Li-Qiao Chen

List of Publications by Year
in descending order

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258 papers	8,399 citations	50276 46 h-index	88630 70 g-index
259 all docs	259 docs citations	259 times ranked	5253 citing authors

#	Article	IF	Citations
1	Comparison of digestive and antioxidant enzymes activities, haemolymph oxyhemocyanin contents and hepatopancreas histology of white shrimp, Litopenaeus vannamei, at various salinities. Aquaculture, 2008, 274, 80-86.	3.5	197
2	Response of gut microbiota to salinity change in two euryhaline aquatic animals with reverse salinity preference. Aquaculture, 2016, 454, 72-80.	3.5	188
3	Growth, body composition, respiration and ambient ammonia nitrogen tolerance of the juvenile white shrimp, Litopenaeus vannamei, at different salinities. Aquaculture, 2007, 265, 385-390.	3.5	182
4	Gut Microbiota and its Modulation for Healthy Farming of Pacific White ShrimpLitopenaeus vannamei. Reviews in Fisheries Science and Aquaculture, 2018, 26, 381-399.	9.1	169
5	Characterization of the intestinal microbiota in Pacific white shrimp, Litopenaeus vannamei, fed diets with different lipid sources. Aquaculture, 2014, 434, 449-455.	3.5	163
6	Metabolic response of Nile tilapia (Oreochromis niloticus) to acute and chronic hypoxia stress. Aquaculture, 2018, 495, 187-195.	3.5	136
7	Effects of replacement of dietary fish oil by soybean oil on growth performance and liver biochemical composition in juvenile black seabream, Acanthopagrus schlegeli. Aquaculture, 2008, 276, 154-161.	3.5	118
8	Response of gut health and microbiota to sulfide exposure in Pacific white shrimp Litopenaeus vannamei. Fish and Shellfish Immunology, 2017, 63, 87-96.	3.6	117
9	Systemic adaptation of lipid metabolism in response to low- and high-fat diet in Nile tilapia (Oreochromis niloticus). Physiological Reports, 2015, 3, e12485.	1.7	113
10	Physiological change and nutritional requirement of Pacific white shrimp LitopenaeusÂvannamei at low salinity. Reviews in Aquaculture, 2017, 9, 57-75.	9.0	113
11	Analysis of a catfish gene resembling interleukin-8: cDNA cloning, gene structure, and expression after infection with Edwardsiella ictaluri. Developmental and Comparative Immunology, 2005, 29, 135-142.	2.3	108
12	Transcriptome sequencing revealed the genes and pathways involved in salinity stress of Chinese mitten crab,Eriocheir sinensis. Physiological Genomics, 2014, 46, 177-190.	2.3	107
13	Variation in lipid composition of Chinese mitten-handed crab, Eriocheir sinensis during ovarian maturation. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2001, 130, 95-104.	1.6	106
14	A global analysis on the systemic effects of antibiotics in cultured fish and their potential human health risk: a review. Reviews in Aquaculture, 2021, 13, 1015-1059.	9.0	105
15	Cottonseed protein concentrate (CPC) suppresses immune function in different intestinal segments of hybrid grouper â™€Epinephelus fuscoguttatusÃ—â™‚Epinephelus lanceolatu via TLR-2/MyD88 signaling pathways. Fish and Shellfish Immunology, 2018, 81, 318-328.	3.6	98
16	Fasting enhances cold resistance in fish through stimulating lipid catabolism and autophagy. Journal of Physiology, 2019, 597, 1585-1603.	2.9	96
17	Symbiotic Bacteria in Gills and Guts of Chinese Mitten Crab (Eriocheir sinensis) Differ from the Free-Living Bacteria in Water. PLoS ONE, 2016, 11, e0148135.	2.5	95
18	Growth performance, antioxidant status and immune response in darkbarbel catfish Pelteobagrus vachelli fed different PUFA/vitamin E dietary levels and exposed to high or low ammonia. Aquaculture, 2013, 406-407, 18-27.	3.5	89

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19	Transcriptome Profiling and Molecular Pathway Analysis of Genes in Association with Salinity Adaptation in Nile Tilapia Oreochromis niloticus. PLoS ONE, 2015, 10, e0136506.	2.5	85
20	Transcriptome and Molecular Pathway Analysis of the Hepatopancreas in the Pacific White Shrimp Litopenaeus vannamei under Chronic Low-Salinity Stress. PLoS ONE, 2015, 10, e0131503.	2.5	85
21	Growth and Lipid Metabolism of the Pacific White ShrimpLitopenaeus vannameiat Different Salinities. Journal of Shellfish Research, 2014, 33, 825-832.	0.9	84
22	Mechanisms and metabolic regulation of PPARÎ± activation in Nile tilapia (Oreochromis niloticus). Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2016, 1861, 1036-1048.	2.4	80
23	Sequence analysis and expression of a CXC chemokine in resistant and susceptible catfish after infection of Edwardsiella ictaluri. Developmental and Comparative Immunology, 2004, 28, 769-780.	2.3	78
24	Effects of replacing soybean meal with rubber seed meal on growth, antioxidant capacity, non-specific immune response, and resistance to Aeromonas hydrophila in tilapia (Oreochromis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 537 Td (niloti	3.6	76
25	Effects of ammonia stress, dietary linseed oil and Edwardsiella ictaluri challenge on juvenile darkbarbel catfish Pelteobagrus vachelli. Fish and Shellfish Immunology, 2014, 38, 158-165.	3.6	75
26	Energy metabolism and metabolomics response of Pacific white shrimp Litopenaeus vannamei to sulfide toxicity. Aquatic Toxicology, 2017, 183, 28-37.	4.0	72
27	Impacts of data quantity on fisheries stock assessment. Aquatic Sciences, 2003, 65, 92-98.	1.5	69
28	Functional Annotation and Analysis of Expressed Sequence Tags from the Hepatopancreas of Mitten Crab (Eriocheir sinensis). Marine Biotechnology, 2009, 11, 317-326.	2.4	68
29	The metabolomics responses of Chinese mitten-hand crab (Eriocheir sinensis) to different dietary oils. Aquaculture, 2017, 479, 188-199.	3.5	68
30	Comparison of non-volatile compounds and sensory characteristics of Chinese mitten crabs (Eriocheir sinensis) reared in lakes and ponds: Potential environmental factors. Aquaculture, 2012, 364-365, 96-102.	3.5	67
31	Dietary silymarin supplementation promotes growth performance and improves lipid metabolism and health status in grass carp (Ctenopharyngodon idellus) fed diets with elevated lipid levels. Fish Physiology and Biochemistry, 2017, 43, 245-263.	2.3	64
32	The site of vitellogenin synthesis in Chinese mitten-handed crab Eriocheir sinensis. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2006, 143, 453-458.	1.6	63
33	A Review of Carbohydrate Nutrition and Metabolism in Crustaceans. North American Journal of Aquaculture, 2016, 78, 178-187.	1.4	63
34	Metabolic and immune responses in Chinese mitten-handed crab (Eriocheir sinensis) juveniles exposed to elevated ambient ammonia. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2007, 145, 363-369.	2.6	60
35	Effects of glycinin and Î²-conglycinin on growth performance and intestinal health in juvenile Chinese mitten crabs (Eriocheir sinensis). Fish and Shellfish Immunology, 2019, 84, 269-279.	3.6	59
36	Comparative proteome analysis of the hepatopancreas from the Pacific white shrimp Litopenaeus vannamei under long-term low salinity stress. Journal of Proteomics, 2017, 162, 1-10.	2.4	58

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37	The food web structure and ecosystem properties of a filter-feeding carps dominated deep reservoir ecosystem. Ecological Modelling, 2007, 203, 279-289.	2.5	57
38	Effect of dietary copper on the growth performance, non-specific immunity and resistance to Aeromonas hydrophila of juvenile Chinese mitten crab, Eriocheir sinensis. Fish and Shellfish Immunology, 2013, 34, 1195-1201.	3.6	57
39	Dietary prebiotic inulin benefits on growth performance, antioxidant capacity, immune response and intestinal microbiota in Pacific white shrimp (Litopenaeus vannamei) at low salinity. Aquaculture, 2020, 518, 734847.	3.5	57
40	Effect of feeding and lack of food on the growth, gross biochemical and fatty acid composition of juvenile crab, Eriocheir sinensis. Aquaculture, 2006, 252, 598-607.	3.5	56
41	Discovery of immune-related genes in Chinese mitten crab (Eriocheir sinensis) by expressed sequence tag analysis of haemocytes. Aquaculture, 2009, 287, 297-303.	3.5	53
42	Characterization of a mannose-binding lectin from channel catfish (Ictalurus punctatus). Research in Veterinary Science, 2012, 92, 408-413.	1.9	53
43	Comparative analysis of the hepatopancreas transcriptome of grass carp (Ctenopharyngodon idellus) fed with lard oil and fish oil diets. Gene, 2015, 565, 192-200.	2.2	52
44	Intestinal bacterial signatures of the â€œcotton shrimp-likeâ€•disease explain the change of growth performance and immune responses in Pacific white shrimp (Litopenaeus vannamei). Fish and Shellfish Immunology, 2019, 92, 629-636.	3.6	51
45	Evaluation of different lipid sources in diet of pacific white shrimp Litopenaeus vannamei at low salinity. Aquaculture Reports, 2015, 2, 163-168.	1.7	50
46	Comparative transcriptome analysis reveals molecular strategies of oriental river prawn Macrobrachium nipponense in response to acute and chronic nitrite stress. Fish and Shellfish Immunology, 2016, 48, 254-265.	3.6	50
47	Beneficial effects of dietary Î²-glucan on growth and health status of Pacific white shrimp Litopenaeus vannamei at low salinity. Fish and Shellfish Immunology, 2019, 91, 315-324.	3.6	50
48	Dietary oils modify lipid molecules and nutritional value of fillet in Nile tilapia: A deep lipidomics analysis. Food Chemistry, 2019, 277, 515-523.	8.2	50
49	The metabolic regulation of dietary Lâ€carnitine in aquaculture nutrition: present status and future research strategies. Reviews in Aquaculture, 2019, 11, 1228-1257.	9.0	47
50	Histological and transcriptomic responses of two immune organs, the spleen and head kidney, in Nile tilapia (Oreochromis niloticus) to long-term hypersaline stress. Fish and Shellfish Immunology, 2018, 76, 48-57.	3.6	46
51	The comparisons in protective mechanisms and efficiencies among dietary Î±-lipoic acid, Î²-glucan and l-carnitine on Nile tilapia infected by Aeromonas hydrophila. Fish and Shellfish Immunology, 2019, 86, 785-793.	3.6	46
52	Dietary supplementation of selenium yeast enhances the antioxidant capacity and immune response of juvenile Eriocheir Sinensis under nitrite stress. Fish and Shellfish Immunology, 2019, 87, 22-31.	3.6	46
53	Sex-specific alterations of lipid metabolism in zebrafish exposed to polychlorinated biphenyls. Chemosphere, 2019, 221, 768-777.	8.2	44
54	Mitochondrial Fatty Acid Î²-Oxidation Inhibition Promotes Glucose Utilization and Protein Deposition through Energy Homeostasis Remodeling in Fish. Journal of Nutrition, 2020, 150, 2322-2335.	2.9	44

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55	Arginine supplementation improves growth, antioxidant capacity, immunity and disease resistance of juvenile Chinese mitten crab, Eriocheir sinensis. Fish and Shellfish Immunology, 2019, 93, 463-473.	3.6	43
56	Assessing genetic diversity of populations of topmouth culter (Culter alburnus) in China using AFLP markers. Biochemical Systematics and Ecology, 2007, 35, 662-669.	1.3	42
57	Maternal effects of inducible tolerance against the toxic cyanobacterium Microcystis aeruginosa in the grazer Daphnia carinata. Environmental Pollution, 2013, 178, 142-146.	7.5	42
58	Growth and metabolomic responses of Pacific white shrimp (Litopenaeus vannamei) to different dietary fatty acid sources and salinity levels. Aquaculture, 2019, 499, 329-340.	3.5	42
59	Toxic effect of chronic waterborne copper exposure on growth, immunity, anti-oxidative capacity and gut microbiota of Pacific white shrimp Litopenaeus vannamei. Fish and Shellfish Immunology, 2020, 100, 445-455.	3.6	42
60	Environmental estrogen exposure converts lipid metabolism in male fish to a female pattern mediated by AMPK and mTOR signaling pathways. Journal of Hazardous Materials, 2020, 394, 122537.	12.4	41
61	A delta-class glutathione transferase from the Chinese mitten crab Eriocheir sinensis: cDNA cloning, characterization and mRNA expression. Fish and Shellfish Immunology, 2010, 29, 698-703.	3.6	40
62	Growth and immune response of Chinese mitten crab (Eriocheir sinensis) fed diets containing different lipid sources. Aquaculture Research, 2016, 47, 1984-1995.	1.8	40
63	The protein-sparing effect of Î±-lipoic acid in juvenile grass carp, Ctenopharyngodon idellus: effects on lipolysis, fatty acid Î²-oxidation and protein synthesis. British Journal of Nutrition, 2018, 120, 977-987.	2.3	40
64	Concentration-dependent effects of 17Î²-estradiol and bisphenol A on lipid deposition, inflammation and antioxidant response in male zebrafish (Danio rerio). Chemosphere, 2019, 237, 124422.	8.2	40
65	Impact of imidacloprid exposure on the biochemical responses, transcriptome, gut microbiota and growth performance of the Pacific white shrimp Litopenaeus vannamei. Journal of Hazardous Materials, 2022, 424, 127513.	12.4	40
66	Evaluation of the distribution of adipose tissues in fish using magnetic resonance imaging (MRI). Aquaculture, 2015, 448, 112-122.	3.5	38
67	Comparison of copper bioavailability in copper-methionine, nano-copper oxide and copper sulfate additives in the diet of Russian sturgeon Acipenser gueldenstaedtii. Aquaculture, 2018, 482, 146-154.	3.5	38
68	Dietary mannan oligosaccharide (MOS) improves growth performance, antioxidant capacity, non-specific immunity and intestinal histology of juvenile Chinese mitten crabs (Eriocheir sinensis). Aquaculture, 2019, 510, 337-346.	3.5	38
69	Karyological analyses on redclaw crayfish Cherax quadricarinatus (Decapoda: Parastacidae). Aquaculture, 2004, 234, 65-76.	3.5	37
70	Î±-lipoic acid ameliorates n-3 highly-unsaturated fatty acids induced lipid peroxidation via regulating antioxidant defenses in grass carp (Ctenopharyngodon idellus). Fish and Shellfish Immunology, 2017, 67, 359-367.	3.6	37
71	High carbohydrate diet partially protects Nile tilapia (Oreochromis niloticus) from oxytetracycline-induced side effects. Environmental Pollution, 2020, 256, 113508.	7.5	37
72	Effects of temperature and salinity on metabolic rate of the Asiatic clam Corbicula fluminea (MÃ¼ller,) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.2	36

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73	Leptin Selectively Regulates Nutrients Metabolism in Nile Tilapia Fed on High Carbohydrate or High Fat Diet. Frontiers in Endocrinology, 2018, 9, 574.	3.5	36
74	cDNA cloning and expression of Ubc9 in the developing embryo and ovary of oriental river prawn, Macrobrachium nipponense. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2010, 155, 288-293.	1.6	35
75	Glutamate dehydrogenase and Na+-K+ ATPase expression and growth response of Litopenaeus vannamei to different salinities and dietary protein levels. Chinese Journal of Oceanology and Limnology, 2011, 29, 343-349.	0.7	35
76	Nutritional background changes the hypolipidemic effects of fenofibrate in Nile tilapia (Oreochromis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.3	35
77	Influence of dietary phospholipid on growth performance, body composition, antioxidant capacity and lipid metabolism of Chinese mitten crab, Eriocheir sinensis. Aquaculture, 2020, 516, 734653.	3.5	35
78	Effects ofmyoâ€inositol on growth performance, body composition, antioxidant status, nonâ€specific immunity and lipid metabolism of juvenile Chinese mitten crab (Eriocheir sinensis). Aquaculture Nutrition, 2020, 26, 1623-1635.	2.7	35
79	The individual and combined effects of hypoxia and high-fat diet feeding on nutrient composition and flesh quality in Nile tilapia (Oreochromis niloticus). Food Chemistry, 2021, 343, 128479.	8.2	35
80	Molecular cloning and characterization of the lipopolysaccharide and Î²-1, 3-glucan binding protein in Chinese mitten crab (Eriocheir sinensis). Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2009, 154, 17-24.	1.6	34
81	Growth, Body Composition, and Ammonia Tolerance of Juvenile White ShrimpLitopenaeus vannameiFed Diets Containing Different Carbohydrate Levels at Low Salinity. Journal of Shellfish Research, 2014, 33, 511-517.	0.9	34
82	Dietary vitamin B12 requirement and its effect on non-specific immunity and disease resistance in juvenile Chinese mitten crab Eriocheir sinensis. Aquaculture, 2014, 434, 179-183.	3.5	34
83	Effects of Î±-lipoic acid on growth performance, body composition, antioxidant status and lipid catabolism of juvenile Chinese mitten crab Eriocheir sinensis fed different lipid percentage. Aquaculture, 2018, 484, 286-292.	3.5	34
84	Characterization and Expression of Glutamate Dehydrogenase in Response to Acute Salinity Stress in the Chinese Mitten Crab, Eriocheir sinensis. PLoS ONE, 2012, 7, e37316.	2.5	33
85	Identification, characterization and nutritional regulation of two isoforms of acyl-coenzyme A oxidase 1 gene in Nile tilapia (Oreochromis niloticus). Gene, 2014, 545, 30-35.	2.2	33
86	Lipolytic enzymes involving lipolysis in Teleost: Synteny, structure, tissue distribution, and expression in grass carp (Ctenopharyngodon idella). Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2016, 198, 110-118.	1.6	33
87	Sodium butyrate can improve intestinal integrity and immunity in juvenile Chinese mitten crab (Eriocheir sinensis) fed glycinin. Fish and Shellfish Immunology, 2020, 102, 400-411.	3.6	33
88	The bioaccumulation of fluoride ion (Fâ») in Siberian sturgeon (Acipenser baerii) under laboratory conditions. Chemosphere, 2009, 75, 376-380.	8.2	32
89	Molecular cloning, characterization and mRNA expression of copper-binding protein hemocyanin subunit in Chinese mitten crab, Eriocheir sinensis. Fish and Shellfish Immunology, 2012, 33, 1222-1228.	3.6	32
90	Nutrients and contaminants in tissues of five fish species obtained from Shanghai markets: Riskâ€“benefit evaluation from human health perspectives. Science of the Total Environment, 2015, 536, 933-945.	8.0	32

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91	Molecular Pathway and Gene Responses of the Pacific White ShrimpLitopenaeus vannameito Acute Low Salinity Stress. Journal of Shellfish Research, 2015, 34, 1037-1048.	0.9	31
92	Purification of vitellin from the ovary of Chinese mitten-handed crab (Eriocheir sinensis) and development of an antivitellin ELISA. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2004, 138, 305-311.	1.6	30
93	Molecular characterization and expression of AMP-activated protein kinase in response to low-salinity stress in the Pacific white shrimp Litopenaeus vannamei. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2016, 198, 79-90.	1.6	30
94	Growth and health status of Pacific white shrimp, Litopenaeus vannamei, exposed to chronic water born cobalt. Fish and Shellfish Immunology, 2020, 100, 137-145.	3.6	30
95	Bacillus amyloliquefaciensameliorates high-carbohydrate diet-induced metabolic phenotypes by restoration of intestinal acetate-producing bacteria in Nile Tilapia. British Journal of Nutrition, 2022, 127, 653-665.	2.3	30
96	Molecular cloning and characterization of alpha 2-macroglobulin (Î±2-M) from the haemocytes of Chinese mitten crab Eriocheir sinensis. Fish and Shellfish Immunology, 2010, 29, 195-203.	3.6	29
97	Resistance variation within a Daphnia pulex population against toxic cyanobacteria. Journal of Plankton Research, 2013, 35, 1177-1181.	1.8	29
98	Growth, body composition, ammonia tolerance and hepatopancreas histology of white shrimpLitopenaeus vannameifed diets containing different carbohydrate sources at low salinity. Aquaculture Research, 2016, 47, 1932-1943.	1.8	29
99	Molecular characterization and immune response to lipopolysaccharide (LPS) of the suppressor of cytokine signaling (SOCS)-1, 2 and 3 genes in Nile tilapia (Oreochromis niloticus). Fish and Shellfish Immunology, 2016, 50, 160-167.	3.6	29
100	Dietary copper requirement of juvenile Russian sturgeon Acipenser gueldenstaedtii. Aquaculture, 2016, 454, 118-124.	3.5	29
101	Effects of Î±â€lipoic acid on growth performance, body composition, antioxidant profile and lipid metabolism of the GIFT tilapia (Oreochromis niloticus) fed highâ€fat diets. Aquaculture Nutrition, 2019, 25, 585-596.	2.7	29
102	Gnotobiotic models: Powerful tools for deeply understanding intestinal microbiota-host interactions in aquaculture. Aquaculture, 2020, 517, 734800.	3.5	29
103	Inulin alleviates hypersaline-stress induced oxidative stress and dysbiosis of gut microbiota in Nile tilapia (Oreochromis niloticus). Aquaculture, 2020, 529, 735681.	3.5	29
104	MnHSP90 cDNA characterization and its expression during the ovary development in oriental river prawn, Macrobrachium nipponense. Molecular Biology Reports, 2011, 38, 1399-1406.	2.3	28
105	Molecular characterization of three L-type lectin genes from channel catfish, Ictalurus punctatus and their responses to Edwardsiella ictaluri challenge. Fish and Shellfish Immunology, 2012, 32, 598-608.	3.6	28
106	Growth, energy metabolism and transcriptomic responses in Chinese mitten crab (Eriocheir sinensis) to benzo[Î±]pyrene (BaP) toxicity. Aquatic Toxicology, 2018, 203, 150-158.	4.0	28
107	T-2 toxin in the diet suppresses growth and induces immunotoxicity in juvenile Chinese mitten crab (Eriocheir sinensis). Fish and Shellfish Immunology, 2020, 97, 593-601.	3.6	28
108	Gene discovery from an ovary cDNA library of oriental river prawn Macrobrachium nipponense by ESTs annotation. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2009, 4, 111-120.	1.0	27

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109	Structure and seasonal dynamics of bacterial communities in three urban rivers in China. Aquatic Sciences, 2012, 74, 113-120.	1.5	27
110	Brain Transcriptome Profiling Analysis of Nile Tilapia (Oreochromis niloticus) Under Long-Term Hypersaline Stress. Frontiers in Physiology, 2018, 9, 219.	2.8	27
111	Citrobacter Species Increase Energy Harvest by Modulating Intestinal Microbiota in Fish: Nondominant Species Play Important Functions. MSystems, 2020, 5, .	3.8	27
112	Reduced oxidative stress increases acute cold stress tolerance in zebrafish. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2019, 235, 166-173.	1.8	26
113	Inulin alleviates adverse metabolic syndrome and regulates intestinal microbiota composition in Nile tilapia (Oreochromis niloticus) fed with high-carbohydrate diet. British Journal of Nutrition, 2021, 126, 161-171.	2.3	26
114	Growth, physiological, biochemical, and molecular responses of Pacific white shrimp Litopenaeus vannamei fed different levels of dietary selenium. Aquaculture, 2021, 535, 736393.	3.5	26
115	Molecular characterization, transcriptional activity and nutritional regulation of peroxisome proliferator activated receptor gamma in Nile tilapia (Oreochromis niloticus). General and Comparative Endocrinology, 2015, 223, 139-147.	1.8	25
116	Growth, immune response and resistance toAeromonas hydrophilaof darkbarbel catfish, Pelteobagrus vachelli(Richardson), fed diets with different linolenic acid levels. Aquaculture Research, 2015, 46, 789-800.	1.8	25
117	Molecular characterization and nutritional regulation of carnitine palmitoyltransferase (CPT) family in grass carp (Ctenopharyngodon idellus). Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2017, 203, 11-19.	1.6	24
118	Soybean and cottonseed meals are good candidates for fishmeal replacement in the diet of juvenile Macrobrachium nipponense. Aquaculture International, 2018, 26, 309-324.	2.2	24
119	Selecting suitable phospholipid source for female Eriocheir sinensis in pre-reproductive phase. Aquaculture, 2020, 528, 735610.	3.5	24
120	Gemfibrozil improves lipid metabolism in Nile tilapia Oreochromis niloticus fed a high-carbohydrate diet through peroxisome proliferator activated receptor-Î± activation. General and Comparative Endocrinology, 2020, 296, 113537.	1.8	24
121	Acute toxicity of boron to juvenile white shrimp, Litopenaeus vannamei, at two salinities. Aquaculture, 2008, 278, 175-178.	3.5	23
122	Characterization and Tissue-Specific Expression of the Two Glutamate Dehydrogenase cDNAs in Pacific White Shrimp, Litopenaeus Vannamei. Journal of Crustacean Biology, 2009, 29, 379-386.	0.8	23
123	Temporal and spatial variation of fish assemblages in Dianshan Lake, Shanghai, China. Chinese Journal of Oceanology and Limnology, 2014, 32, 799-809.	0.7	23
124	Comparative Transcriptome Analysis in the Hepatopancreas Tissue of Pacific White Shrimp Litopenaeus vannamei Fed Different Lipid Sources at Low Salinity. PLoS ONE, 2015, 10, e0144889.	2.5	23
125	Effect of single and combined immunostimulants on growth, anti-oxidation activity, non-specific immunity and resistance to Aeromonas hydrophila in Chinese mitten crab (Eriocheir sinensis). Fish and Shellfish Immunology, 2019, 93, 732-742.	3.6	23
126	Combined effects of polystyrene microplastics and copper on antioxidant capacity, immune response and intestinal microbiota of Nile tilapia (Oreochromis niloticus). Science of the Total Environment, 2022, 808, 152099.	8.0	23

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127	Effects of dietary protein to energy ratios on growth, body composition and digestive enzyme activities in Chinese mittenâ€handed crab, <scp>E</scp> riocheir sinensis . Aquaculture Research, 2017, 48, 2243-2252.	1.8	22
128	The Expression of the Î”6 Fatty Acyl Desaturase-Like Gene from Pacific White Shrimp (Litopenaeus) Tj ETQq0 0 0 rgBT /Overlock 10 T 2017, 36, 501-509.	0.9	22
129	Fishmeal replacement by soybean, rapeseed and cottonseed meals in hybrid sturgeon Acipenser baerii â™€ÂÃ—ÂAcipenser schrenckii â™‚. Aquaculture Nutrition, 2018, 24, 1369-1377.	2.7	22
130	Forskolin reduces fat accumulation in Nile tilapia (Oreochromis niloticus) through stimulating lipolysis and beta-oxidation. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2019, 230, 7-15.	1.8	22
131	Effects of dietary T-2 toxin on gut health and gut microbiota composition of the juvenile Chinese mitten crab (Eriocheir sinensis). Fish and Shellfish Immunology, 2020, 106, 574-582.	3.6	22
132	Relief of hypersaline stress in Nile tilapia Oreochromis niloticus by dietary supplementation of a host-derived Bacillus subtilis strain. Aquaculture, 2020, 528, 735542.	3.5	22
133	The regulation of rapamycin on nutrient metabolism in Nile tilapia fed with high-energy diet. Aquaculture, 2020, 520, 734975.	3.5	22
134	Dietary phospholipid alleviates the adverse effects of high-lipid diet in Chinese mitten crab (Eriocheir) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.5	22
135	Effect of dietary phosphorus on growth performance, body composition, antioxidant activities and lipid metabolism of juvenile Chinese mitten crab (Eriocheir sinensis). Aquaculture, 2021, 531, 735856.	3.5	22
136	Growth, osmotic response and transcriptome response of the euryhaline teleost, Oreochromis mossambicus fed different myo-inositol levels under long-term salinity stress. Aquaculture, 2021, 534, 736294.	3.5	22
137	Cryptic species and systematics of the hynobiid salamanders of the Liuaâ€“Pseudohynobius complex: Molecular and phylogenetic perspectives. Biochemical Systematics and Ecology, 2006, 34, 467-477.	1.3	21
138	Partial or complete substitution of fish meal with soybean meal and cottonseed meal in Chinese mitten crab Eriocheir sinensis diets. Aquaculture International, 2013, 21, 617-628.	2.2	21
139	Î±-lipoic acid regulate growth, antioxidant status and lipid metabolism of Chinese mitten crab Eriocheir sinensis: Optimum supplement level and metabonomics response. Aquaculture, 2019, 506, 94-103.	3.5	21
140	Developing robust frequentist and Bayesian fish stock assessment methods. Fish and Fisheries, 2003, 4, 105-120.	5.3	20
141	Predation and cyanobacteria jointly facilitate competitive dominance of small-bodied cladocerans. Journal of Plankton Research, 2014, 36, 956-965.	1.8	20
142	Functional differences betweenl- andd-carnitine in metabolic regulation evaluated using a low-carnitine Nile tilapia model. British Journal of Nutrition, 2019, 122, 625-638.	2.3	20
143	Metabolism of linoleic and linolenic acids in hepatocytes of two freshwater fish with different n-3 or n-6 fatty acid requirements. Aquaculture, 2020, 515, 734595.	3.5	20
144	Peroxisomal proliferatorâ€activated receptor Î±â€b deficiency induces the reprogramming of nutrient metabolism in zebrafish. Journal of Physiology, 2020, 598, 4537-4553.	2.9	20

#	Article	IF	Citations
145	Deep insight into bacterial community characterization and relationship in the pond water, sediment and the gut of shrimp (Penaeus japonicus). Aquaculture, 2021, 539, 736658.	3.5	20
146	Combined toxic effects of thiamethoxam on intestinal flora, transcriptome and physiology of Pacific white shrimp Litopenaeus vannamei. Science of the Total Environment, 2022, 830, 154799.	8.0	20
147	Changes in the trophic interactions and the community structure of Lake Taihu (China) ecosystem from the 1960s to 1990s. Aquatic Ecology, 2010, 44, 337-348.	1.5	19
148	Molecular cloning, characterization and expression of a C-type lectin cDNA in Chinese mitten crab, Eriocheir sinensis. Fish and Shellfish Immunology, 2011, 31, 358-363.	3.6	19
149	Reduced fatty acid Î²-oxidation improves glucose catabolism and liver health in Nile tilapia (Oreochromis niloticus) juveniles fed a high-starch diet. Aquaculture, 2021, 535, 736392.	3.5	19
150	Growth and health responses to a long-term pH stress in Pacific white shrimp Litopenaeus vannamei. Aquaculture Reports, 2020, 16, 100280.	1.7	19
151	Fitness benefits and costs of induced defenses in Daphnia carinata (Cladocera: Daphnidae) exposed to cyanobacteria. Hydrobiologia, 2013, 702, 105-113.	2.0	18
152	A mixture of fish oil and soybean oil as a dietary lipid source prevents precocity and promotes growth in juvenileMacrobrachium nipponense(De Haan). Aquaculture Research, 2014, 45, 1567-1572.	1.8	18
153	Cyanobacteria alter competitive outcomes between Daphnia and Bosmina in dependence on environmental conditions. Fundamental and Applied Limnology, 2014, 184, 11-22.	0.7	18
154	Effect of dietary lipids and vitamin E on growth performance, body composition, anti-oxidative ability and resistance toAeromonas hydrophilachallenge of juvenile Chinese mitten crabEriocheir sinensis. Aquaculture Research, 2015, 46, 2544-2558.	1.8	18
155	Dietary l-carnitine supplementation recovers the increased pH and hardness in fillets caused by high-fat diet in Nile tilapia (Oreochromis niloticus). Food Chemistry, 2022, 382, 132367.	8.2	18
156	Dietary Vitamin B6 Requirement of the Pacific White Shrimp, Litopenaeus vannamei, at Low Salinity. Journal of the World Aquaculture Society, 2010, 41, 756-763.	2.4	17
157	Characterization of a serine proteinase homologous (SPH) in Chinese mitten crab Eriocheir sinensis. Developmental and Comparative Immunology, 2010, 34, 14-18.	2.3	17
158	High-carbohydrate diet promotes the adaptation to acute hypoxia in zebrafish. Fish Physiology and Biochemistry, 2020, 46, 665-679.	2.3	17
159	Relationship between myo-inositol synthesis and carbohydrate metabolism changes in Mozambique tilapia (Oreochromis mossambicus) under acute hypersaline stress. Aquaculture, 2021, 532, 736005.	3.5	17
160	Influences of dietary vitamin D3 on growth, antioxidant capacity, immunity and molting of Chinese mitten crab (Eriocheir sinensis) larvae. Journal of Steroid Biochemistry and Molecular Biology, 2021, 210, 105862.	2.5	17
161	Toxicity of chronic copper exposure on Chinese mitten crab (Eriocheir sinensis) and mitigation of its adverse impact by myo-inositol. Aquaculture, 2022, 547, 737511.	3.5	17
162	An updated and annotated checklist of recent nonmarine ostracods from China. Zootaxa, 2009, 2067, 29-50.	0.5	17

#	Article	IF	Citations
163	Evaluating ecosystem structure and functioning of the East China Sea Shelf ecosystem, China. Hydrobiologia, 2009, 636, 331-351.	2.0	16
164	cDNA Cloning and Expression Analysis of Gustavus Gene in the Oriental River Prawn Macrobrachium nipponense. PLoS ONE, 2011, 6, e17170.	2.5	16
165	Response of AMP-activated protein kinase and energy metabolism to acute nitrite exposure in the Nile tilapia Oreochromis niloticus. Aquatic Toxicology, 2016, 177, 86-97.	4.0	16
166	Effects of the dietary protein to energy ratio on growth, feed utilization and body composition inMacrobrachium nipponense. Aquaculture Nutrition, 2017, 23, 313-321.	2.7	16
167	Molecular cloning of glucose transporter 1 in grouper Epinephelus coioides and effects of an acute hyperglycemia stress on its expression and glucose tolerance. Fish Physiology and Biochemistry, 2017, 43, 103-114.	2.3	16
168	Dietary Aroclor 1254-Induced Toxicity on Antioxidant Capacity, Immunity and Energy Metabolism in Chinese Mitten Crab Eriocheir sinensis: Amelioration by Vitamin A. Frontiers in Physiology, 2019, 10, 722.	2.8	16
169	PPARÎ± activation enhances the ability of nile tilapia (Oreochromis niloticus) to resist Aeromonas hydrophila infection. Fish and Shellfish Immunology, 2019, 94, 675-684.	3.6	16
170	Improvement of dietary N-acetylcysteine on growth inhibition and intestinal damage induced by Î²-conglycinin in juvenile Chinese mitten crabs (Eriocheir sinensis). Aquaculture, 2020, 514, 734504.	3.5	16
171	Dietary Arachidonic Acid Has a Timeâ€Ðependent Differential Impact on Adipogenesis Modulated via COX and LOX Pathways in Grass Carp Ctenopharyngodon idellus. Lipids, 2016, 51, 1325-1338.	1.7	15
172	Effect of dietary lipid source and vitamin E on growth, non-specific immune response and resistance to Aeromonas hydrophila challenge of Chinese mitten crab Eriocheir sinensis. Aquaculture Research, 2018, 49, 2023-2032.	1.8	15
173	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 (Oreochromis niloticus). Environmental Pollution, 2018, 242, 1981-1987.	7.5	15
174	Alleviation of the Adverse Effect of Dietary Carbohydrate by Supplementation of Myo-Inositol to the Diet of Nile Tilapia (Oreochromis niloticus). Animals, 2020, 10, 2190.	2.3	15
175	Growth, Metabolite, Antioxidative Capacity, Transcriptome, and the Metabolome Response to Dietary Choline Chloride in Pacific White Shrimp Litopenaeus vannamei. Animals, 2020, 10, 2246.	2.3	15
176	Impaired peroxisomal fat oxidation induces hepatic lipid accumulation and oxidative damage in Nile tilapia. Fish Physiology and Biochemistry, 2020, 46, 1229-1242.	2.3	15
177	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 (Eriocheir sinensis). Aquaculture, 2022, 546, 737332.	3.5	15
178	Tolerance of Physocypria kraepelini (Crustacean, Ostracoda) to water-borne ammonia, phosphate and pH value. Journal of Environmental Sciences, 2009, 21, 1575-1580.	6.1	14
179	Morphology, mitochondrial development and adipogenic-related genes expression during adipocytes differentiation in grass carp (Ctenopharyngodon idellus). Science Bulletin, 2015, 60, 1241-1251.	9.0	14
180	Forkhead box O1 in grass carp Ctenopharyngodon idella: Molecular characterization, gene structure, tissue distribution and mRNA expression in insulin-inhibited adipocyte lipolysis. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2017, 204, 76-84.	1.8	14

#	Article	IF	Citations
181	Effects of dietary carbohydrate levels on growth, glucose tolerance, glucose homeostasis and GLUT4 gene expression inTilapia nilotica. Aquaculture Research, 2018, 49, 3735-3745.	1.8	14
182	Inhibited autophagy impairs systemic nutrient metabolism in Nile tilapia. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2019, 236, 110521.	1.8	14
183	Clonal Variation in Growth Plasticity within a Bosmina longirostris Population: The Potential for Resistance to Toxic Cyanobacteria. PLoS ONE, 2013, 8, e73540.	2.5	14
184	Toxic effect of chronic nitrite exposure on growth and health in Pacific white shrimp Litopenaeus vannamei. Aquaculture, 2020, 529, 735664.	3.5	13
185	Gamma-aminobutyric acid regulates glucose homeostasis and enhances the hepatopancreas health of juvenile Chinese mitten crab (Eriocheir sinensis) under fasting stress. General and Comparative Endocrinology, 2021, 303, 113704.	1.8	13
186	Effects of replacing soybean meal protein with cottonseed protein concentrate on the growth condition and intestinal health of Nile tilapia (Oreochromis niloticus). Aquaculture Nutrition, 2021, 27, 2436-2447.	2.7	13
187	More simple more worse: Simple carbohydrate diets cause alterations in glucose and lipid metabolism in Nile tilapia (Oreochromis niloticus). Aquaculture, 2022, 550, 737857.	3.5	13
188	Effects and Mechanism of Different Phospholipid Diets on Ovary Development in Female Broodstock Pacific White Shrimp, Litopenaeus vannamei. Frontiers in Nutrition, 2022, 9, 830934.	3.7	13
189	Cloning and differential expression pattern of pituitary adenylyl cyclase-activating polypeptide and the PACAP-specific receptor in darkbarbel catfish Pelteobagrus vachelli. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2012, 161, 41-53.	1.6	12
190	Two isoforms of hormone-sensitive lipase b are generated by alternative exons usage and transcriptional regulation by insulin in grass carp (Ctenopharyngodon idella). Fish Physiology and Biochemistry, 2017, 43, 539-547.	2.3	12
191	Untargeted<scp>GC</scp>â€<scp>MS</scp>metabolomics reveals metabolic differences in the Chinese mittenâ€hand crab (Eriocheir sinensis) fed with dietary palm oil or olive oil. Aquaculture Nutrition, 2018, 24, 1623-1637.	2.7	12
192	Growth and Stress Axis Responses to Dietary Cholesterol in Nile Tilapia (Oreochromis niloticus) in Brackish Water. Frontiers in Physiology, 2018, 9, 254.	2.8	12
193	Toxicity of 4,5-dichloro-2-n-octyl-4-isothiazolin-3-one (DCOIT) in the marine decapod Litopenaeus vannamei. Environmental Pollution, 2019, 251, 708-716.	7.5	12
194	Molecular identification of dmrt1 and its promoter CpG methylation in correlation with gene expression during gonad development in Culter alburnus. Fish Physiology and Biochemistry, 2019, 45, 245-252.	2.3	12
195	High protein diet alleviates the high pH stress in Chinese mitten crab Eriocheir sinensis. Aquaculture, 2020, 516, 734523.	3.5	12
196	Dietary L-carnitine improves glycogen and protein accumulation in Nile tilapia via increasing lipid-sourced energy supply: An isotope-based metabolic tracking. Aquaculture Reports, 2020, 17, 100302.	1.7	12
197	Dietary phosphatidylcholine affects growth performance, antioxidant capacity and lipid metabolism of Chinese mitten crab (Eriocheir sinensis). Aquaculture, 2021, 541, 736814.	3.5	12
198	Lipolysis and lipophagy play individual and interactive roles in regulating triacylglycerol and cholesterol homeostasis and mitochondrial form in zebrafish. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2021, 1866, 158988.	2.4	12

#	Article	IF	Citations
199	Features of an intersex Chinese mitten crab, Eriocheir Japonica Sinensis (Decapoda, Brachyura). Crustaceana, 2005, 78, 371-377.	0.3	11
200	Acute tolerance and metabolic responses of Chinese mitten crab (Eriocheir sinensis) juveniles to ambient nitrite. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2009, 149, 419-426.	2.6	11
201	Molecular Cloning, Characterization, and mRNA Expression of Hemocyanin Subunit in Oriental River PrawnMacrobrachium nipponense. International Journal of Genomics, 2016, 2016, 1-9.	1.6	11
202	Effects of replacing soybean meal with rubber seed meal on digestive enzyme activity, nutrient digestibility and retention in tilapia (Oreochromis niloticusÂÃ—ÂOreochromis aureus). Aquaculture Research, 2017, 48, 1767-1777.	1.8	11
203	Pigment epithelium-derived factor improves TNFÎ±-induced hepatic steatosis in grass carp (Ctenopharyngodon idella). Developmental and Comparative Immunology, 2017, 71, 8-17.	2.3	11
204	Growth performance, lipid requirement and antioxidant capacity of juvenile Russian sturgeonAcipenser gueldenstaedtifed various levels of linoleic and linolenic acids. Aquaculture Research, 2017, 48, 3216-3229.	1.8	11
205	G0S2a1 (G0/G1 switch gene 2a1) is downregulated by TNF-Î± in grass carp (Ctenopharyngodon idellus) hepatocytes through PPARÎ± inhibition. Gene, 2018, 641, 1-7.	2.2	11
206	Diacylglycerol oil reduces fat accumulation and increases protein content by inducing lipid catabolism and protein metabolism in Nile tilapia (Oreochromis niloticus). Aquaculture, 2019, 510, 90-99.	3.5	11
207	Comparison of effects of dietaryâ€specific fatty acids on growth and lipid metabolism in Nile tilapia. Aquaculture Nutrition, 2019, 25, 862-872.	2.7	11
208	Dietary aflatoxin impairs flesh quality through reducing nutritional value and changing myofiber characteristics in yellow catfish (Pelteobagrus fulvidraco). Animal Feed Science and Technology, 2021, 274, 114764.	2.2	11
209	Impact of Dietary Vitamin D₃ Supplementation on Growth, Molting, Antioxidant Capability, and Immunity of Juvenile Chinese Mitten Crabs (Eriocheir sinensis) by Metabolites and Vitamin D Receptor. Journal of Agricultural and Food Chemistry, 2021, 69, 12794-12806.	5.2	11
210	Effect of Different Dietary Selenium Sources on Growth Performance, Antioxidant Capacity, Gut Microbiota, and Molecular Responses in Pacific White Shrimp Litopenaeus vannamei. Aquaculture Nutrition, 2022, 2022, 1-16.	2.7	11
211	New insights into the influence of myo-inositol on carbohydrate metabolism during osmoregulation in Nile tilapia (Oreochromis niloticus). Animal Nutrition, 2022, 10, 86-98.	5.1	11
212	Effects of perfluorooctane sulfonate on the immune responses and expression of immune-related genes in Chinese mitten-handed crab Eriocheir sinensis. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2015, 172-173, 13-18.	2.6	10
213	Effect of vitamin A supplement on the growth performance, antioxidant status, and lipid accumulation of Chinese mitten crab Eriocheir Sinensis fed different lipid levels. Aquaculture, 2022, 554, 738123.	3.5	10
214	Molting, tissue calciumâ€'phosphorus deposition and immunity of juvenile Chinese mitten crab (Eriocheir sinensis) fed different levels of calcium and vitamin D3. Aquaculture, 2022, 554, 738124.	3.5	10
215	A clip-domain serine proteinase homolog (SPH) in oriental river prawn, Macrobrachium nipponense provides insights into its role in innate immune response. Fish and Shellfish Immunology, 2014, 39, 336-342.	3.6	9
216	Effects of replacing fish meal with rubber seed meal on growth, nutrient utilization, and cholesterol metabolism of tilapia (Oreochromis niloticus Ã— O. aureus). Fish Physiology and Biochemistry, 2017, 43, 941-954.	2.3	9

#	Article	IF	Citations
217	Nutritional regulation of gene expression and enzyme activity of phosphoenolpyruvate carboxykinase in the hepatic gluconeogenesis pathway in golden pompano (Trachinotus ovatus). Aquaculture Research, 2019, 50, 634-643.	1.8	9
218	Recovery from Hypersaline-Stress-Induced Immunity Damage and Intestinal-Microbiota Changes through Dietary I²-glucan Supplementation in Nile tilapia (Oreochromis niloticus). Animals, 2020, 10, 2243.	2.3	9
219	Myo-inositol improves growth performance and regulates lipid metabolism of juvenile Chinese mitten crab (Eriocheir sinensis) fed different percentage of lipid. British Journal of Nutrition, 2022, 127, 666-678.	2.3	9
220	Evaluation of the optimum dietary iron level and its immunomodulatory effects on juvenile Chinese mitten crab, Eriocheir sinensis. Aquaculture, 2021, 544, 737122.	3.5	9
221	Dietary vitamin A affects growth performance, immunity, antioxidant capacity, and lipid metabolism of juvenile Chinese mitten crab Eriocheir sinensis. Aquaculture, 2022, 548, 737556.	3.5	9
222	Dietary gamma-aminobutyric acid (GABA) improves non-specific immunity and alleviates lipopolysaccharide (LPS)-induced immune overresponse in juvenile Chinese mitten crab (Eriocheir) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.6	9
223	Growth, Health, and Gut Microbiota of Female Pacific White Shrimp, Litopenaeus vannamei Broodstock Fed Different Phospholipid Sources. Antioxidants, 2022, 11, 1143.	5.1	9
224	Temperature reaction norms ofDaphnia carinatafitness: the effects of food concentration, population density, and photoperiod. Journal of Freshwater Ecology, 2014, 29, 25-36.	1.2	8
225	Glucose tolerance of grass carpCtenopharyngodon idellusafter a long-term adaptation to carbohydrate-to-lipid ratio diets. Aquaculture Research, 2018, 49, 3881-3888.	1.8	8
226	Inhibited carnitine synthesis impairs adaptation to high-fat diet in Nile tilapia (Oreochromis niloticus). Aquaculture Reports, 2020, 16, 100249.	1.7	8
227	A Comparative Study on Growth and Metabolism of Eriocheir sinensis Juveniles Under Chronically Low and High pH Stress. Frontiers in Physiology, 2020, 11, 885.	2.8	8
228	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. Fish Physiology and Biochemistry, 2021, 47, 173-188.	2.3	8
229	Lactobacillus plantarum Ameliorates High-Carbohydrate Diet-Induced Hepatic Lipid Accumulation and Oxidative Stress by Upregulating Uridine Synthesis. Antioxidants, 2022, 11, 1238.	5.1	8
230	Title is missing!. Turkish Journal of Fisheries and Aquatic Sciences, 2012, 12, .	0.9	7
231	Dietary arginine alleviates the oxidative stress, inflammation and immunosuppression of juvenile Chinese mitten crab Eriocheir sinensis under high pH stress. Aquaculture Reports, 2021, 19, 100619.	1.7	7
232	N-acetylcysteine provides protection against the toxicity of dietary T-2 toxin in juvenile Chinese mitten crab (Eriocheir sinensis). Aquaculture, 2021, 538, 736531.	3.5	7
233	Neural excitotoxicity and the toxic mechanism induced by acute hypoxia in Chinese mitten crab (Eriocheir sinensis). Aquatic Toxicology, 2022, 245, 106131.	4.0	7
234	Title is missing!. Turkish Journal of Fisheries and Aquatic Sciences, 2017, 17, .	0.9	6

#	Article	IF	Citations
235	Response of lipid molecular structure to dietary lipid type in Chinese mitten crab Eriocheir sinensis: A deep lipidomics analysis. Aquaculture Reports, 2021, 19, 100596.	1.7	6
236	Regulatory role of myo-inositol in vegetable oil-mediated lipid metabolism and health of Chinese mitten crab (Eriocheir sinensis). Aquaculture, 2022, 552, 738002.	3.5	6
237	Inhibition of pyruvate dehydrogenase kinase improves carbohydrate utilization in Nile tilapia by regulating PDK2/4-PDHE1Î± axis and insulin sensitivity. Animal Nutrition, 2022, 11, 25-37.	5.1	6
238	IGF-1 induces SOCS-2 but not SOCS-1 and SOCS-3 transcription in juvenile Nile tilapia (Oreochromis) Tj ETQq0 0 0 rgBT /Overlock 10	1.7	5
239	A comparison between benthic gillnet and bottom trawl for assessing fish assemblages in a shallow eutrophic lake near the Changjiang River estuary. Journal of Oceanology and Limnology, 2018, 36, 572-586.	1.3	5
240	Effects of dietary Zn on growth, antioxidant capacity, immunity and tolerance to lipopolysaccharide challenge in juvenile Chinese mitten crab Eriocheir sinensis. Aquaculture Research, 2022, 53, 1110-1120.	1.8	5
241	Bacillus amyloliquefaciens protects Nile tilapia against Aeromonas hydrophila infection and alleviates liver inflammation induced by high-carbohydrate diet. Fish and Shellfish Immunology, 2022, 127, 836-842.	3.6	5
242	Spatial and temporal assessment of the initial pattern of phytoplankton population in a newly built coastal reservoir. Frontiers of Earth Science, 2016, 10, 546-559.	2.1	4
243	Growth, fatty acid composition and lipid deposition of Russian sturgeon (Acipenser gueldenstaedtii) fed different lipid sources. Aquaculture Research, 2017, 48, 5126-5132.	1.8	4
244	Alteration and the Function of Intestinal Microbiota in High-Fat-Diet- or Genetics-Induced Lipid Accumulation. Frontiers in Microbiology, 2021, 12, 741616.	3.5	4
245	Comparative Analysis of Fatty Acid Profiles in Brains and Eyes of Five Economic Fish Species in Winter and Summer. Journal of Food and Nutrition Research (Newark, Del), 2014, 2, 722-730.	0.3	4
246	Dietary Copper Requirement of Juvenile Oriental River Prawn Macrobrachium nipponense, and its Effects on Growth, Antioxidant Activities, and Resistance to Aeromonas hydrophila. Israeli Journal of Aquaculture - Bamidgeh, 0, 66, .	0.0	4
247	Effect of Copper-EnrichedArtemiaon Growth, Body Composition, Antioxidant Enzyme Activities, and Osmotic Stress Tolerance of Chinese Mitten CrabEriocheir sinensisLarvae. Journal of Shellfish Research, 2013, 32, 759-766.	0.9	3
248	Correlations between zooplankton assemblages and environmental factors in the downtown rivers of Shanghai, China. Chinese Journal of Oceanology and Limnology, 2014, 32, 1352-1363.	0.7	3
249	Structure and energy flow of Dianshan Lake ecosystem based on the Ecopath model. Journal of Fishery Sciences of China, 2013, 18, 867-876.	0.2	3
250	Effect of Vitamin A Supplementation on Growth Performance, Lipid Deposition, Antioxidant Ability, and Immunity in Juvenile Chinese Mitten Crab Eriocheir sinensis Fed Diet with Fish Oil Totally Replaced by Palm Oil. Aquaculture Nutrition, 2022, 2022, 1-19.	2.7	3
251	Two genes with fertile attributes from Macrobrachium nipponense (De Haan, 1849) (Natantia:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 maturation and embryonic development. Journal of Crustacean Biology, 2016, 36, 229-237.	0.8	2
252	Nutritional regulation of pyruvate kinase and phosphoenolpyruvate carboxykinase at the enzymatic and molecular levels in cobia Rachycentron canadum. Fish Physiology and Biochemistry, 2019, 45, 1015-1028.	2.3	2

#	Article	IF	Citations
253	Effects of dietary alpha-linolenic acids on growth performance, lipid metabolism and antioxidant responses of juvenile Russian sturgeonAcipenser gueldenstaedtii. Aquaculture Nutrition, 2019, 25, 184-193.	2.7	2
254	A comparation between different iron sources on growth performance, iron utilization, antioxidant capacity and non-specific immunity in Eriocheir sinensis. Animal Feed Science and Technology, 2022, 288, 115300.	2.2	2
255	CIDEA and CIDEC are regulated by CREB and are not induced during fasting in grass carp Ctenopharyngodon idella adipocytes. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2019, 234, 50-57.	1.6	1
256	Peroxisome proliferator-activated receptor gamma is essential for stress adaptation by maintaining lipid homeostasis in female fish. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2022, 1867, 159162.	2.4	1
257	Gamma-aminobutyric acid enhances hypoxia tolerance of juvenile Chinese mitten crab (Eriocheir) Tj ETQq1 1 0.784314 rgBT /Overloc Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2022, 260, 109409.	2.6	1
258	Role of vitamin a in the ovary development for female Eriocheir sinensis in the gonadal development stage. Aquaculture, 2022, 560, 738612.	3.5	1