

Li-Qiao Chen

List of Publications by Year in Descending Order

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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	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
250	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
249	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
248	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
247	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
246	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
245	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
244	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
243	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
242	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
241	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
240	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
239	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
238	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
237	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
236	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
235	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

234	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
233	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
232	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
231	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
230	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
229	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
228	Reduced fatty acid β -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
227	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
226	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
225	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
224	-inositol improves growth performance and regulates lipid metabolism of juvenile Chinese mitten crab () fed different percentage of lipid. <i>British Journal of Nutrition</i> , 2021 , 1-13	3.6	1
223	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
222	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
221	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
220	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
219	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
218	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
217	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

216	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
215	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
214	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
213	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
212	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
211	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
210	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
209	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
208	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
207	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
206	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
205	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
204	Selecting suitable phospholipid source for female <i>Eriocheir sinensis</i> in pre-reproductive phase. <i>Aquaculture</i> , 2020 , 528, 735610	4.4	10
203	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
202	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
201	Species Increase Energy Harvest by Modulating Intestinal Microbiota in Fish: Nondominant Species Play Important Functions. <i>MSystems</i> , 2020 , 5,	7.6	13
200	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
199	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

198	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
197	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
196	Dietary L-carnitine improves glycogen and protein accumulation in Nile tilapia via increasing lipid-sourced energy supply: An isotope-based metabolic tracking. <i>Aquaculture Reports</i> , 2020 , 17, 100302	2.3	5
195	The regulation of rapamycin on nutrient metabolism in Nile tilapia fed with high-energy diet. <i>Aquaculture</i> , 2020 , 520, 734975	4.4	10
194	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
193	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
192	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
191	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
190	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
189	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
188	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
187	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
186	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
185	High-carbohydrate diet promotes the adaptation to acute hypoxia in zebrafish. <i>Fish Physiology and Biochemistry</i> , 2020 , 46, 665-679	2.7	8
184	Gnotobiotic models: Powerful tools for deeply understanding intestinal microbiota-host interactions in aquaculture. <i>Aquaculture</i> , 2020 , 517, 734800	4.4	11
183	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
182	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
181	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

180	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
179	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
178	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
177	Improvement of dietary N-acetylcysteine on growth inhibition and intestinal damage induced by Eryngycinin in juvenile Chinese mitten crabs (<i>Eriocheir sinensis</i>). <i>Aquaculture</i> , 2020 , 514, 734504	4.4	9
176	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
175	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
174	Effects of β -hydroxybutyric 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
173	Sex-specific alterations of lipid metabolism in zebrafish exposed to polychlorinated biphenyls. <i>Chemosphere</i> , 2019 , 221, 768-777	8.4	29
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	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
170	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
169	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
168	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
167	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
166	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
165	β -hydroxybutyric 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
164	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
163	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

162	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
161	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
160	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
159	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
158	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
157	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
156	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
155	The comparisons in protective mechanisms and efficiencies among dietary β -lipoic acid, β -glucan 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
154	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
153	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, 22-31	4.3	22
152	Fasting enhances cold resistance in fish through stimulating lipid catabolism and autophagy. <i>Journal of Physiology</i> , 2019 , 597, 1585-1603	3.9	43
151	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
150	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
149	Molecular identification of dmrt1 and its promoter CpG methylation in correlation with gene expression during gonad development in <i>Cultus alburnus</i> . <i>Fish Physiology and Biochemistry</i> , 2019 , 45, 245-252	2.7	4
148	Effects of glycinin and β -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
147	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
146	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
145	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

144	Fishmeal replacement by soybean, rapeseed and cottonseed meals in hybrid sturgeon <i>Acipenser baerii</i> ♀. <i>Aquaculture Nutrition</i> , 2018 , 24, 1369-1377	3.2	16
143	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
142	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
141	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
140	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
139	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
138	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
137	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
136	Brain Transcriptome Profiling Analysis of Nile Tilapia () Under Long-Term Hypersaline Stress. <i>Frontiers in Physiology</i> , 2018 , 9, 219	4.6	14
135	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
134	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
133	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
132	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
131	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
130	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
129	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
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122	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
121	Effects of replacing soybean meal with rubber seed meal on digestive enzyme activity, nutrient digestibility and retention in tilapia (<i>Oreochromis niloticus</i> and <i>Oreochromis aureus</i>). <i>Aquaculture Research</i> , 2017 , 48, 1767-1777	1.9	7
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119	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
118	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
117	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
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111	. <i>Turkish Journal of Fisheries and Aquatic Sciences</i> , 2017 , 17,	1.2	2
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6	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
5	Karyological analyses on redclaw crayfish <i>Cherax quadricarinatus</i> (Decapoda: Parastacidae). <i>Aquaculture</i> , 2004 , 234, 65-76	4.4	24
4	Impacts of data quantity on fisheries stock assessment. <i>Aquatic Sciences</i> , 2003 , 65, 92-98	2.5	52
3	Developing robust frequentist and Bayesian fish stock assessment methods. <i>Fish and Fisheries</i> , 2003 , 4, 105-120	6	19
2	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
1	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> , 2001 , 66,		4

