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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

251 papers	5,235 citations	38 h-index	55 g-index
259 ext. papers	6,917 ext. citations	3.9 avg, IF	5.89 L-index

#	Paper	IF	Citations
251	Comparison of digestive and antioxidant enzymes activities, haemolymph oxyhemocyanin contents and hepatopancreas histology of white shrimp, <i>Litopenaeus vannamei</i> , at various salinities. <i>Aquaculture</i> , 2008 , 274, 80-86	4.4	146
250	Growth, body composition, respiration and ambient ammonia nitrogen tolerance of the juvenile white shrimp, <i>Litopenaeus vannamei</i> , at different salinities. <i>Aquaculture</i> , 2007 , 265, 385-390	4.4	137
249	Characterization of the intestinal microbiota in Pacific white shrimp, <i>Litopenaeus vannamei</i> , fed diets with different lipid sources. <i>Aquaculture</i> , 2014 , 434, 449-455	4.4	119
248	Response of gut microbiota to salinity change in two euryhaline aquatic animals with reverse salinity preference. <i>Aquaculture</i> , 2016 , 454, 72-80	4.4	116
247	Effects of replacement of dietary fish oil by soybean oil on growth performance and liver biochemical composition in juvenile black seabream, <i>Acanthopagrus schlegeli</i> . <i>Aquaculture</i> , 2008 , 276, 154-161	4.4	98
246	Analysis of a catfish gene resembling interleukin-8: cDNA cloning, gene structure, and expression after infection with <i>Edwardsiella ictaluri</i> . <i>Developmental and Comparative Immunology</i> , 2005 , 29, 135-42	3.2	97
245	Gut Microbiota and its Modulation for Healthy Farming of Pacific White Shrimp <i>Litopenaeus vannamei</i> . <i>Reviews in Fisheries Science and Aquaculture</i> , 2018 , 26, 381-399	8.3	86
244	Response of gut health and microbiota to sulfide exposure in Pacific white shrimp <i>Litopenaeus vannamei</i> . <i>Fish and Shellfish Immunology</i> , 2017 , 63, 87-96	4.3	84
243	Systemic adaptation of lipid metabolism in response to low- and high-fat diet in Nile tilapia (<i>Oreochromis niloticus</i>). <i>Physiological Reports</i> , 2015 , 3, e12485	2.6	80
242	Variation in lipid composition of Chinese mitten-handed crab, <i>Eriocheir sinensis</i> during ovarian maturation. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2001 , 130, 95-104	2.3	77
241	Growth performance, antioxidant status and immune response in darkbarbel catfish <i>Pelteobagrus vachelli</i> fed different PUFA/vitamin E dietary levels and exposed to high or low ammonia. <i>Aquaculture</i> , 2013 , 406-407, 18-27	4.4	72
240	Metabolic response of Nile tilapia (<i>Oreochromis niloticus</i>) to acute and chronic hypoxia stress. <i>Aquaculture</i> , 2018 , 495, 187-195	4.4	72
239	Sequence analysis and expression of a CXC chemokine in resistant and susceptible catfish after infection of <i>Edwardsiella ictaluri</i> . <i>Developmental and Comparative Immunology</i> , 2004 , 28, 769-80	3.2	70
238	Transcriptome sequencing revealed the genes and pathways involved in salinity stress of Chinese mitten crab, <i>Eriocheir sinensis</i> . <i>Physiological Genomics</i> , 2014 , 46, 177-90	3.6	62
237	Functional annotation and analysis of expressed sequence tags from the hepatopancreas of mitten crab (<i>Eriocheir sinensis</i>). <i>Marine Biotechnology</i> , 2009 , 11, 317-26	3.4	62
236	Physiological change and nutritional requirement of Pacific white shrimp <i>Litopenaeus vannamei</i> at low salinity. <i>Reviews in Aquaculture</i> , 2017 , 9, 57-75	8.9	61
235	Cottonseed protein concentrate (CPC) suppresses immune function in different intestinal segments of hybrid grouper <i>Epinephelus fuscoguttatus</i> × <i>Epinephelus lanceolatus</i> via TLR-2/MyD88 signaling pathways. <i>Fish and Shellfish Immunology</i> , 2018 , 81, 318-328	4.3	59

234	Effects of replacing soybean meal with rubber seed meal on growth, antioxidant capacity, non-specific immune response, and resistance to <i>Aeromonas hydrophila</i> in tilapia (<i>Oreochromis niloticus</i> Linnaeus). <i>Fish and Shellfish Immunology</i> , 2015 , 44, 436-44	4.3	57
233	Transcriptome and Molecular Pathway Analysis of the Hepatopancreas in the Pacific White Shrimp <i>Litopenaeus vannamei</i> under Chronic Low-Salinity Stress. <i>PLoS ONE</i> , 2015 , 10, e0131503	3.7	57
232	Effects of ammonia stress, dietary linseed oil and <i>Edwardsiella ictaluri</i> challenge on juvenile darkbarbel catfish <i>Pelteobagrus vachelli</i> . <i>Fish and Shellfish Immunology</i> , 2014 , 38, 158-65	4.3	56
231	Symbiotic Bacteria in Gills and Guts of Chinese Mitten Crab (<i>Eriocheir sinensis</i>) Differ from the Free-Living Bacteria in Water. <i>PLoS ONE</i> , 2016 , 11, e0148135	3.7	55
230	Impacts of data quantity on fisheries stock assessment. <i>Aquatic Sciences</i> , 2003 , 65, 92-98	2.5	52
229	Energy metabolism and metabolomics response of Pacific white shrimp <i>Litopenaeus vannamei</i> to sulfide toxicity. <i>Aquatic Toxicology</i> , 2017 , 183, 28-37	5.1	51
228	Transcriptome Profiling and Molecular Pathway Analysis of Genes in Association with Salinity Adaptation in Nile Tilapia <i>Oreochromis niloticus</i> . <i>PLoS ONE</i> , 2015 , 10, e0136506	3.7	51
227	Growth and Lipid Metabolism of the Pacific White Shrimp <i>Litopenaeus vannamei</i> at Different Salinities. <i>Journal of Shellfish Research</i> , 2014 , 33, 825-832	1	51
226	Effect of feeding and lack of food on the growth, gross biochemical and fatty acid composition of juvenile crab, <i>Eriocheir sinensis</i> . <i>Aquaculture</i> , 2006 , 252, 598-607	4.4	49
225	Mechanisms and metabolic regulation of PPAR α activation in Nile tilapia (<i>Oreochromis niloticus</i>). <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016 , 1861, 1036-1048	5	48
224	Metabolic and immune responses in Chinese mitten-handed crab (<i>Eriocheir sinensis</i>) juveniles exposed to elevated ambient ammonia. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2007 , 145, 363-9	3.2	48
223	Effect of dietary copper on the growth performance, non-specific immunity and resistance to <i>Aeromonas hydrophila</i> of juvenile Chinese mitten crab, <i>Eriocheir sinensis</i> . <i>Fish and Shellfish Immunology</i> , 2013 , 34, 1195-201	4.3	47
222	Comparison of non-volatile compounds and sensory characteristics of Chinese mitten crabs (<i>Eriocheir sinensis</i>) reared in lakes and ponds: Potential environmental factors. <i>Aquaculture</i> , 2012 , 364-365, 96-102	4.4	47
221	The metabolomics responses of Chinese mitten-hand crab (<i>Eriocheir sinensis</i>) to different dietary oils. <i>Aquaculture</i> , 2017 , 479, 188-199	4.4	46
220	Characterization of a mannose-binding lectin from channel catfish (<i>Ictalurus punctatus</i>). <i>Research in Veterinary Science</i> , 2012 , 92, 408-13	2.5	46
219	The food web structure and ecosystem properties of a filter-feeding carps dominated deep reservoir ecosystem. <i>Ecological Modelling</i> , 2007 , 203, 279-289	3	46
218	The site of vitellogenin synthesis in Chinese mitten-handed crab <i>Eriocheir sinensis</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2006 , 143, 453-8	2.3	46
217	Discovery of immune-related genes in Chinese mitten crab (<i>Eriocheir sinensis</i>) by expressed sequence tag analysis of haemocytes. <i>Aquaculture</i> , 2009 , 287, 297-303	4.4	45

216	Fasting enhances cold resistance in fish through stimulating lipid catabolism and autophagy. <i>Journal of Physiology</i> , 2019 , 597, 1585-1603	3.9	43
215	Comparative analysis of the hepatopancreas transcriptome of grass carp (<i>Ctenopharyngodon idellus</i>) fed with lard oil and fish oil diets. <i>Gene</i> , 2015 , 565, 192-200	3.8	41
214	Comparative proteome analysis of the hepatopancreas from the Pacific white shrimp <i>Litopenaeus vannamei</i> under long-term low salinity stress. <i>Journal of Proteomics</i> , 2017 , 162, 1-10	3.9	38
213	Maternal effects of inducible tolerance against the toxic cyanobacterium <i>Microcystis aeruginosa</i> in the grazer <i>Daphnia carinata</i> . <i>Environmental Pollution</i> , 2013 , 178, 142-6	9.3	36
212	A Review of Carbohydrate Nutrition and Metabolism in Crustaceans. <i>North American Journal of Aquaculture</i> , 2016 , 78, 178-187	1.5	36
211	Dietary silymarin supplementation promotes growth performance and improves lipid metabolism and health status in grass carp (<i>Ctenopharyngodon idellus</i>) fed diets with elevated lipid levels. <i>Fish Physiology and Biochemistry</i> , 2017 , 43, 245-263	2.7	35
210	Evaluation of different lipid sources in diet of pacific white shrimp <i>Litopenaeus vannamei</i> at low salinity. <i>Aquaculture Reports</i> , 2015 , 2, 163-168	2.3	35
209	Assessing genetic diversity of populations of topmouth culter (<i>Culter alburnus</i>) in China using AFLP markers. <i>Biochemical Systematics and Ecology</i> , 2007 , 35, 662-669	1.4	33
208	A delta-class glutathione transferase from the Chinese mitten crab <i>Eriocheir sinensis</i> : cDNA cloning, characterization and mRNA expression. <i>Fish and Shellfish Immunology</i> , 2010 , 29, 698-703	4.3	32
207	Glutamate dehydrogenase and Na ⁺ -K ⁺ ATPase expression and growth response of <i>Litopenaeus vannamei</i> to different salinities and dietary protein levels. <i>Chinese Journal of Oceanology and Limnology</i> , 2011 , 29, 343-349		31
206	Effects of glycinin and ß-conglycinin on growth performance and intestinal health in juvenile Chinese mitten crabs (<i>Eriocheir sinensis</i>). <i>Fish and Shellfish Immunology</i> , 2019 , 84, 269-279	4.3	31
205	Comparative transcriptome analysis reveals molecular strategies of oriental river prawn <i>Macrobrachium nipponense</i> in response to acute and chronic nitrite stress. <i>Fish and Shellfish Immunology</i> , 2016 , 48, 254-65	4.3	30
204	Molecular cloning and characterization of the lipopolysaccharide and beta-1, 3-glucan binding protein in Chinese mitten crab (<i>Eriocheir sinensis</i>). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2009 , 154, 17-24	2.3	30
203	A global analysis on the systemic effects of antibiotics in cultured fish and their potential human health risk: a review. <i>Reviews in Aquaculture</i> , 2021 , 13, 1015-1059	8.9	30
202	Nutritional background changes the hypolipidemic effects of fenofibrate in Nile tilapia (<i>Oreochromis niloticus</i>). <i>Scientific Reports</i> , 2017 , 7, 41706	4.9	29
201	Sex-specific alterations of lipid metabolism in zebrafish exposed to polychlorinated biphenyls. <i>Chemosphere</i> , 2019 , 221, 768-777	8.4	29
200	The bioaccumulation of fluoride ion (F ⁻) in Siberian sturgeon (<i>Acipenser baerii</i>) under laboratory conditions. <i>Chemosphere</i> , 2009 , 75, 376-80	8.4	29
199	Evaluation of the distribution of adipose tissues in fish using magnetic resonance imaging (MRI). <i>Aquaculture</i> , 2015 , 448, 112-122	4.4	28

198	Resistance variation within a <i>Daphnia pulex</i> population against toxic cyanobacteria. <i>Journal of Plankton Research</i> , 2013 , 35, 1177-1181	2.2	28
197	Molecular cloning, characterization and mRNA expression of copper-binding protein hemocyanin subunit in Chinese mitten crab, <i>Eriocheir sinensis</i> . <i>Fish and Shellfish Immunology</i> , 2012 , 33, 1222-8	4.3	28
196	Growth and immune response of Chinese mitten crab (<i>Eriocheir sinensis</i>) fed diets containing different lipid sources. <i>Aquaculture Research</i> , 2016 , 47, 1984-1995	1.9	28
195	Lipolytic enzymes involving lipolysis in Teleost: Synteny, structure, tissue distribution, and expression in grass carp (<i>Ctenopharyngodon idella</i>). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2016 , 198, 110-8	2.3	28
194	Dietary oils modify lipid molecules and nutritional value of fillet in Nile tilapia: A deep lipidomics analysis. <i>Food Chemistry</i> , 2019 , 277, 515-523	8.5	28
193	Beneficial effects of dietary β -glucan on growth and health status of Pacific white shrimp <i>Litopenaeus vannamei</i> at low salinity. <i>Fish and Shellfish Immunology</i> , 2019 , 91, 315-324	4.3	27
192	Intestinal bacterial signatures of the "cotton shrimp-like" disease explain the change of growth performance and immune responses in Pacific white shrimp (<i>Litopenaeus vannamei</i>). <i>Fish and Shellfish Immunology</i> , 2019 , 92, 629-636	4.3	27
191	Effects of temperature and salinity on metabolic rate of the Asiatic clam <i>Corbicula fluminea</i> (Müller, 1774). <i>SpringerPlus</i> , 2014 , 3, 455		27
190	cDNA cloning and expression of Ubc9 in the developing embryo and ovary of Oriental river prawn, <i>Macrobrachium nipponense</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2010 , 155, 288-93	2.3	27
189	Effects of lipoic acid on growth performance, body composition, antioxidant status and lipid catabolism of juvenile Chinese mitten crab <i>Eriocheir sinensis</i> fed different lipid percentage. <i>Aquaculture</i> , 2018 , 484, 286-292	4.4	26
188	Comparison of copper bioavailability in copper-methionine, nano-copper oxide and copper sulfate additives in the diet of Russian sturgeon <i>Acipenser gueldenstaedtii</i> . <i>Aquaculture</i> , 2018 , 482, 146-154	4.4	26
187	Growth, Body Composition, and Ammonia Tolerance of Juvenile White Shrimp <i>Litopenaeus vannamei</i> Fed Diets Containing Different Carbohydrate Levels at Low Salinity. <i>Journal of Shellfish Research</i> , 2014 , 33, 511-517	1	26
186	Histological and transcriptomic responses of two immune organs, the spleen and head kidney, in Nile tilapia (<i>Oreochromis niloticus</i>) to long-term hypersaline stress. <i>Fish and Shellfish Immunology</i> , 2018 , 76, 48-57	4.3	25
185	Arginine supplementation improves growth, antioxidant capacity, immunity and disease resistance of juvenile Chinese mitten crab, <i>Eriocheir sinensis</i> . <i>Fish and Shellfish Immunology</i> , 2019 , 93, 463-473	4.3	25
184	Dietary vitamin B12 requirement and its effect on non-specific immunity and disease resistance in juvenile Chinese mitten crab <i>Eriocheir sinensis</i> . <i>Aquaculture</i> , 2014 , 434, 179-183	4.4	25
183	Characterization and expression of glutamate dehydrogenase in response to acute salinity stress in the Chinese mitten crab, <i>Eriocheir sinensis</i> . <i>PLoS ONE</i> , 2012 , 7, e37316	3.7	25
182	The protein-sparing effect of lipoic acid in juvenile grass carp, <i>Ctenopharyngodon idellus</i> : effects on lipolysis, fatty acid oxidation and protein synthesis. <i>British Journal of Nutrition</i> , 2018 , 120, 977-987	3.6	25
181	Dietary copper requirement of juvenile Russian sturgeon <i>Acipenser gueldenstaedtii</i> . <i>Aquaculture</i> , 2016 , 454, 118-124	4.4	24

180	Molecular characterization of three L-type lectin genes from channel catfish, <i>Ictalurus punctatus</i> and their responses to <i>Edwardsiella ictaluri</i> challenge. <i>Fish and Shellfish Immunology</i> , 2012 , 32, 598-608	4.3	24
179	MnHSP90 cDNA characterization and its expression during the ovary development in oriental river prawn, <i>Macrobrachium nipponense</i> . <i>Molecular Biology Reports</i> , 2011 , 38, 1399-406	2.8	24
178	Molecular cloning and characterization of alpha 2-macroglobulin (alpha2-M) from the haemocytes of Chinese mitten crab <i>Eriocheir sinensis</i> . <i>Fish and Shellfish Immunology</i> , 2010 , 29, 195-203	4.3	24
177	Gene discovery from an ovary cDNA library of oriental river prawn <i>Macrobrachium nipponense</i> by ESTs annotation. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2009 , 4, 111-20	2.0	24
176	Purification of vitellin from the ovary of Chinese mitten-handed crab (<i>Eriocheir sinensis</i>) and development of an antivitelin ELISA. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2004 , 138, 305-11	2.3	24
175	Karyological analyses on redclaw crayfish <i>Cherax quadricarinatus</i> (Decapoda: Parastacidae). <i>Aquaculture</i> , 2004 , 234, 65-76	4.4	24
174	The comparisons in protective mechanisms and efficiencies among dietary Hippic acid, Eglucan and l-carnitine on Nile tilapia infected by <i>Aeromonas hydrophila</i> . <i>Fish and Shellfish Immunology</i> , 2019 , 86, 785-793	4.3	24
173	Hippoic acid ameliorates n-3 highly-unsaturated fatty acids induced lipid peroxidation via regulating antioxidant defenses in grass carp (<i>Ctenopharyngodon idellus</i>). <i>Fish and Shellfish Immunology</i> , 2017 , 67, 359-367	4.3	23
172	Dietary mannan oligosaccharide (MOS) improves growth performance, antioxidant capacity, non-specific immunity and intestinal histology of juvenile Chinese mitten crabs (<i>Eriocheir sinensis</i>). <i>Aquaculture</i> , 2019 , 510, 337-346	4.4	23
171	Growth, body composition, ammonia tolerance and hepatopancreas histology of white shrimp <i>Litopenaeus vannamei</i> fed diets containing different carbohydrate sources at low salinity. <i>Aquaculture Research</i> , 2016 , 47, 1932-1943	1.9	23
170	Leptin Selectively Regulates Nutrients Metabolism in Nile Tilapia Fed on High Carbohydrate or High Fat Diet. <i>Frontiers in Endocrinology</i> , 2018 , 9, 574	5.7	23
169	Environmental estrogen exposure converts lipid metabolism in male fish to a female pattern mediated by AMPK and mTOR signaling pathways. <i>Journal of Hazardous Materials</i> , 2020 , 394, 122537	12.8	22
168	Molecular characterization and immune response to lipopolysaccharide (LPS) of the suppressor of cytokine signaling (SOCS)-1, 2 and 3 genes in Nile tilapia (<i>Oreochromis niloticus</i>). <i>Fish and Shellfish Immunology</i> , 2016 , 50, 160-7	4.3	22
167	Structure and seasonal dynamics of bacterial communities in three urban rivers in China. <i>Aquatic Sciences</i> , 2012 , 74, 113-120	2.5	22
166	Dietary prebiotic inulin benefits on growth performance, antioxidant capacity, immune response and intestinal microbiota in Pacific white shrimp (<i>Litopenaeus vannamei</i>) at low salinity. <i>Aquaculture</i> , 2020 , 518, 734847	4.4	22
165	Dietary supplementation of selenium yeast enhances the antioxidant capacity and immune response of juvenile <i>Eriocheir Sinensis</i> under nitrite stress. <i>Fish and Shellfish Immunology</i> , 2019 , 87, 22-34	4.3	22
164	The metabolic regulation of dietary L-carnitine in aquaculture nutrition: present status and future research strategies. <i>Reviews in Aquaculture</i> , 2019 , 11, 1228-1257	8.9	22
163	Growth and metabolomic responses of Pacific white shrimp (<i>Litopenaeus vannamei</i>) to different dietary fatty acid sources and salinity levels. <i>Aquaculture</i> , 2019 , 499, 329-340	4.4	22

162	Growth, immune response and resistance to <i>Aeromonas hydrophila</i> of darkbarbel catfish, <i>Pelteobagrus vachelli</i> (Richardson), fed diets with different linolenic acid levels. <i>Aquaculture Research</i> , 2015 , 46, 789-800	1.9	21
161	Molecular Pathway and Gene Responses of the Pacific White Shrimp <i>Litopenaeus vannamei</i> to Acute Low Salinity Stress. <i>Journal of Shellfish Research</i> , 2015 , 34, 1037-1048	1	20
160	Characterization and Tissue-Specific Expression of the Two Glutamate Dehydrogenase cDNAs in Pacific White Shrimp, <i>Litopenaeus Vannamei</i> . <i>Journal of Crustacean Biology</i> , 2009 , 29, 379-386	0.8	20
159	Acute toxicity of boron to juvenile white shrimp, <i>Litopenaeus vannamei</i> , at two salinities. <i>Aquaculture</i> , 2008 , 278, 175-178	4.4	20
158	Molecular characterization and expression of AMP-activated protein kinase in response to low-salinity stress in the Pacific white shrimp <i>Litopenaeus vannamei</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2016 , 198, 79-90	2.3	20
157	Molecular characterization, transcriptional activity and nutritional regulation of peroxisome proliferator activated receptor gamma in Nile tilapia (<i>Oreochromis niloticus</i>). <i>General and Comparative Endocrinology</i> , 2015 , 223, 139-47	3	19
156	The Expression of the β Fatty Acyl Desaturase-Like Gene from Pacific White Shrimp (<i>Litopenaeus vannamei</i>) Under Different Salinities and Dietary Lipid Compositions. <i>Journal of Shellfish Research</i> , 2017 , 36, 501-509	1	19
155	Developing robust frequentist and Bayesian fish stock assessment methods. <i>Fish and Fisheries</i> , 2003 , 4, 105-120	6	19
154	High carbohydrate diet partially protects Nile tilapia (<i>Oreochromis niloticus</i>) from oxytetracycline-induced side effects. <i>Environmental Pollution</i> , 2020 , 256, 113508	9.3	19
153	Nutrients and contaminants in tissues of five fish species obtained from Shanghai markets: Risk-benefit evaluation from human health perspectives. <i>Science of the Total Environment</i> , 2015 , 536, 933-945	10.2	18
152	Effects of myo-inositol on growth performance, body composition, antioxidant status, non-specific immunity and lipid metabolism of juvenile Chinese mitten crab (<i>Eriocheir sinensis</i>). <i>Aquaculture Nutrition</i> , 2020 , 26, 1623-1635	3.2	18
151	Mitochondrial Fatty Acid β Oxidation Inhibition Promotes Glucose Utilization and Protein Deposition through Energy Homeostasis Remodeling in Fish. <i>Journal of Nutrition</i> , 2020 , 150, 2322-2335	4.1	18
150	Comparative Transcriptome Analysis in the Hepatopancreas Tissue of Pacific White Shrimp <i>Litopenaeus vannamei</i> Fed Different Lipid Sources at Low Salinity. <i>PLoS ONE</i> , 2015 , 10, e0144889	3.7	18
149	A mixture of fish oil and soybean oil as a dietary lipid source prevents precocity and promotes growth in juvenile <i>Macrobrachium nipponense</i> (De Haan). <i>Aquaculture Research</i> , 2014 , 45, 1567-1572	1.9	18
148	Changes in the trophic interactions and the community structure of Lake Taihu (China) ecosystem from the 1960s to 1990s. <i>Aquatic Ecology</i> , 2010 , 44, 337-348	1.9	18
147	Effects of dietary protein to energy ratios on growth, body composition and digestive enzyme activities in Chinese mitten-handed crab, <i>Eriocheir sinensis</i> . <i>Aquaculture Research</i> , 2017 , 48, 2243-2252	1.9	17
146	Concentration-dependent effects of 17 β -estradiol and bisphenol A on lipid deposition, inflammation and antioxidant response in male zebrafish (<i>Danio rerio</i>). <i>Chemosphere</i> , 2019 , 237, 124422	8.4	17
145	Temporal and spatial variation of fish assemblages in Dianshan Lake, Shanghai, China. <i>Chinese Journal of Oceanology and Limnology</i> , 2014 , 32, 799-809		17

144	Partial or complete substitution of fish meal with soybean meal and cottonseed meal in Chinese mitten crab <i>Eriocheir sinensis</i> diets. <i>Aquaculture International</i> , 2013 , 21, 617-628	2.6	17
143	Molecular characterization and nutritional regulation of carnitine palmitoyltransferase (CPT) family in grass carp (<i>Ctenopharyngodon idellus</i>). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2017 , 203, 11-19	2.3	17
142	Identification, characterization and nutritional regulation of two isoforms of acyl-coenzyme A oxidase 1 gene in Nile tilapia (<i>Oreochromis niloticus</i>). <i>Gene</i> , 2014 , 545, 30-5	3.8	17
141	Molecular cloning, characterization and expression of a C-type lectin cDNA in Chinese mitten crab, <i>Eriocheir sinensis</i> . <i>Fish and Shellfish Immunology</i> , 2011 , 31, 358-63	4.3	17
140	Cryptic species and systematics of the hynobiid salamanders of the Liua-Pseudohynobius complex: Molecular and phylogenetic perspectives. <i>Biochemical Systematics and Ecology</i> , 2006 , 34, 467-477	1.4	17
139	Effect of dietary lipids and vitamin E on growth performance, body composition, anti-oxidative ability and resistance to <i>Aeromonas hydrophila</i> challenge of juvenile Chinese mitten crab <i>Eriocheir sinensis</i> . <i>Aquaculture Research</i> , 2015 , 46, 2544-2558	1.9	16
138	Fishmeal replacement by soybean, rapeseed and cottonseed meals in hybrid sturgeon <i>Acipenser baerii</i> ? <i>Acipenser schrenckii</i> ?. <i>Aquaculture Nutrition</i> , 2018 , 24, 1369-1377	3.2	16
137	Cyanobacteria alter competitive outcomes between <i>Daphnia</i> and <i>Bosmina</i> in dependence on environmental conditions. <i>Fundamental and Applied Limnology</i> , 2014 , 184, 11-22	1.9	16
136	Influence of dietary phospholipid on growth performance, body composition, antioxidant capacity and lipid metabolism of Chinese mitten crab, <i>Eriocheir sinensis</i> . <i>Aquaculture</i> , 2020 , 516, 734653	4.4	16
135	Effects of lipoic acid on growth performance, body composition, antioxidant profile and lipid metabolism of the GIFT tilapia (<i>Oreochromis niloticus</i>) fed high-fat diets. <i>Aquaculture Nutrition</i> , 2019 , 25, 585-596	3.2	15
134	Growth, energy metabolism and transcriptomic responses in Chinese mitten crab (<i>Eriocheir sinensis</i>) to benzo[a]pyrene (BaP) toxicity. <i>Aquatic Toxicology</i> , 2018 , 203, 150-158	5.1	15
133	Effect of single and combined immunostimulants on growth, anti-oxidation activity, non-specific immunity and resistance to <i>Aeromonas hydrophila</i> in Chinese mitten crab (<i>Eriocheir sinensis</i>). <i>Fish and Shellfish Immunology</i> , 2019 , 93, 732-742	4.3	15
132	Predation and cyanobacteria jointly facilitate competitive dominance of small-bodied cladocerans. <i>Journal of Plankton Research</i> , 2014 , 36, 956-965	2.2	15
131	Molecular cloning of glucose transporter 1 in grouper <i>Epinephelus coioides</i> and effects of an acute hyperglycemia stress on its expression and glucose tolerance. <i>Fish Physiology and Biochemistry</i> , 2017 , 43, 103-114	2.7	15
130	lipoic acid regulate growth, antioxidant status and lipid metabolism of Chinese mitten crab <i>Eriocheir sinensis</i> : Optimum supplement level and metabonomics response. <i>Aquaculture</i> , 2019 , 506, 94-103	4.4	14
129	Brain Transcriptome Profiling Analysis of Nile Tilapia () Under Long-Term Hypersaline Stress. <i>Frontiers in Physiology</i> , 2018 , 9, 219	4.6	14
128	Fitness benefits and costs of induced defenses in <i>Daphnia carinata</i> (Cladocera: Daphnidae) exposed to cyanobacteria. <i>Hydrobiologia</i> , 2013 , 702, 105-113	2.4	14
127	Characterization of a serine proteinase homologous (SPH) in Chinese mitten crab <i>Eriocheir sinensis</i> . <i>Developmental and Comparative Immunology</i> , 2010 , 34, 14-8	3.2	14

126	cDNA cloning and expression analysis of gustavus gene in the oriental river prawn <i>Macrobrachium nipponense</i> . <i>PLoS ONE</i> , 2011 , 6, e17170	3.7	14
125	Species Increase Energy Harvest by Modulating Intestinal Microbiota in Fish: Nondominant Species Play Important Functions. <i>MSystems</i> , 2020 , 5,	7.6	13
124	Toxic effect of chronic waterborne copper exposure on growth, immunity, anti-oxidative capacity and gut microbiota of Pacific white shrimp <i>Litopenaeus vannamei</i> . <i>Fish and Shellfish Immunology</i> , 2020 , 100, 445-455	4.3	13
123	Response of AMP-activated protein kinase and energy metabolism to acute nitrite exposure in the Nile tilapia <i>Oreochromis niloticus</i> . <i>Aquatic Toxicology</i> , 2016 , 177, 86-97	5.1	13
122	Functional differences between l- and d-carnitine in metabolic regulation evaluated using a low-carnitine Nile tilapia model. <i>British Journal of Nutrition</i> , 2019 , 122, 625-638	3.6	13
121	Dietary Vitamin B6 Requirement of the Pacific White Shrimp, <i>Litopenaeus vannamei</i> , at Low Salinity. <i>Journal of the World Aquaculture Society</i> , 2010 , 41, 756-763	2.5	13
120	T-2 toxin in the diet suppresses growth and induces immunotoxicity in juvenile Chinese mitten crab (<i>Eriocheir sinensis</i>). <i>Fish and Shellfish Immunology</i> , 2020 , 97, 593-601	4.3	13
119	Effects of the dietary protein to energy ratio on growth, feed utilization and body composition in <i>Macrobrachium nipponense</i> . <i>Aquaculture Nutrition</i> , 2017 , 23, 313-321	3.2	12
118	Reduced oxidative stress increases acute cold stress tolerance in zebrafish. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2019 , 235, 166-173	2.6	12
117	Gemfibrozil improves lipid metabolism in Nile tilapia <i>Oreochromis niloticus</i> fed a high-carbohydrate diet through peroxisome proliferator activated receptor- α activation. <i>General and Comparative Endocrinology</i> , 2020 , 296, 113537	3	12
116	Growth and health status of Pacific white shrimp, <i>Litopenaeus vannamei</i> , exposed to chronic water born cobalt. <i>Fish and Shellfish Immunology</i> , 2020 , 100, 137-145	4.3	12
115	Effect of dietary lipid source and vitamin E on growth, non-specific immune response and resistance to <i>Aeromonas hydrophila</i> challenge of Chinese mitten crab <i>Eriocheir sinensis</i> . <i>Aquaculture Research</i> , 2018 , 49, 2023-2032	1.9	12
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113	Tolerance of <i>Physocypria kraepelini</i> (Crustacean, Ostracoda) to water-borne ammonia, phosphate and pH value. <i>Journal of Environmental Sciences</i> , 2009 , 21, 1575-80	6.4	12
112	Clonal variation in growth plasticity within a <i>Bosmina longirostris</i> population: the potential for resistance to toxic cyanobacteria. <i>PLoS ONE</i> , 2013 , 8, e73540	3.7	12
111	The individual and combined effects of hypoxia and high-fat diet feeding on nutrient composition and flesh quality in Nile tilapia (<i>Oreochromis niloticus</i>). <i>Food Chemistry</i> , 2021 , 343, 128479	8.5	12
110	Soybean and cottonseed meals are good candidates for fishmeal replacement in the diet of juvenile <i>Macrobrachium nipponense</i> . <i>Aquaculture International</i> , 2018 , 26, 309-324	2.6	12
109	Forkhead box O1 in grass carp <i>Ctenopharyngodon idella</i> : Molecular characterization, gene structure, tissue distribution and mRNA expression in insulin-inhibited adipocyte lipolysis. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2017 , 204, 76-84	2.6	11

108	Morphology, mitochondrial development and adipogenic-related genes expression during adipocytes differentiation in grass carp (<i>Ctenopharyngodon idellus</i>). <i>Science Bulletin</i> , 2015 , 60, 1241-1251	10.6	11
107	Sodium butyrate can improve intestinal integrity and immunity in juvenile Chinese mitten crab (<i>Eriocheir sinensis</i>) fed glycinin. <i>Fish and Shellfish Immunology</i> , 2020 , 102, 400-411	4.3	11
106	Two isoforms of hormone-sensitive lipase b are generated by alternative exons usage and transcriptional regulation by insulin in grass carp (<i>Ctenopharyngodon idella</i>). <i>Fish Physiology and Biochemistry</i> , 2017 , 43, 539-547	2.7	11
105	Evaluating ecosystem structure and functioning of the East China Sea Shelf ecosystem, China. <i>Hydrobiologia</i> , 2009 , 636, 331-351	2.4	11
104	An updated and annotated checklist of recent nonmarine ostracods from China. <i>Zootaxa</i> , 2009 , 2067, 29-50	0.5	11
103	Gnotobiotic models: Powerful tools for deeply understanding intestinal microbiota-host interactions in aquaculture. <i>Aquaculture</i> , 2020 , 517, 734800	4.4	11
102	Metabolism of linoleic and linolenic acids in hepatocytes of two freshwater fish with different n-3 or n-6 fatty acid requirements. <i>Aquaculture</i> , 2020 , 515, 734595	4.4	11
101	PPAR α activation enhances the ability of nile tilapia (<i>Oreochromis niloticus</i>) to resist <i>Aeromonas hydrophila</i> infection. <i>Fish and Shellfish Immunology</i> , 2019 , 94, 675-684	4.3	10
100	Selecting suitable phospholipid source for female <i>Eriocheir sinensis</i> in pre-reproductive phase. <i>Aquaculture</i> , 2020 , 528, 735610	4.4	10
99	The regulation of rapamycin on nutrient metabolism in Nile tilapia fed with high-energy diet. <i>Aquaculture</i> , 2020 , 520, 734975	4.4	10
98	Cloning and differential expression pattern of pituitary adenylyl cyclase-activating polypeptide and the PACAP-specific receptor in darkbarbel catfish <i>Pelteobagrus vachelli</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2012 , 161, 41-53	2.3	10
97	Acute tolerance and metabolic responses of Chinese mitten crab (<i>Eriocheir sinensis</i>) juveniles to ambient nitrite. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2009 , 149, 419-26	3.2	10
96	Inulin alleviates hypersaline-stress induced oxidative stress and dysbiosis of gut microbiota in Nile tilapia (<i>Oreochromis niloticus</i>). <i>Aquaculture</i> , 2020 , 529, 735681	4.4	10
95	Forskolin reduces fat accumulation in Nile tilapia (<i>Oreochromis niloticus</i>) through stimulating lipolysis and beta-oxidation. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2019 , 230, 7-15	2.6	10
94	Effects of dietary carbohydrate levels on growth, glucose tolerance, glucose homeostasis and GLUT4 gene expression in <i>Tilapia nilotica</i> . <i>Aquaculture Research</i> , 2018 , 49, 3735-3745	1.9	10
93	Relief of hypersaline stress in Nile tilapia <i>Oreochromis niloticus</i> by dietary supplementation of a host-derived <i>Bacillus subtilis</i> strain. <i>Aquaculture</i> , 2020 , 528, 735542	4.4	9
92	Endoplasmic reticulum stress mediates 4,5-dichloro-2-n-octyl-4-isothiazolin-3-one (DCOIT)-induced toxicity and liver lipid metabolism changes in Nile tilapia (<i>Oreochromis niloticus</i>). <i>Environmental Pollution</i> , 2018 , 242, 1981-1987	9.3	9
91	Growth and health responses to a long-term pH stress in Pacific white shrimp <i>Litopenaeus vannamei</i> . <i>Aquaculture Reports</i> , 2020 , 16, 100280	2.3	9

90	Effects of dietary T-2 toxin on gut health and gut microbiota composition of the juvenile Chinese mitten crab (<i>Eriocheir sinensis</i>). <i>Fish and Shellfish Immunology</i> , 2020 , 106, 574-582	4.3	9
89	Improvement of dietary N-acetylcysteine on growth inhibition and intestinal damage induced by Etxnglycinin in juvenile Chinese mitten crabs (<i>Eriocheir sinensis</i>). <i>Aquaculture</i> , 2020 , 514, 734504	4.4	9
88	Comparison of effects of dietary-specific fatty acids on growth and lipid metabolism in Nile tilapia. <i>Aquaculture Nutrition</i> , 2019 , 25, 862-872	3.2	8
87	G0S2a1 (G0/G1 switch gene 2a1) is downregulated by TNF- α in grass carp (<i>Ctenopharyngodon idellus</i>) hepatocytes through PPAR α inhibition. <i>Gene</i> , 2018 , 641, 1-7	3.8	8
86	Dietary Aroclor 1254-Induced Toxicity on Antioxidant Capacity, Immunity and Energy Metabolism in Chinese Mitten Crab : Amelioration by Vitamin A. <i>Frontiers in Physiology</i> , 2019 , 10, 722	4.6	8
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84	Peroxisomal proliferator-activated receptor β deficiency induces the reprogramming of nutrient metabolism in zebrafish. <i>Journal of Physiology</i> , 2020 , 598, 4537-4553	3.9	8
83	Untargeted GC-MS metabolomics reveals metabolic differences in the Chinese mitten-hand crab (<i>Eriocheir sinensis</i>) fed with dietary palm oil or olive oil. <i>Aquaculture Nutrition</i> , 2018 , 24, 1623-1637	3.2	8
82	Effects of replacing soybean meal with rubber seed meal on digestive enzyme activity, nutrient digestibility and retention in tilapia (<i>Oreochromis niloticus</i> <i>Oreochromis aureus</i>). <i>Aquaculture Research</i> , 2017 , 48, 1767-1777	1.9	7
81	Pigment epithelium-derived factor improves TNF α -induced hepatic steatosis in grass carp (<i>Ctenopharyngodon idella</i>). <i>Developmental and Comparative Immunology</i> , 2017 , 71, 8-17	3.2	7
80	Diacylglycerol oil reduces fat accumulation and increases protein content by inducing lipid catabolism and protein metabolism in Nile tilapia (<i>Oreochromis niloticus</i>). <i>Aquaculture</i> , 2019 , 510, 90-99	4.4	7
79	Effects of perfluorooctane sulfonate on the immune responses and expression of immune-related genes in Chinese mitten-handed crab <i>Eriocheir sinensis</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2015 , 172-173, 13-8	3.2	7
78	Growth and Stress Axis Responses to Dietary Cholesterol in Nile Tilapia () in Brackish Water. <i>Frontiers in Physiology</i> , 2018 , 9, 254	4.6	7
77	Inhibited autophagy impairs systemic nutrient metabolism in Nile tilapia. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2019 , 236, 110521	2.6	7
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75	Growth performance, lipid requirement and antioxidant capacity of juvenile Russian sturgeon <i>Acipenser gueldenstaedti</i> fed various levels of linoleic and linolenic acids. <i>Aquaculture Research</i> , 2017 , 48, 3216-3229	1.9	7
74	Features of an intersex Chinese mitten crab, <i>Eriocheir Japonica Sinensis</i> (Decapoda, Brachyura). <i>Crustaceana</i> , 2005 , 78, 371-377	0.4	7
73	High protein diet alleviates the high pH stress in Chinese mitten crab <i>Eriocheir sinensis</i> . <i>Aquaculture</i> , 2020 , 516, 734523	4.4	7

72	Influences of dietary vitamin D on growth, antioxidant capacity, immunity and molting of Chinese mitten crab (<i>Eriocheir sinensis</i>) larvae. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2021 , 210, 105862	5.1	7
71	Toxicity of 4,5-dichloro-2-n-octyl-4-isothiazolin-3-one (DCOIT) in the marine decapod <i>Litopenaeus vannamei</i> . <i>Environmental Pollution</i> , 2019 , 251, 708-716	9.3	6
70	Impaired peroxisomal fat oxidation induces hepatic lipid accumulation and oxidative damage in Nile tilapia. <i>Fish Physiology and Biochemistry</i> , 2020 , 46, 1229-1242	2.7	6
69	Deep insight into bacterial community characterization and relationship in the pond water, sediment and the gut of shrimp (<i>Penaeus japonicus</i>). <i>Aquaculture</i> , 2021 , 539, 736658	4.4	6
68	Molecular Cloning, Characterization, and mRNA Expression of Hemocyanin Subunit in Oriental River Prawn. <i>International Journal of Genomics</i> , 2016 , 2016, 6404817	2.5	6
67	Dietary phospholipid alleviates the adverse effects of high-lipid diet in Chinese mitten crab (<i>Eriocheir sinensis</i>). <i>Aquaculture</i> , 2021 , 531, 735899	4.4	6
66	Effect of dietary phosphorus on growth performance, body composition, antioxidant activities and lipid metabolism of juvenile Chinese mitten crab (<i>Eriocheir sinensis</i>). <i>Aquaculture</i> , 2021 , 531, 735856	4.4	6
65	Effects of replacing fish meal with rubber seed meal on growth, nutrient utilization, and cholesterol metabolism of tilapia (<i>Oreochromis niloticus</i> [D. aureus]). <i>Fish Physiology and Biochemistry</i> , 2017 , 43, 941-954	2.7	5
64	Growth, Metabolite, Antioxidative Capacity, Transcriptome, and the Metabolome Response to Dietary Choline Chloride in Pacific White Shrimp. <i>Animals</i> , 2020 , 10,	3.1	5
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61	. <i>Turkish Journal of Fisheries and Aquatic Sciences</i> , 2012 , 12,	1.2	5
60	Inhibited carnitine synthesis impairs adaptation to high-fat diet in Nile tilapia (<i>Oreochromis niloticus</i>). <i>Aquaculture Reports</i> , 2020 , 16, 100249	2.3	5
59	Growth, osmotic response and transcriptome response of the euryhaline teleost, <i>Oreochromis mossambicus</i> fed different myo-inositol levels under long-term salinity stress. <i>Aquaculture</i> , 2021 , 534, 736294	4.4	5
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57	IGF-1 induces SOCS-2 but not SOCS-1 and SOCS-3 transcription in juvenile Nile tilapia (). <i>Journal of Experimental Biology</i> , 2018 , 221,	3	4
56	Comparative Analysis of Fatty Acid Profiles in Brains and Eyes of Five Economic Fish Species in Winter and Summer. <i>Journal of Food and Nutrition Research (Newark, Del)</i> , 2014 , 2, 722-730	1.9	4
55	Dietary vitamin A affects growth performance, immunity, antioxidant capacity, and lipid metabolism of juvenile Chinese mitten crab <i>Eriocheir sinensis</i> . <i>Aquaculture</i> , 2022 , 548, 737556	4.4	4

54	Growth, physiological, biochemical, and molecular responses of Pacific white shrimp <i>Litopenaeus vannamei</i> fed different levels of dietary selenium. <i>Aquaculture</i> , 2021 , 535, 736393	4.4	4
53	Response of lipid molecular structure to dietary lipid type in Chinese mitten crab <i>Eriocheir sinensis</i> : A deep lipidomics analysis. <i>Aquaculture Reports</i> , 2021 , 19, 100596	2.3	4
52	ameliorates high-carbohydrate diet-induced metabolic phenotypes by restoration of intestinal acetate-producing bacteria in Nile Tilapia. <i>British Journal of Nutrition</i> , 2021 , 1-13	3.6	4
51	Molecular identification of dmrt1 and its promoter CpG methylation in correlation with gene expression during gonad development in <i>Culter alburnus</i> . <i>Fish Physiology and Biochemistry</i> , 2019 , 45, 245-252	2.7	4
50	Dietary aflatoxin impairs flesh quality through reducing nutritional value and changing myofiber characteristics in yellow catfish (<i>Pelteobagrus fulvidraco</i>). <i>Animal Feed Science and Technology</i> , 2021 , 274, 114764	3	4
49	Evaluation of the optimum dietary iron level and its immunomodulatory effects on juvenile Chinese mitten crab, <i>Eriocheir sinensis</i> . <i>Aquaculture</i> , 2021 , 544, 737122	4.4	4
48	Dietary gamma-aminobutyric acid (GABA) supplementation increases food intake, influences the expression of feeding-related genes and improves digestion and growth of Chinese mitten crab (<i>Eriocheir sinensis</i>). <i>Aquaculture</i> , 2022 , 546, 737332	4.4	4
47	Dietary Copper Requirement of Juvenile Oriental River Prawn <i>Macrobrachium nipponense</i> , and its Effects on Growth, Antioxidant Activities, and Resistance to <i>Aeromonas hydrophila</i> . <i>Israeli Journal of Aquaculture - Bamidgeh</i> , 66,		4
46	Toxic effect of chronic nitrite exposure on growth and health in Pacific white shrimp <i>Litopenaeus vannamei</i> . <i>Aquaculture</i> , 2020 , 529, 735664	4.4	3
45	Effects of replacing soybean meal protein with cottonseed protein concentrate on the growth condition and intestinal health of Nile tilapia (<i>Oreochromis niloticus</i>). <i>Aquaculture Nutrition</i> , 2021 , 27, 2436	3.2	3
44	Impact of imidacloprid exposure on the biochemical responses, transcriptome, gut microbiota and growth performance of the Pacific white shrimp <i>Litopenaeus vannamei</i> . <i>Journal of Hazardous Materials</i> , 2022 , 424, 127513	12.8	3
43	Alleviation of the Adverse Effect of Dietary Carbohydrate by Supplementation of -Inositol to the Diet of Nile Tilapia (). <i>Animals</i> , 2020 , 10,	3.1	3
42	Inulin alleviates adverse metabolic syndrome and regulates intestinal microbiota composition in Nile tilapia () fed with high-carbohydrate diet. <i>British Journal of Nutrition</i> , 2021 , 126, 161-171	3.6	3
41	Relationship between myo-inositol synthesis and carbohydrate metabolism changes in Mozambique tilapia (<i>Oreochromis mossambicus</i>) under acute hypersaline stress. <i>Aquaculture</i> , 2021 , 532, 736005	4.4	3
40	Glucose tolerance of grass carp <i>Ctenopharyngodon idellus</i> after a long-term adaptation to carbohydrate-to-lipid ratio diets. <i>Aquaculture Research</i> , 2018 , 49, 3881-3888	1.9	3
39	Effects and Mechanism of Different Phospholipid Diets on Ovary Development in Female Broodstock Pacific White Shrimp, .. <i>Frontiers in Nutrition</i> , 2022 , 9, 830934	6.2	3
38	Nutritional regulation of gene expression and enzyme activity of phosphoenolpyruvate carboxykinase in the hepatic gluconeogenesis pathway in golden pompano (<i>Trachinotus ovatus</i>). <i>Aquaculture Research</i> , 2019 , 50, 634-643	1.9	2
37	. <i>Turkish Journal of Fisheries and Aquatic Sciences</i> , 2017 , 17,	1.2	2

36	Effect of Copper-Enriched Artemia on Growth, Body Composition, Antioxidant Enzyme Activities, and Osmotic Stress Tolerance of Chinese Mitten Crab <i>Eriocheir sinensis</i> Larvae. <i>Journal of Shellfish Research</i> , 2013 , 32, 759-766	1	2
35	Regulatory role of myo-inositol in vegetable oil-mediated lipid metabolism and health of Chinese mitten crab (<i>Eriocheir sinensis</i>). <i>Aquaculture</i> , 2022 , 552, 738002	4.4	2
34	Impact of Dietary Vitamin D Supplementation on Growth, Molting, Antioxidant Capability, and Immunity of Juvenile Chinese Mitten Crabs () by Metabolites and Vitamin D Receptor. <i>Journal of Agricultural and Food Chemistry</i> , 2021 , 69, 12794-12806	5.7	2
33	Structure and energy flow of Dianshan Lake ecosystem based on the Ecopath model. <i>Journal of Fishery Sciences of China</i> , 2013 , 18, 867-876	1.8	2
32	Recovery from Hypersaline-Stress-Induced Immunity Damage and Intestinal-Microbiota Changes through Dietary β -glucan Supplementation in Nile tilapia (). <i>Animals</i> , 2020 , 10,	3.1	2
31	Gamma-aminobutyric acid regulates glucose homeostasis and enhances the hepatopancreas health of juvenile Chinese mitten crab (<i>Eriocheir sinensis</i>) under fasting stress. <i>General and Comparative Endocrinology</i> , 2021 , 303, 113704	3	2
30	Dietary arginine alleviates the oxidative stress, inflammation and immunosuppression of juvenile Chinese mitten crab <i>Eriocheir sinensis</i> under high pH stress. <i>Aquaculture Reports</i> , 2021 , 19, 100619	2.3	2
29	The reduction of lipid-sourced energy production caused by ATGL inhibition cannot be compensated by activation of HSL, autophagy, and utilization of other nutrients in fish. <i>Fish Physiology and Biochemistry</i> , 2021 , 47, 173-188	2.7	2
28	Dietary phosphatidylcholine affects growth performance, antioxidant capacity and lipid metabolism of Chinese mitten crab (<i>Eriocheir sinensis</i>). <i>Aquaculture</i> , 2021 , 541, 736814	4.4	2
27	Molting, tissue calcium-phosphorus deposition and immunity of juvenile Chinese mitten crab (<i>Eriocheir sinensis</i>) fed different levels of calcium and vitamin D3. <i>Aquaculture</i> , 2022 , 554, 738124	4.4	2
26	CIDEA and CIDEA are regulated by CREB and are not induced during fasting in grass carp <i>Ctenopharyngodon idella</i> adipocytes. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2019 , 234, 50-57	2.3	1
25	A comparison between benthic gillnet and bottom trawl for assessing fish assemblages in a shallow eutrophic lake near the Changjiang River estuary. <i>Journal of Oceanology and Limnology</i> , 2018 , 36, 572-586	1.5	1
24	Spatial and temporal assessment of the initial pattern of phytoplankton population in a newly built coastal reservoir. <i>Frontiers of Earth Science</i> , 2016 , 10, 546-559	1.7	1
23	Two genes with fertile attributes from <i>Macrobrachium nipponense</i> (De Haan, 1849) (Natantia: Palaemonidae): evidence from expression analysis of Mago nashi and Tsunagi proteins during oocyte maturation and embryonic development. <i>Journal of Crustacean Biology</i> , 2016 , 36, 229-237	0.8	1
22	Correlations between zooplankton assemblages and environmental factors in the downtown rivers of Shanghai, China. <i>Chinese Journal of Oceanology and Limnology</i> , 2014 , 32, 1352-1363		1
21	Dietary l-carnitine supplementation recovers the increased pH and hardness in fillets caused by high-fat diet in Nile tilapia (<i>Oreochromis niloticus</i>).. <i>Food Chemistry</i> , 2022 , 382, 132367	8.5	1
20	More simple more worse: Simple carbohydrate diets cause alterations in glucose and lipid metabolism in Nile tilapia (<i>Oreochromis niloticus</i>). <i>Aquaculture</i> , 2022 , 550, 737857	4.4	1
19	A Comparative Study on Growth and Metabolism of Juveniles Under Chronically Low and High pH Stress. <i>Frontiers in Physiology</i> , 2020 , 11, 885	4.6	1

18	Reduced fatty acid oxidation improves glucose catabolism and liver health in Nile tilapia (<i>Oreochromis niloticus</i>) juveniles fed a high-starch diet. <i>Aquaculture</i> , 2021 , 535, 736392	4.4	1
17	-inositol improves growth performance and regulates lipid metabolism of juvenile Chinese mitten crab (<i>Decapoda</i>) fed different percentage of lipid. <i>British Journal of Nutrition</i> , 2021 , 1-13	3.6	1
16	Nutritional regulation of pyruvate kinase and phosphoenolpyruvate carboxykinase at the enzymatic and molecular levels in cobia <i>Rachycentron canadum</i> . <i>Fish Physiology and Biochemistry</i> , 2019 , 45, 1015-1028	2.7	1
15	Effects of dietary alpha-linolenic acids on growth performance, lipid metabolism and antioxidant responses of juvenile Russian sturgeon <i>Acipenser gueldenstaedtii</i> . <i>Aquaculture Nutrition</i> , 2019 , 25, 184-193	3.3	1
14	Lipolysis and lipophagy play individual and interactive roles in regulating triacylglycerol and cholesterol homeostasis and mitochondrial form in zebrafish. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2021 , 1866, 158988	5	1
13	Toxicity of chronic copper exposure on Chinese mitten crab (<i>Eriocheir sinensis</i>) and mitigation of its adverse impact by myo-inositol. <i>Aquaculture</i> , 2022 , 547, 737511	4.4	1
12	Effect of vitamin A supplement on the growth performance, antioxidant status, and lipid accumulation of Chinese mitten crab <i>Eriocheir Sinensis</i> fed different lipid levels. <i>Aquaculture</i> , 2022 , 554, 738123	4.4	1
11	Combined toxic effects of thiamethoxam on intestinal flora, transcriptome and physiology of Pacific white shrimp <i>Litopenaeus vannamei</i> .. <i>Science of the Total Environment</i> , 2022 , 154799	10.2	1
10	A comparison between different iron sources on growth performance, iron utilization, antioxidant capacity and non-specific immunity in <i>Eriocheir sinensis</i> . <i>Animal Feed Science and Technology</i> , 2022 , 288, 115300	3	1
9	Effects of dietary Zn on growth, antioxidant capacity, immunity and tolerance to lipopolysaccharide challenge in juvenile Chinese mitten crab <i>Eriocheir sinensis</i> . <i>Aquaculture Research</i> , 2022 , 53, 1110	1.9	0
8	Combined effects of polystyrene microplastics and copper on antioxidant capacity, immune response and intestinal microbiota of Nile tilapia (<i>Oreochromis niloticus</i>). <i>Science of the Total Environment</i> , 2021 , 808, 152099	10.2	0
7	N-acetylcysteine provides protection against the toxicity of dietary T-2 toxin in juvenile Chinese mitten crab (<i>Eriocheir sinensis</i>). <i>Aquaculture</i> , 2021 , 538, 736531	4.4	0
6	Alteration and the Function of Intestinal Microbiota in High-Fat-Diet- or Genetics-Induced Lipid Accumulation. <i>Frontiers in Microbiology</i> , 2021 , 12, 741616	5.7	0
5	Effect of Different Dietary Selenium Sources on Growth Performance, Antioxidant Capacity, Gut Microbiota, and Molecular Responses in Pacific White Shrimp <i>Litopenaeus vannamei</i> . <i>Aquaculture Nutrition</i> , 2022 , 2022, 1-16	3.2	0
4	Neural excitotoxicity and the toxic mechanism induced by acute hypoxia in Chinese mitten crab (<i>Eriocheir sinensis</i>).. <i>Aquatic Toxicology</i> , 2022 , 245, 106131	5.1	0
3	Peroxisome proliferator-activated receptor gamma is essential for stress adaptation by maintaining lipid homeostasis in female fish.. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2022 , 159162	5	0
2	Dietary gamma-aminobutyric acid (GABA) improves non-specific immunity and alleviates lipopolysaccharide (LPS)-induced immune overresponse in juvenile Chinese mitten crab (<i>Eriocheir sinensis</i>).. <i>Fish and Shellfish Immunology</i> , 2022 , 124, 480-489	4.3	0
1	Effect of Vitamin A Supplementation on Growth Performance, Lipid Deposition, Antioxidant Ability, and Immunity in Juvenile Chinese Mitten Crab <i>Eriocheir sinensis</i> Fed Diet with Fish Oil Totally Replaced by Palm Oil. <i>Aquaculture Nutrition</i> , 2022 , 2022, 1-19	3.2	0

