarmen Navarrete-Rodríguez, and Armando Toyokazu Wakida-Kusunoki. Concentration of metals in native and invasive species of fish in the fluvial-lagoon-deltaic system of the Palizada River, Campeche. *Fishes*, 6(4): 72, December 03, 2021. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/6/4/72.

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[DRH18] Mousumi Das, Ferdous Ibn Rahim, and Md. Amzad Hossain. Evaluation of fresh *Azolla pinnata* as a low-cost supplemental feed for Thai silver barb *Barbonymus gonionotus*. *Fishes*, 3(1):15, March 05, 2018. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/3/1/15.

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[DSC+23] Ningning Du, Yanchun Sun, Zhongxiang Chen, Xiaoli Huang, Chenhui Li, Lei Gao, Shuyan Bai, Peng Wang, and Qirui Hao. Effects of multiple freeze–thaw cycles on protein and lipid oxidation, microstructure and quality characteristics of rainbow trout (*Oncorhynchus mykiss*). *Fishes*, 8(2):108, February 13, 2023. CODEN ???? ISSN 2410-

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[dSCFQB+23] Maura da Silva Costa Furtado, Joaquim Carlos Barbosa Queiroz, Bianca Bentes, Edson Koiti Kudo Yasojima, Débora de Oliveira Thomaz, Larissa da Costa Pinheiro, Mauro Luis Ruffino, and Victoria Isaac. The hydrological cycle of the Lower Amazon in Brazil determines the variation in local fishing patterns. *Fishes*, 8(7):371, July 19, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/7/371.

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[dSGBdF23] Ana Carolina dos Santos Gauy, Marcela Cesar Bolognesi, and Eliane Gonçalves de Freitas. Body tactile stimulation reduces the effects of high stocking density on the welfare of Nile tilapia (*Oreochromis niloticus*). *Fishes*, 8(6):320, June 16, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/6/320.

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[EA18] Eduardo Esteves and Jaime Aníbal. Optimization of processing conditions of traditional cured tuna loins — muxama. *Fishes*, 3 (1):3, January 09, 2018. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/3/1/3.

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[EAE+23] El-Sayed Hemdan Eissa, Ragaa A. Ahmed, Nadia A. Abd Elghany, Amal Elfeky, Saadea Saadony, Norhan H. Ahmed, Salah El-Sayed Sakr, Geraldine B. Dayrit, Charlene Princess S. Tolenada, Adlene Anne C. Atienza, Mahmoud Mabrok, and Hala F. Ayoub. Potential symbiotic effects of β-1,3 glucan, and fructooligosaccharides on the growth performance, immune response, redox status, and resistance of Pacific white shrimp, *Litopenaeus vannamei* to *Fusarium solani* infection. *Fishes*, 8(2): 105, February 10, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/2/105.

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[EAJ+23] El-Sayed Hemdan Eissa, Bothaina A. Alaidaroos, Samyah D. Jastaniah, Mohammad Bodrul Munir, Manal E. Shafi, Yasmin M. Abd El-Aziz,

Walaa K. Bazina, Saadiah binti Ibrahim, Moaheda E. H. Eissa, Marina Paolucci, Fatima S. Alaryani, Nadia N. B. Abd El-Hamed, Mohamed E. Abd El-Hack, and Saadea Saadony. Dietary effects of nano curcumin on growth performances, body composition, blood parameters and histopathological alternation in red tilapia (*Oreochromis* sp.) challenged with *Aspergillus flavus*. *Fishes*, 8(4):208, April 17, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/4/208`.

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[EBRS23] Blair Alexander Andrew Easton, Andrew Boon, Joe Richards, and Kevin Scott. Comparing the size at onset of sexual maturity of edible crab (*Cancer pagurus*, Cancridae) in Berwickshire and Northumberland. *Fishes*, 8(5):260, May 13, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/5/260`.

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[EEdCSOPJ+23] Dania Marisol Esparza-Espinoza, Hisila del Carmen Santacruz-Ortega, Maribel Plascencia-Jatomea, Santiago P. Aubourg, Jesús Aarón Salazar-Leyva, Francisco Rodríguez-Felix, and Josafat Marina Ezquerra-Brauer. Chemical-structural identification of crude gelatin from jellyfish (*Stomolophus meleagris*) and evaluation of its potential biological activity. *Fishes*, 8(5):246, May 08, 2023. CO-

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[EEE21] Ahmed Mohamed El Shal, Faisal Mohamed El Sheikh, and Atef Mohamed Elsbaay. Design and fabrication of an automatic fish feeder prototype suits tilapia tanks. *Fishes*, 6(4): 74, December 06, 2021. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/6/4/74.

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[EES+23] Samia Elbahnaswy, Gehad E. Elshopakey, Medhat S. Shakweer, Elsayed A. A. Eldessouki, Abdelwahab A. Abdelwarith, Elsayed M. Younis, Simon J. Davies, and Mai A. M. El-Son. Bacterial co-infection as a potential threat to farmed flathead grey mullet (*Mugil cephalus*): Phenotypic and molecular diagnosis, histopathology, immunity response, and in vitro antibacterial evaluation. *Fishes*, 8(7):357, July 10, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/7/357.

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[GRKC19] Pedro Gómez-Requeni, Mauricio Nestor Kraemer, and Luis Fabián

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[GSH+24] Kun Guo, Mumin Shi, Xiaoli Huang, Liang Luo, Shihui Wang, Rui Zhang, Wei Xu, Guoliang Ruan, and Zhigang Zhao. The effect of artificial substrate and carbon source addition on bacterial diversity and community composition in water in a pond polyculture system. *Fishes*, 9(3): 80, February 20, 2024. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/9/3/80`.

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[GWH+22] Minghui Gao, Zhiqiang Wu, Liangliang Huang, Xichang Tan, Mingsi Li, and Haibo Huang. Growth and microstructural features in otoliths of larval and juvenile *Sinogastromyzon wui* (F. Balitoridae, River Loaches) of the Upper Pearl River, China. *Fishes*, 7(2):57, April 01, 2022. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/7/2/57`.

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[GZF+22] Lingling Gu, Hui Zhang, Guangpeng Feng, Yong Liu, Zhiqiang Han, Feng Zhao, Qing Ye, Wangjiao Hu, and Chao Song. Evaluation of the effectiveness of marking juvenile *Takifugu obscurus* otoliths with strontium. *Fishes*, 7(6):371, December 05, 2022. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/7/6/371.

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[HHM+18] Tajmira Hasan, Md. Foysul Hossain, Md. Mamun, Md. Jahangir Alam, Mohammad Abdus Salam, and S. M. Rafiquzzaman. Reproductive biology of *Puntius sophore* in Bangladesh. *Fishes*, 3(2):22, June 11, 2018. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/3/2/22`.

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[HLK+23] Chenglong Han, Kefeng Liu, Toshihisa Kinoshita, Biao Guo, Yifan Zhao, Yuhang Ye, Yufei Liu, Osamu Yamashita, Debin Zheng, Wenhui Wang, and Xueqiang Lu. Assessing the attractive effects of floating artificial reefs and combination reefs on six local marine species. *Fishes*, 8(5):248, May 08, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/5/248`.

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[HLZ+22] Dongyu Huang, Hualiang Liang, Jian Zhu, Mingchun Ren, and Xianping Ge. Dietary protein modifies hepatic glycolipid metabolism, intestinal immune response, and resistance to *Streptococcus agalactiae* of genetically improved farmed tilapia (GIFT: *Oreochromis niloticus*) exposed to high temperature. *Fishes*, 7(4): 202, August 12, 2022. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/7/4/202`.

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[HMN+22] Amna Hameed, Waqar Majeed, Muhammad Naveed, Uzma Ramzan, Matteo Bordiga, Maryam Hameed, Saud Ur Rehman, and Naureen Rana. Success of aquaculture industry with new insights of using insects as feed: a review. *Fishes*, 7(6): 395, December 17, 2022. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/7/6/395`.

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[HMP+24] Flávia Banderó Hofling, Alex Silva Marquezi, Isabela Pinheiro, Cedric Simon, Artur Nishioka Rombenso, Walter Quadros Seiffert, Felipe do Nascimento Vieira, and Delano Dias Schleder. *Aurantiochytrium* sp. meal as feed additive for Pacific white shrimp reared under low temperature and challenged by WSSV in association with thermal stress. *Fishes*, 9(3):108, March 18, 2024. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/9/3/108`.

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He:2021:NRD

[HMX+21] Qingsong He, Shuyang Ma, Qinwang Xing, Wenchao Zhang, Haiqing Yu, and Zhenjiang Ye. Nonstationary responses of demersal fishes to environmental variations in temperate waters of the Northwestern North Pacific under a changing climate. *Fishes*, 6 (3):22, July 22, 2021. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/6/3/22`.

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[Ho22] Ching-Hsien Ho. Climate risks and opportunities of the marine fishery industry: a case study in Taiwan. *Fishes*, 7(3):116, May 21, 2022. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/7/3/116`.

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[HPJ+23] Ju-Ae Hwang, Jun Seong Park, Hae Seung Jeong, Hyeongsu Kim, and Seung-Yoon Oh. Productivity of fish and crop growth and characteristics of bacterial communities in the FLOCponics system. *Fishes*, 8(8): 422, August 18, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/8/422`.

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[HS18] Ramtin Hushangi and Seyed Pezhman Hosseini Shekarabi. Effect of a peracetic acid-based disinfectant on growth, hematology and histology of juvenile rainbow trout (*Oncorhynchus mykiss*). *Fishes*, 3(1): 10, February 06, 2018. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/3/1/10`.

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[HSAF+23] Gustavo Gonzaga Henry-Silva, Joseanna Alves, Dallas Flickinger, Renata Gomes-Rebouças, and Ambrosio Bessa-Junior. Polyculture of Pacific white shrimp Litopenaeus vannamei (Boone) and red seaweed Gracilaria birdiae

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[HWW+24b] Junru Hu, Lei Wang, Guoxia Wang, Hongxia Zhao, Huijie Lu, Kai Peng, Wen Huang, Zhenxing Liu, Ding Liu,

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[HZG+21] Yongyu Huang, Lili Zhang, Hui Ge, Guodong Wang, Shiyu Huang, and Zhangwu Yang. SNP development in *Penaeus vannamei* via next-generation sequencing and DNA pool sequencing. *Fishes*, 6(3): 36, September 07, 2021. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/6/3/36`.

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[HZL+22] Guanyu Hu, Zhenfang Zhao, Bilin Liu, Dongming Lin, Jiawei Liang, Zhou Fang, and Xinjun Chen. Fatty acid profile of jumbo squid (*Dosidicus gigas*) off the Peruvian Exclusive Economic Zone: Revealing the variability of feeding strategies. *Fishes*, 7(5):221, October 2022. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/7/5/221`.

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[HZS+21] Anne Haguenauer, Frédéric Zuberer, Gilles Siu, Daphne Cortese, Ricardo Beldade, and Suzanne C. Mills. Deep heat: a comparison of water temperature, anemone bleaching, anemonefish density and reproduction between shallow and mesophotic reefs. *Fishes*, 6(3):37, September 09, 2021. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/6/3/37`.

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[HZZ+23] Lishi Huang, Guosong Zhang, Yupeng Zhang, Xinlan Li, Zhong Luo, Wenyu Liu, Fu Luo, Haifeng Liu, Shaowu Yin, Jun Jiang, Xia Liang, and Quanquan Cao. Profiling genetic breeding progress in Bagrid catfishes. *Fishes*, 8(8):426, August 21, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/8/426`.

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[IBN+23] Albert Kjartan Dagbjartarson Imsland, Jon Petter Berg, Velimir Nola,

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[ISA+22] Edgaras Ivanauskas, Andrius Skersonas, Vaidotas Andrašūnas, Soukaina Elyaagoubi, and Artūras Razinkovas-Baziukas. Mapping and assessing commercial fisheries services in the Lithuanian part of the Curonian Lagoon. *Fishes*, 7(1):19, January 14, 2022. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/7/1/19.

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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,

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[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`.

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[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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[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:

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[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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[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-

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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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[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.

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[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+23] Vincent Kerzérho, Florence Azaïs, Serge Bernard, Sylvain Bonhommeau, Blandine Brisset, Laurent De Knyff, Mo-

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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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[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`.

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[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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[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://www.mdpi.com/2410-3888/8/1/40`.

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[KKPY22] Jae Goo Kim, Su Hwan Kim, Jong Young Park,

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[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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[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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[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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[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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[KYB+23] Gerald Kwikiriza, Mourine J. Yegon, Nelson Byamugisha, Apulnal Beingana, Faith Atukwatse, Alex Barekye, Juliet K. Nattabi, and Harald Meimberg. Morphometric

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[LWS+23a] Yu-Jiao Li, Xin-Liang Wang, Ling-Yu Shi, Zong-Yi Wang, Zi-Ang Zhao, Shu-Chao Ge, and Bing Hu. DUSP2 deletion inhibits macrophage migration by inhibiting ERK activation in zebrafish. *Fishes*, 8(6): 310, June 12, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/6/310.

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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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[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 2410-3888. URL `https://www.mdpi.com/2410-3888/8/2/76`.

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[LZC+23a] Changwei Li, Xiaoyu Zhang, Yu Chen, Shiyu Zhang, Limin Dai, Wenjing Zhu, and Yuan Chen. Optimized utilization of organic carbon in aquaculture biofloc systems: a review. *Fishes*, 8(9): 465, September 16, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/9/465`.

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[LZM+23] Jiahao Liu, Feiran Zhang, Qiang Ma, Yuliang Wei, Mengqing Liang, and Houguo Xu. Sex differences in fatty acid composition of Chinese tongue sole (*Cynoglossus semilaevis*) tissues. *Fishes*, 8(8):421, August 17, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/8/421`.

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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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[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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[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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[MHZ+23]

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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

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[MMD+23] Danny Morick, Yuval Maron, Nadav Davidovich, Ziv Zemah-Shamir, Yaarit Nachum-Biala, Peleg Itay, Natascha Wosnick, Dan Tchernov, and Shimon Harrus. Molecular identification of *Photobacterium damselae* in wild marine fish from the Eastern Mediterranean Sea. *Fishes*, 8(2):60, January 18, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/2/60.

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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`.

Majhi:2023:ESD

[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`.

Martin:2021:CPT

[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`.

Madera-Santana:2023:DDC

[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`.

Mendez-Tepepa:2023:CEA

[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`.

Maslov:2019:CAS

[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`.

Mpomwenda:2023:COC

[MTPK23] Veronica Mpomwenda, Tumi Tómasson, Jón Geir Pétursson, and Dadi Már 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].

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[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. CODEN ???? 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.

Ma:2023:TSA

[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.

Mokhtar:2023:MCF

[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.

Naslund:2018:RMB

[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.

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Nastac:2023:PEK

[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.

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[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. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/3/158.

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[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.

Novianto:2019:DAI

[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`.

Nieves-Rodriguez:2018:EGD

[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 barrier gene expression for tropical gar (*Atractosteus tropicus*) juveniles. *Fishes*, 3(3):27, July 10, 2018. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/3/3/27`.

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[NRKT19] Edwin J. Nijssen, Machiel J. Reinders, Athanasios Krystallis, and Gemma Tacken. Developing an internationalization strategy using diffusion modeling: the case of greater amberjack. *Fishes*, 4(1):12, Febru-

ary 16, 2019. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/4/1/12.

Nuswantoro:2023:EPE

[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.

Nousias:2021:GVP

[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.

Nguyen:2021:BPF

[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`.

Nunes:2023:BSF

[NYS+23] Alberto J. P. Nunes, Hiroshi Yamamoto, João Paulo Simões, João Luiz Pisa, Nelson Miyamoto, and Jordana Sampaio Leite. The black soldier fly (*Hermetia illucens*) larvae meal can cost-effectively replace fish meal in practical nursery diets for post-larval *Penaeus vannamei* under high-density culture. *Fishes*, 8(12):605, December 10, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/12/605`.

Nikiforidou:2020:VMM

[NZVB20] Vasiliki Nikiforidou, Stefanos Zaoutsos, Nikolaos Vlahos, and Panagiotis Berillis. Vertebrae morphometric measurement and Ca/P levels of different age European seabass (*Dicentrarchus labrax*). *Fishes*, 5(4): 37, December 08, 2020. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/5/4/37`.

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[Off18] Fishes Editorial Office. Acknowledgement to reviewers of *Fishes* in 2017. *Fishes*, 3(1):7, January 25, 2018. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/3/1/7`.

Office:2019:ARF

[Off19] Fishes Editorial Office. Acknowledgement to reviewers of *Fishes* in 2018. *Fishes*, 4(1):4, January 29, 2019. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/4/1/4`.

Office:2020:ARF

[Off20] Fishes Editorial Office. Acknowledgement to reviewers of fishes in 2019.

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Office:2021:ARF

[Off21] Fishes Editorial Office. Acknowledgment to reviewers of fishes in 2020. *Fishes*, 6(1):3, January 27, 2021. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/6/1/3.

Office:2023:ARF

[Off23] Fishes Editorial Office. Acknowledgment to the reviewers of *Fishes* in 2022. *Fishes*, 8(2):58, January 18, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/2/58.

Oliveira:2017:PRD

[OGMG+17] Catarina C. V. Oliveira, Mayra I. Grano-Maldonado, Rui A. Gonçalves, Paulo A. Frias, and António V. Sykes. Preliminary results on the daily and seasonal rhythms of cuttlefish *Sepia officinalis* (Linnaeus, 1758) locomotor activity in captivity. *Fishes*, 2(3):9, June 28, 2017. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/2/3/9.

Osowski:2023:DHH

[OJC+23] Ana R. Osowski, Matthew B. Jargowsky, Pearce T. Cooper, Sean P. Powers, and J. Marcus Drymon. Dietary habits of hardhead (*Ariopsis felis*) and gafftopsail (*Bagre marinus*) catfish revealed through DNA barcoding of stomach contents. *Fishes*, 8(11):539, October 31, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/11/539.

Olsson:2019:PCT

[Ols19] Jens Olsson. Past and current trends of coastal predatory fish in the Baltic Sea with a focus on perch, pike, and pikeperch. *Fishes*, 4(1): 7, February 06, 2019. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/4/1/7.

Oliveira:2019:INN

[OMC+19] Diogo Oliveira, André M. Machado, Tiago Cardoso, Mónica Lopes-Marques, L. Filipe C. Castro, and Raquel Ruivo. Identification of a novel nucleobase-ascorbate transporter

family member in fish and amphibians. *Fishes*, 4(1):1, January 01, 2019. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/4/1/1`.

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[OOGAS23] Nwamaka Okeke-Ogbuafor, Tim Gray, Kelechi Ani, and Selina Stead. Proposed solutions to the problems of the Lake Chad fisheries: Resilience lessons for Africa? *Fishes*, 8(2): 64, January 20, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/2/64`.

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[Ord19] James Ord. Ionic stress prompts premature hatching of zebrafish (*Danio rerio*) embryos. *Fishes*, 4(1): 20, March 13, 2019. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/4/1/20`.

Osorio:2023:PCB

[OSM23] Brendon James Osorio, Grzegorz Skrzypek, and Mark Meekan. Parasitic copepods as biochemical tracers of foraging patterns and dietary shifts in whale sharks (*Rhincodon typus* Smith, 1828). *Fishes*, 8 (5):261, May 14, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/5/261`.

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[PAMG19] Anna Pedescoll, Rafael Aguado, Carlos Marcos, and Gustavo González. Performance of a pool and weir fishway for Iberian cyprinids migration: a case study. *Fishes*, 4(3):45, August 16, 2019. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/4/3/45`.

Paolucci:2023:FNF

[Pao23] Marina Paolucci. Fish nutrition and feed technology. *Fishes*, 8(3): 146, February 28, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/3/146`.

Pan:2022:CFP

[PBS+22] Weicong Pan, Soottawat Benjakul, Chiara Sanmartin, Alessandra Guidi, Xiaoguo Ying, Lukai Ma, Xudong Weng, Jin Yu, and Shanggui Deng. Characterization of the flavor profile of bigeye tuna slices treated by cold plasma using E-Nose

and GC-IMS. *Fishes*, 7 (1):13, January 08, 2022. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/7/1/13`.

Pereira:2023:SEC

[PCO+23] Luciana A. Pereira, Leandro Castello, Donald J. Orth, Fabrice Duponchelle, and Eric M. Hallerman. A synthesis of the ecology and conservation of *Pseudoplatystoma* catfishes in the neotropics. *Fishes*, 8(6):306, June 07, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/6/306`.

Pimentel:2020:SLP

[PFM+20] Marta S. Pimentel, Filipa Faleiro, Jorge Machado, Pedro Pousão-Ferreira, and Rui Rosa. Seabream larval physiology under ocean warming and acidification. *Fishes*, 5(1):1, December 20, 2020. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/5/1/1`.

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[PH23] Velmurugu Puvanendran and Øyvind J. Hansen. Short and long-term effects of early and late weaning on Atlantic cod, *Gadus morhua*. *Fishes*, 8(6):312, June 13, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/6/312`.

Peele:2023:EIT

[PHB+23] Emily E. Peele, Charlie Huveneers, Culum Brown, Connor R. Gervais, and Kara E. Yopak. Effects of increased temperature on brain and sensory development in the Port Jackson shark (*Heterodontus portusjacksoni*). *Fishes*, 8(12):611, December 17, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/12/611`.

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[Piz22] Elisabetta Pizzul. Editorial: New trends in freshwater fishes. *Fishes*, 7(6):388, December 13, 2022. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/7/6/388`.

Perez-Jimenez:2022:IFD

[PJPMMV+22] Graciela M. Pérez-Jiménez, Emyr Saul Peña-Marín, Claudia I. Maytorena-Verdugo, Cesar Antonio Sepúlveda-Quiroz, Luis Daniel

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

Papai:2019:NCB

[PKC+19] Nóra Pápai, Ferenc Kagan, György Csikós, Mónika Kosztelnik, Tibor Vellai, and Máté Varga. No correlation between endo- and exoskeletal regenerative capacities in teleost species. *Fishes*, 4(4): 51, October 14, 2019. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/4/4/51`.

Przybyla-Kelly:2023:CPK

[PKSN23a] Kasia J. Przybyla-Kelly, Ashley M. Spoljaric, and Meredith B. Nevers. Correction: Przybyla-Kelly et al. Round Goby Detection in Lakes Huron and Michigan — an Evaluation of eDNA and Fish Catches. Fishes 2023, **8**, 41. *Fishes*, 8 (5):258, May 12, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/5/258`. See [PKSN23b].

Przybyla-Kelly:2023:RGD

[PKSN23b] Kasia J. Przybyla-Kelly, Ashley M. Spoljaric, and Meredith B. Nevers. Round goby detection in Lakes Huron and Michigan — an evaluation of eDNA and fish catches. *Fishes*, 8(1): 41, January 06, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/1/41`. See correction [PKSN23a].

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[PKV+22] Peter Podhorec, Jindřiška Knowles, Jakub Vysloužil, Sergii Boryshpolets, Anatolii Sotnikov, Martina Holická, Jan Kouřil, and Borys Dzyuba. The effect of hormonal treatment on selected sperm quality parameters and

sex steroids in tropical cyprinid bala shark *Balantiocheilos melanopterus*. *Fishes*, 7(3):122, May 30, 2022. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/7/3/122`.

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[PKY+23] Maheshkumar Prakash Patil, Jong-Oh Kim, Seung Hyun Yoo, Yong Bae Seo, Yu-Jin Lee, Jin-Koo Kim, Shin-Ichi Kitamura, and Gun-Do Kim. Complete mitogenome and phylogenetic analysis of a marine ray-finned fish, *Alcichthys elongatus* (Perciformes: Cottidae). *Fishes*, 8(10): 513, October 16, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/10/513`.

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[PLC+24] Dimitrios K. Papadopoulos, Athanasios Lattos, Ioanna Chatzigeorgiou, Aphrodite Tsaballa, Georgios K. Ntinas, and Ioannis A. Giantsis. The influence of water nitrate concentration combined with elevated temperature on rainbow trout *Oncorhynchus mykiss* in an experimental aquaponic setup. *Fishes*, 9(2): 74, February 13, 2024. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/9/2/74`.

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[PLJ+23] Zhilan Peng, Xiaomin Liu, Ming Jin, Yu Zhan, Xiaolin Zhang, Yongbo Bao, and Minhai Liu. Hypoxia activates HIF-1α and affects gene expression and transcriptional regulation of PHD in *Tegillarca granosa*. *Fishes*, 8(7):359, July 11, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/7/359`.

Perez:2019:WPA

[PLV+19] Evaristo Pérez, Fátima Linares, José Luis Rodríguez Villanueva, Antonio Vilar, Constantinos C. Mylonas, Ioannis Fakriadis, Maria Papadaki, Nikos Papandroulakis, Ioannis Papadakis, Rocío Robles, Christian Fauvel, Javier Roo, José Benito Peleteiro, Nuria Lluch, Gema Pazos, Belén Méndez, Irini Sigelaki, Castora Gómez, Montse Pérez, and Blanca Álvarez-Blázquez. Wreckfish (*Polyprion americanus*). new knowledge about reproduction, larval husbandry,

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[PLY+24] Tingshuang Pan, Tong Li, Min Yang, He Jiang, Jun Ling, and Qian Gao. Cardiac transcriptome and histology of the heart of the male Chinese mitten crab (*Eriocheir sinensis*) under high-temperature stress. *Fishes*, 9(3):92, February 28, 2024. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/9/3/92.

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[PMFBI22] Ualerson I. Peixoto, Adauto S. Mello-Filho, Bianca Bentes, and Victoria J. Isaac. Trawl fishing fleet operations used to illustrate the life cycle of the southern brown shrimp: Insights to management and sustainable fisheries. *Fishes*, 7 (3):141, June 17, 2022. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/7/3/141.

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[PNW+22] Yangyang Pang, Chao Niu, Lifeng Wu, Yameng Song, Xiaozhe Song, Ao ya Shi, Xingliang Shi, Zong wen Wu, Boping Tang, Xiaozhen Yang, and Yongxu Cheng. Comprehensive utilization of land resources for photovoltaic power generation to culture Chinese mitten crab (*Eriocheir sinensis*): Growth performance, nutritional composition and tissue color. *Fishes*, 7(4):207, August 18, 2022. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/7/4/207.

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[Poi24] François Poisson. Consumption of post-larval swordfish (*Xiphias gladius*) by dolphinfish (*Coryphaena hippurus*): New ecological insights into both species in the Tyrrhenian Sea. *Fishes*, 9(2):65, February 06, 2024. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/9/2/65.

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[PPAB+18] Maria Papadaki, José Benito Peleteiro, Blanca

Alvarez-Blázquez, José Luis Rodríguez Villanueva, Fatima Linares, Antonio Vilar, Evaristo Pérez Rial, Nuria Lluch, Ioannis Fakriadis, Irini Sigelaki, and Constantinos C. Mylonas. Description of the annual reproductive cycle of wreckfish *Polyprion americanus* in captivity. *Fishes*, 3(4):43, October 19, 2018. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/3/4/43`.

Piper:2023:EAI

[PRPW23] Adam T. Piper, Paula J. Rosewarne, Charlotte Pike, and Rosalind M. Wright. The eel ascending: The influence of lateral slope, climbing substrate and flow rate on eel pass performance. *Fishes*, 8(12): 612, December 18, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/12/612`.

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[PSN18] Wesly Pasaribu, Sukenda Sukenda, and Sri Nuryati. The efficacy of Nile tilapia (Oreochromis niloticus) broodstock and larval immunization against *Streptococcus agalactiae* and *Aeromonas hydrophila*. *Fishes*, 3(1): 16, March 07, 2018. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/3/1/16`.

Pontigo:2019:MEI

[PSO+19] Juan Pablo Pontigo, Julia Saravia, Ricardo Oyarzún, Margarita P. González, Christopher Hawes, Francisco J. Morera, Jorge Pino, Simon Wadsworth, Jose Luis P. Muñoz, and Luis Vargas-Chacoff. Modulation of the expression of immune-related gene in Atlantic and Coho salmon during infestation with the sea lice *Caligus rogercresseyi*. *Fishes*, 4(3):42, July 25, 2019. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/4/3/42`.

Politikos:2022:DVO

[PSP+22] Dimitris V. Politikos, Nikolaos Sykiniotis, Georgios Petasis, Pavlos Dedousis, Alba Ordoñez, Rune Vabø, Aikaterini Anastasopoulou, Endre Moen, Chryssi Mytilineou, Arnt-Børre Salberg, Archontia Chatzispyrou, and Ketil Malde. `DeepOtolith v1.0`: an open-source AI platform

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Pagliarulo:2018:GSS

[PSS+18] Caterina Pagliarulo, Daniela Sateriale, Elisa Scioscia, Nunziatina De Tommasi, Roberta Colicchio, Chiara Pagliuca, Elena Scaglione, Japo Jussila, Jenny Makkonen, Paola Salvatore, and Marina Paolucci. Growth, survival and spore formation of the pathogenic aquatic oomycete *Aphanomyces astaci* and fungus *Fusarium avenaceum* are inhibited by *Zanthoxylum rhoifolium* bark extracts in vitro. *Fishes*, 3(1): 12, February 15, 2018. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/3/1/12`.

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[PSW+23] Edward Perri, Leslie Sturmer, Paul S. Wills, John Baldwin, and Susan Laramore. Effect of microalgal diets on sunray venus clam (Macrocallista nimbosa) production and fatty acid profile. *Fishes*, 8(2): 72, January 26, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/2/72`.

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[PVY+21] Pravata Kumar Pradhan, Dev Kumar Verma, Shrish Chandra Yadav, Atul Krishna Dev, Thangaraj Raja Swaminathan, Anutosh Paria, Rajendran Kooloth Valappil, and Neeraj Sood. Carps, *Catla catla*, *Cirrhinus mrigala* and *Hypophthalmichthys molitrix* are resistant to experimental infection with tilapia lake virus (TiLV). *Fishes*, 6(4):56, November 01, 2021. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/6/4/56`.

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[PWCL23] Ca-Van Pham, Hui-Cheng Wang, Sheng-Hung Chen, and Jie-Min Lee. The threshold effect of overfishing on global fishery outputs: International evidence from a sustainable fishery perspective. *Fishes*, 8(2): 71, January 24, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/2/71`.

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[PWH+23] Paulo Santos Pompeu, Lídia Wouters, Heron Oliveira Hilário, Raquel Coelho Loures, Alexandre Peressin, Ivo Gavião Prado, Fábio Mineo Suzuki, and Daniel Cardoso Carvalho. Inadequate sampling frequency and imprecise taxonomic identification mask results in studies of migratory freshwater fish ichthyoplankton. *Fishes*, 8(10):518, October 19, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/10/518`.

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[PYJ+23] Tingshuang Pan, Min Yang, He Jiang, Tong Li, Guoqing Duan, Jun Ling, and Qian Gao. Effect of *Astragalus membranaceus* on transcriptome and survival of hybrid yellow catfish (*Pseudobagrus vachellii* [male sign] × *Tachysurus fulvidraco* [female sign]) in response to *Aeromonas hydrophila* challenge. *Fishes*, 8(9): 454, September 10, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/9/454`.

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[PYP17] Harry W. Palm, Irfan Yulianto, and Uwe Piatkowski. Trypanorhynch assemblages indicate ecological and phylogenetical attributes of their elasmobranch final hosts. *Fishes*, 2 (2):8, June 17, 2017. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/2/2/8`.

Queller:2023:LLE

[QAC23] Philip S. Queller, Elena R. M. Adams, and Molly E. Cummings. Life-long experience with male mating tactics shapes spatial cognition and coercion evasion in female swordtails. *Fishes*, 8(11): 562, November 20, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/11/562`.

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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:`

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[QPDGF+23] Mario Quintanilla-Pineda, Jesús Díaz, Ana Gutiérrez-Falcon, Francisco C. Ibañez, and Florencio Marzo. Profiling a new postbiotic product for its application in fish aquaculture. *Fishes*, 8 (6):304, June 06, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/6/304.

Quigg:2023:FWC

[QWR+23] Antonietta Quigg, R. J. David Wells, Jay R. Rooker, Ronald L. Hill, Larissa L. Kitchens, Michael A. Dance, David L. Moulton, Phillip J. Sanchez, and Beatrice Padovani Ferreira. Food web connectivity in a mangrove–seagrass–patch reef (MSP) seascape: Lessons from a tropical back-reef in Puerto Rico. *Fishes*, 8 (1):44, January 08, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/1/44.

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[QWY+24] Hengtong Qiu, Huan Wang, Xiaomin Yan, Lin Hu, Yonglin Huang, and Yanni Ye. The identification of a cell cycle regulation gene *Cyclin E* from Hong Kong oysters (*Crassostrea hongkongensis*) and its protein expression in response to salinity stress. *Fishes*, 9 (3):102, March 06, 2024. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/9/3/102.

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[QXAY22] Gaixiao Qin, Jin Xu, Xiaohui Ai, and Yibin Yang. Isolation, identification, and pathogenicity of *Aeromonas veronii*, the causal agent of hemorrhagic septicemia in channel catfish (*Ictalurus punctatus*) in China. *Fishes*, 7(6):394, December 17, 2022. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/7/6/394.

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[RAR+18] Benjamin J. Reading, Linnea K. Andersen, Yong-Woon Ryu, Yuji Mushirobira, Takashi Todo, and Naoshi Hiramatsu. Oogenesis and egg quality in finfish: Yolk formation and other factors influencing female fertility. *Fishes*, 3(4):45, November 21, 2018. CODEN ???? ISSN 2410-3888. URL https:

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[RCL+23] Luigi Rosati, Ivana Caputo, Lillà Lionetti, Mayana Karoline Fontes, Camilo Dias Seabra Pereira, and Anna Capaldo. Side effects of human drug use: an overview of the consequences of eels' exposure to cocaine. *Fishes*, 8 (3):166, March 17, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/3/166.

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[RCR+23] Jaime Romero, Natalia Catalán, Carolina Ramírez, Claudio D. Miranda, Marcia Oliva, Héctor Flores, María Soledad Romero, and Rodrigo Rojas. High abundance of candidatus arthromitus in intestinal microbiota of *Seriolella violacea* (Palm Ruff) under reared conditions. *Fishes*, 8(2): 109, February 13, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/2/109.

Rodriguez-Dominguez:2024:FAD

[RDANPA+24] Guillermo Rodríguez-Domínguez, Eugenio Alberto Aragón-Noriega, Jorge Payán-Alejo, Jaime Edzael Mendivil-Mendoza, Marcelo Vidal Curiel-Bernal, Wenceslao Valenzuela-Quiñonez, and Ricardo Urías-Sotomayor. The fractal approach to describe growth of farmed marine species: Using double and triple logistic models. *Fishes*, 9(3): 106, March 12, 2024. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/9/3/106.

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[RDE+23] Giusy Rusco, Michele Di Iorio, Stefano Esposito, Pierpaolo Gibertoni, Emanuele Antenucci, Valentino Palombo, Alessandra Roncarati, and Nicolaia Iaffaldano. Zootechnical brown trout (*Salmo trutta* L. 1758) ovarian fluid fails to upregulate the swimming performances of native Mediterranean brown trout (*Salmo cettii* Rafinesque, 1810) sperm in the Biferno River. *Fishes*, 8 (4):190, March 31, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/4/190.

Richard:2020:MFW

[RDG+20] Adandé Richard, Liady Mouhamadou Nourou Dine, Djidohokpin Gildas,

Adjahouinou Dogbè Clément, Azon Mahuan Tobias Césaire, Micha Jean-Claude, and Fiogbe Didier Emile. Multispecies fresh water algae production for fish farming using rabbit manure. *Fishes*, 5(4):35, November 30, 2020. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/5/4/35`.

Rusco:2021:CMB

[RDI+21] Giusy Rusco, Michele Di Iorio, Roberta Iampietro, Alessandra Roncarati, Stefano Esposito, and Nicolaia Iaffaldano. Cryobank of Mediterranean brown trout semen: Evaluation of the use of frozen semen up to six hours post-collection. *Fishes*, 6(3): 26, August 02, 2021. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/6/3/26`.

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[RE21] Dmitry A. Ruban and Vladimir A. Ermolaev. Black caviar perturbs reflection of Russian geography: a research note of aquaculture-triggered place naming puzzle. *Fishes*, 6(2):13, April 06, 2021. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/6/2/13`.

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[RGABD20] David Ruiz-García, Kye Adams, Heidi Brown, and Andrew R. Davis. Determining stingray movement patterns in a wave-swept coastal zone using a blimp for continuous aerial video surveillance. *Fishes*, 5(4): 31, September 30, 2020. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/5/4/31`.

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[RGVG19] Tania Rodríguez-González, Jesús Cerezo Valverde, and Benjamín García García. Performance of marine lecithin supplemented feeds for the common octopus (*Octopus vulgaris*) ongrowing: Changes in proximate composition and lipid classes' profile. *Fishes*, 4(3):47, September 12, 2019. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/4/3/47`.

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[RH19] Ulrich G. Reinhardt and Peter J. Hrodey. Trap happiness and catch bias in sea lamprey traps.

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Rind:2023:EDC

[RHU+23] Khalid Hussain Rind, Syed Sikandar Habib, Javed Ahmed Ujan, Francesco Fazio, Saira Naz, Aima Iram Batool, Mujeeb Ullah, Sobia Attaullah, Khayyam Khayyam, and Khalid Khan. The effects of different carbon sources on water quality, growth performance, hematology, immune, and antioxidant status in cultured Nile tilapia with biofloc technology. *Fishes*, 8(10):512, October 14, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/10/512`.

Rahman:2023:ISA

[RIF+23] Afaf N. Abdel Rahman, Sameh H. Ismail, Moustafa M. S. Fouda, Abdelwahab A. Abdelwarith, Elsayed M. Younis, Samah S. Khalil, Mahmoud M. El-Saber, Ahmed E. Abdelhamid, Simon J. Davies, and Rowida E. Ibrahim. Impact of *Streptococcus agalactiae* challenge on 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`.

Ruiz-Jarabo:2021:SPR

[RJFCJC+21] Ignacio Ruiz-Jarabo, Miriam Fernández-Castro, Ismael Jerez-Cepa, Cristina Barragán-Méndez, Montse Pérez, Evaristo Pérez, Juan Gil, Jesús Canoura, Carlos Farias, Juan Miguel Mancera, and Ignacio Sobrino. Survival and physiological recovery after capture by hook-line: the case study of the blackspot seabream (*Pagellus bogaraveo*). *Fishes*, 6(4):64, November 17, 2021. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/6/4/64`.

Ruiz-Jarabo:2018:NRE

[RJMVC+18] Ignacio Ruiz-Jarabo, Pura Márquez, Luis Vargas-Chacoff, Juan Antonio Martos-Sitcha, Salvador Cárdenas, and Juan Miguel Mancera. Narrowing the range of environmental salinities

where juvenile meagre (*Argyrosomus regius*) can be cultured based on an osmoregulatory pilot study. *Fishes*, 3(4): 48, December 13, 2018. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/3/4/48`.

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[RJR+22] Xiaoliang Ren, Shulun Jiang, Long Ren, Yidong Liang, Di'an Fang, and Dongpo Xu. Changes in fish assemblage structure after pen culture removal in Gehu Lake, China. *Fishes*, 7(6): 382, December 09, 2022. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/7/6/382`.

Ruiz-Jarabo:2019:ESA

[RJTVC+19] Ignacio Ruiz-Jarabo, Ana Belén Tinoco, Luis Vargas-Chacoff, Juan Antonio Martos-Sitcha, Ana Rodríguez-Rúa, Salvador Cárdenas, and Juan Miguel Mancera. Environmental salinity affects growth and metabolism in fingerling meagre (*Argyrosomus regius*). *Fishes*, 4 (1):6, February 05, 2019. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/4/1/6`.

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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`.

Roubie:2024:TMD

[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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[RLAE23] Jorge Ramos, Pedro G. Lino, Jaime Aníbal, and Eduardo Esteves. (Un)wanted fish: Potential consumers' acceptability of landings in the Portuguese case. *Fishes*, 8(6):324, June 18, 2023.

CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/6/324.

Rajalakshmi:2023:CED

[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.

Reyes-Mero:2022:YAR

[RMSPMC+22] Byron Manuel Reyes-Mero, Ana María Santana-Piñeros, Leonela Griselda Muñoz-Chumo, Yanis Cruz-Quintana, and Enric Gisbert. Yolk absorption rate and mouth development in larvae of *Dormitator latifrons* (Perciformes: Eleotridae). *Fishes*, 7(6):375, December 07, 2022. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/7/6/375.

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[RRG22] Marta Rodríguez-Rey and Gaël Grenouillet. Disentangling the drivers of the sampling bias of freshwater fish across Europe. *Fishes*, 7(6):383, December 10, 2022. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/7/6/383.

Reyes:2020:NGE

[RRM+20] María Reyes, María Rodríguez, Juan Montes, Fernando G. Barroso, Dmitri Fabrikov, Elvira Morote, and María José Sánchez-Muros. Nutri-

tional and growth effect of insect meal inclusion on seabass (*Dicentrarchuss labrax*) feeds. *Fishes*, 5(2):16, June 01, 2020. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/5/2/16`.

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[RSA17] Nicla Romano, Giuseppe Scapigliati, and Luigi Abelli. Water oxygen content affects distribution of T and B lymphocytes in lymphoid tissues of farmed sea bass (*Dicentrarchus labrax*). *Fishes*, 2(3):16, September 14, 2017. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/2/3/16`.

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[RTBL+18] Miriam Reverter, Nathalie Tapissier-Bontemps, David Lecchini, Bernard Banaigs, and Pierre Sasal. Biological and ecological roles of external fish mucus: a review. *Fishes*, 3 (4):41, October 09, 2018. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/3/4/41`.

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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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[SHT+23] Yongchuang Shi, Haibin Han, Fenghua Tang, Shengmao Zhang, Wei Fan, Heng Zhang, and Zuli Wu. Evaluation performance of three standardization models to estimate catch-per-unit-effort: a case study on Pacific sardine (*Sardinops sagax*) in the Northwest Pacific

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[SKK+23] So Ryung Shin, Hyeon Jin Kim, Jae Won Kim, Dae-Hyeon Kwon, Junghwa Choi, Jung Jun Park, and Jung Sick Lee. Sex ratio, spawning period, and sexual group maturity of the large-head hairtail *Trichiurus japonicus* (Teleostei: Trichiuridae) in Korean waters. *Fishes*, 8(4): 194, April 07, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/4/194.

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[SLC+22] Haneul Seo, Andre Ditya Maulana Lubis, Tae-Jin Choi, Tae-Sung Jung, Taek-Kyun Lee, and Sukchan Lee. Development of an immunoassay detection system for koi herpesvirus using recombinant single-chain variable fragments. *Fishes*, 7(6): 370, December 02, 2022. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/7/6/370.

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[SLS+22] Rokeya Sultana, Qun Liu, Petra Schneider, Md. Abdullah Al-Mamun, Al Mamun, Md. Farhan Tazim, Mohammad Mojibul Hoque Mozumder, Mohammed Rashed Parvej, and Md. Mostafa Shamsuzzaman. Stock assessment of six Sciaenidae species in the Bay of Bengal, Bangladesh water using a Length-Based Bayesian Biomass (LBB) method. *Fishes*, 7(5):214, October 24, 2022. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/7/5/214`.

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[SLYY23] Fangmin Shuai, Jie Li, Shunchao Yu, and Jian Yang. Temporal pattern of the occurrence of Japanese glass eels (*Anguilla japonica*) in the Pearl River Estuary. *Fishes*, 8(5):256, May 11, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/5/256`.

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[SMH+22b] Md Afsar Ahmed Sumon, Mohammad Habibur Rahman Molla, Israa J. Hakeem, Foysal Ahammad, Ramzi H. Amran, Mamdoh T. Jamal, Mohamed Hosny Gabr, Md. Shafiqul Islam, Md. Tariqul Alam, Christopher L. Brown, Eun-Woo Lee, Mohammed Moulay, Amer H. Asseri, F A Dain Md Opo, Ahad Amer Alsaiari, and Md. Tawheed Hasan. Epigenetics and probiotics application toward the modulation of fish reproductive performance. *Fishes*, 7 (4):189, July 28, 2022. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/7/4/189`.

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[SRBCGV+21] Francisco Javier Sanz-Ronda, Francisco Javier Bravo-Córdoba, Ana García-Vega, Jorge Valbuena-Castro, Andrés Martínez de Azagra, and Juan Francisco Fuentes-Pérez. Fish upstream passage through gauging stations: Experiences with Iberian barbel in flat-V weirs. *Fishes*, 6(4):81, December 14, 2021. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/6/4/81`.

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[SRHCO23] John Josephraj Selvaraj, Leidy Viviana Rosero-Henao, and Maria Alejandra Cifuentes-Ossa. Small-scale fisheries in the Colombian Pacific: Understanding the impact of climate change on fishermen's livelihoods. *Fishes*, 8(9): 453, September 09, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/9/453`.

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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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[SSK+22] Yuriy A. Silkin, Mikhail Yu. Silkin, Sergey M. Korotkov, Elizaveta N. Silkina, and Alla Silkina. Erythrocyte respiratory activity of the mitochondrial complex of the black sea thornback ray (*Raja clavata* L.) under the influence of certain activators and inhibitors in vitro. *Fishes*, 7(6): 376, December 07, 2022. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/7/6/376`.

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[SSSP21] Omid Safari, Mehrdad Sarkheil, Davar Shahsavani, and Marina Paolucci. Effects of single or combined administration of dietary synbiotic and sodium propionate on humoral immunity and oxidative defense, digestive enzymes and growth performances of African cichlid (*Labidochromis lividus*) challenged with *Aeromonas hydrophila*. *Fishes*, 6(4):63, November 15, 2021. CODEN ???? ISSN 2410-3888. URL `https:`

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[ŠT19] Vida Šimat and Željka Trumbić. Viability of *Anisakis* spp. larvae after direct exposure to different processing media and non-thermal processing in anchovy fillets. *Fishes*, 4(1):19, March 13, 2019. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/4/1/19.

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[STZ+23] Xuehui Shi, Xinyi Tang, Yichao Zhang, Wenqi Wang, Siyong Qin, Qinghua Liu, and Jie Mei. The early allometric growth and osteological ontogeny of potbellied seahorse (*Hippocampus abdominalis*, L. 1827) under mass-scale captive breeding conditions in North China. *Fishes*, 8(12): 604, December 08, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/12/604.

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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 dif-

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[Sus20] Cory D. Suski. Development of carbon dioxide barriers to deter invasive fishes: Insights and lessons learned from bighead carp. *Fishes*, 5 (3):25, August 13, 2020. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/5/3/25`.

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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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[SWS22] Kyle W. Shertzer, Erik H. Williams, and Skyler R. Sagarese. Modeling discards in stock assessments: Red grouper *Epinephelus morio* in the U.S. Gulf of Mexico. *Fishes*, 7(1):7, December 28, 2022. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/7/1/7`.

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[SWUH23] Daniel E. Sadler, Phillip C. Watts, and Silva Uusi-Heikkilä. The riddle of how fisheries influence genetic diversity. *Fishes*, 8(10):510, October 13, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/10/510`.

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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 defog-

ging 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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[SZF+21] Fengyuan Shen, Zonghang Zhang, Yiqiu Fu, Zhen Zhang, Xin Sun, Jianyu Dong, Xiayang Ding, Muyan Chen, and Xiumei Zhang. Effects of food deprivation duration on the behavior and metabolism of black rockfish (*Sebastes schlegelii*). *Fishes*, 6(4): 58, November 06, 2021. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/6/4/58.

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[SZSW21] Daduk Setyohadi, Umi Zakiyah, Abu Bakar Sambah, and Adi Wijaya. Upwelling impact on *Sardinella lemuru* during the Indian Ocean dipole in the Bali Strait, Indonesia. *Fishes*, 6 (1):8, March 16, 2021. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/6/1/8.

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[SZT+23] Yifan Song, Shengmao Zhang, Fenghua Tang, Yongchuang Shi, Yumei Wu, Jianwen He, Yunyun Chen, and Lin Li. Behavior recognition of squid jigger based on deep learning. *Fishes*, 8(10):502, October 08, 2023. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/8/10/502.

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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. Anti-osteogenic activity of cadmium in zebrafish. *Fishes*, 4(1): 11, February 15, 2019. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/4/1/11`.

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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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[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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[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://www.mdpi.com/2410-3888/8/8/400`.

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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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[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, Flori-

cel 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 precision in close-kin mark–recapture abundance estimation for Atlantic goliath grouper (*Epinephelus itajara*). *Fishes*, 8(5):254, May 10, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/5/254`.

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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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[TVL21] Keo Sa Rate Thach, Hong Tu Vo, and Ji-Yong Lee. Technical efficiency and output losses in shrimp farming: a case in Mekong Delta, Vietnam. *Fishes*, 6(4): 59, November 11, 2021.

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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 viviparous teleosts (Poeciliidae). *Fishes*, 4(2): 35, June 19, 2019. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-3888/4/2/35.

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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

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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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[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://www.mdpi.com/2410-3888/5/3/20`.

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

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[VMBT24] Damir Valić, Matej Kristan Mirković, Višnja Besendorfer, and Emin Teskeredžić. Molecular analysis of two endemic *Squalius* species: Evidence for intergeneric in-

trogression 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`.

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[VMS+23] Jill M. Voorhees, Elizabeth R. J. M. Mamer, Daniel J. Schill, Mitchel Adams, Carlos Martinez, and Michael E. Barnes. 17β-estradiol can induce sex reversal in brown trout. *Fishes*, 8(2):103, February 09, 2023. CODEN ???? ISSN 2410-3888. URL `https://www.mdpi.com/2410-3888/8/2/103`.

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[VPP+22] 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`.

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[XYC+22] Qian Xu, Zheng Yang, Siyu Chen, Wenjuan Zhu, Siyuan Xiao, Jing Liu, Hongquan Wang, and Shile Lan. Effects of replacing dietary fish meal by soybean meal co-fermented using *Bacillus subtilis* and *Enterococcus faecium* on serum antioxidant indices and gut microbiota of crucian carp *Carassius auratus*. *Fishes*, 7 (2):54, April 25, 2022. CODEN ???? ISSN 2410-3888. URL https://www.mdpi.com/2410-

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