

Li-Qiao Chen

List of Publications by Year in descending order

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258
papers

8,399
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57681

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259
all docs

259
docs citations

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#	ARTICLE	IF	CITATIONS
1	<i>Myo</i>-inositol improves growth performance and regulates lipid metabolism of juvenile Chinese mitten crab (<i>Eriocheir sinensis</i>) fed different percentage of lipid. British Journal of Nutrition, 2022, 127, 666-678.	1.2	9
2	<i>Bacillus amyloliquefaciens</i> ameliorates high-carbohydrate diet-induced metabolic phenotypes by restoration of intestinal acetate-producing bacteria in Nile Tilapia. British Journal of Nutrition, 2022, 127, 653-665.	1.2	30
3	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>). Aquaculture, 2022, 546, 737332.	1.7	15
4	Toxicity of chronic copper exposure on Chinese mitten crab (<i>Eriocheir sinensis</i>) and mitigation of its adverse impact by myo-inositol. Aquaculture, 2022, 547, 737511.	1.7	17
5	Dietary vitamin A affects growth performance, immunity, antioxidant capacity, and lipid metabolism of juvenile Chinese mitten crab <i>Eriocheir sinensis</i>. Aquaculture, 2022, 548, 737556.	1.7	9
6	Impact of imidacloprid exposure on the biochemical responses, transcriptome, gut microbiota and growth performance of the Pacific white shrimp <i>Litopenaeus vannamei</i>. Journal of Hazardous Materials, 2022, 424, 127513.	6.5	40
7	Effects of dietary Zn on growth, antioxidant capacity, immunity and tolerance to lipopolysaccharide challenge in juvenile Chinese mitten crab <i>Eriocheir sinensis</i>. Aquaculture Research, 2022, 53, 1110-1120.	0.9	5
8	Combined effects of polystyrene microplastics and copper on antioxidant capacity, immune response and intestinal microbiota of Nile tilapia (<i>Oreochromis niloticus</i>). Science of the Total Environment, 2022, 808, 152099.	3.9	23
9	More simple more worse: Simple carbohydrate diets cause alterations in glucose and lipid metabolism in Nile tilapia (<i>Oreochromis niloticus</i>). Aquaculture, 2022, 550, 737857.	1.7	13
10	Regulatory role of myo-inositol in vegetable oil-mediated lipid metabolism and health of Chinese mitten crab (<i>Eriocheir sinensis</i>). Aquaculture, 2022, 552, 738002.	1.7	6
11	Dietary l-carnitine supplementation recovers the increased pH and hardness in fillets caused by high-fat diet in Nile tilapia (<i>Oreochromis niloticus</i>). Food Chemistry, 2022, 382, 132367.	4.2	18
12	Effect of Different Dietary Selenium Sources on Growth Performance, Antioxidant Capacity, Gut Microbiota, and Molecular Responses in Pacific White Shrimp <i>Litopenaeus vannamei</i>. Aquaculture Nutrition, 2022, 2022, 1-16.	1.1	11
13	Neural excitotoxicity and the toxic mechanism induced by acute hypoxia in Chinese mitten crab (<i>Eriocheir sinensis</i>). Aquatic Toxicology, 2022, 245, 106131.	1.9	7
14	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. Aquaculture, 2022, 554, 738123.	1.7	10
15	Molting, tissue calcium&phosphorus deposition and immunity of juvenile Chinese mitten crab (<i>Eriocheir sinensis</i>) fed different levels of calcium and vitamin D3. Aquaculture, 2022, 554, 738124.	1.7	10
16	Combined toxic effects of thiamethoxam on intestinal flora, transcriptome and physiology of Pacific white shrimp <i>Litopenaeus vannamei</i>. Science of the Total Environment, 2022, 830, 154799.	3.9	20
17	Effects and Mechanism of Different Phospholipid Diets on Ovary Development in Female Broodstock Pacific White Shrimp, <i>Litopenaeus vannamei</i>. Frontiers in Nutrition, 2022, 9, 830934.	1.6	13
18	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.	1.2	1

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19	New insights into the influence of myo-inositol on carbohydrate metabolism during osmoregulation in Nile tilapia (<i>Oreochromis niloticus</i>). <i>Animal Nutrition</i> , 2022, 10, 86-98.	2.1	11
20	Dietary gamma-aminobutyric acid (GABA) improves non-specific immunity and alleviates lipopolysaccharide (LPS)-induced immune overresponse in juvenile Chinese mitten crab (<i>Eriocheir</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50		
21	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.	1.1	2
22	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.	1.1	3
23	Growth, Health, and Gut Microbiota of Female Pacific White Shrimp, <i>Litopenaeus vannamei</i> Broodstock Fed Different Phospholipid Sources. <i>Antioxidants</i> , 2022, 11, 1143.	2.2	9
24	Inhibition of pyruvate dehydrogenase kinase improves carbohydrate utilization in Nile tilapia by regulating PDK2/4-PDHE1 α axis and insulin sensitivity. <i>Animal Nutrition</i> , 2022, 11, 25-37.	2.1	6
25	<i>Lactobacillus plantarum</i> Ameliorates High-Carbohydrate Diet-Induced Hepatic Lipid Accumulation and Oxidative Stress by Upregulating Uridine Synthesis. <i>Antioxidants</i> , 2022, 11, 1238.	2.2	8
26	<i>Bacillus amyloliquefaciens</i> protects Nile tilapia against <i>Aeromonas hydrophila</i> infection and alleviates liver inflammation induced by high-carbohydrate diet. <i>Fish and Shellfish Immunology</i> , 2022, 127, 836-842.	1.6	5
27	Gamma-aminobutyric acid enhances hypoxia tolerance of juvenile Chinese mitten crab (<i>Eriocheir</i>) Tj ETQq1 1 0.784314 rgBT /Overlock Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2022, 260, 109409.	1.3	1
28	Role of vitamin a in the ovary development for female <i>Eriocheir sinensis</i> in the gonadal development stage. <i>Aquaculture</i> , 2022, 560, 738612.	1.7	1
29	Dietary phospholipid alleviates the adverse effects of high-lipid diet in Chinese mitten crab (<i>Eriocheir</i>) Tj ETQq1 1 0.784314 rgBT /Overlock	1.7	22
30	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.	4.6	105
31	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.	1.7	22
32	Inulin alleviates adverse metabolic syndrome and regulates intestinal microbiota composition in Nile tilapia (<i>Oreochromis niloticus</i>) fed with high-carbohydrate diet. <i>British Journal of Nutrition</i> , 2021, 126, 161-171.	1.2	26
33	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.	1.7	17
34	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.	0.9	8
35	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.	1.1	11
36	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.	4.2	35

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37	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.	1.7	22
38	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.	1.7	26
39	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.	1.7	19
40	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.	0.8	13
41	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.	0.7	6
42	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.	0.7	7
43	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.	1.7	7
44	Influences of dietary vitamin D3 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.	1.2	17
45	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.	1.7	20
46	Dietary phosphatidylcholine affects growth performance, antioxidant capacity and lipid metabolism of Chinese mitten crab (<i>Eriocheir sinensis</i>). <i>Aquaculture</i> , 2021, 541, 736814.	1.7	12
47	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.	1.2	12
48	Alteration and the Function of Intestinal Microbiota in High-Fat-Diet- or Genetics-Induced Lipid Accumulation. <i>Frontiers in Microbiology</i> , 2021, 12, 741616.	1.5	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.	1.7	9
50	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, 2436-2447.	1.1	13
51	Impact of Dietary Vitamin D ₃ Supplementation on Growth, Molting, Antioxidant Capability, and Immunity of Juvenile Chinese Mitten Crabs (<i>Eriocheir sinensis</i>) by Metabolites and Vitamin D Receptor. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 12794-12806.	2.4	11
52	Improvement of dietary N-acetylcysteine on growth inhibition and intestinal damage induced by β -conglycinin in juvenile Chinese mitten crabs (<i>Eriocheir sinensis</i>). <i>Aquaculture</i> , 2020, 514, 734504.	1.7	16
53	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.	1.7	20
54	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.	1.7	35

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55	High carbohydrate diet partially protects Nile tilapia (<i>Oreochromis niloticus</i>) from oxytetracycline-induced side effects. <i>Environmental Pollution</i> , 2020, 256, 113508.	3.7	37
56	High protein diet alleviates the high pH stress in Chinese mitten crab <i>Eriocheir sinensis</i> . <i>Aquaculture</i> , 2020, 516, 734523.	1.7	12
57	Inhibited carnitine synthesis impairs adaptation to high-fat diet in Nile tilapia (<i>Oreochromis niloticus</i>). <i>Aquaculture Reports</i> , 2020, 16, 100249.	0.7	8
58	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.	1.6	28
59	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.	1.7	57
60	High-carbohydrate diet promotes the adaptation to acute hypoxia in zebrafish. <i>Fish Physiology and Biochemistry</i> , 2020, 46, 665-679.	0.9	17
61	Gnotobiotic models: Powerful tools for deeply understanding intestinal microbiota-host interactions in aquaculture. <i>Aquaculture</i> , 2020, 517, 734800.	1.7	29
62	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.	1.6	22
63	Alleviation of the Adverse Effect of Dietary Carbohydrate by Supplementation of Myo-Inositol to the Diet of Nile Tilapia (<i>Oreochromis niloticus</i>). <i>Animals</i> , 2020, 10, 2190.	1.0	15
64	Recovery from Hypersaline-Stress-Induced Immunity Damage and Intestinal-Microbiota Changes through Dietary β -glucan Supplementation in Nile tilapia (<i>Oreochromis niloticus</i>). <i>Animals</i> , 2020, 10, 2243.	1.0	9
65	Peroxisomal proliferator-activated receptor α deficiency induces the reprogramming of nutrient metabolism in zebrafish. <i>Journal of Physiology</i> , 2020, 598, 4537-4553.	1.3	20
66	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.	1.7	29
67	A Comparative Study on Growth and Metabolism of <i>Eriocheir sinensis</i> Juveniles Under Chronically Low and High pH Stress. <i>Frontiers in Physiology</i> , 2020, 11, 885.	1.3	8
68	Growth, Metabolite, Antioxidative Capacity, Transcriptome, and the Metabolome Response to Dietary Choline Chloride in Pacific White Shrimp <i>Litopenaeus vannamei</i> . <i>Animals</i> , 2020, 10, 2246.	1.0	15
69	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.	1.6	33
70	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.	1.7	22
71	Selecting suitable phospholipid source for female <i>Eriocheir sinensis</i> in pre-reproductive phase. <i>Aquaculture</i> , 2020, 528, 735610.	1.7	24
72	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.	0.8	24

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73	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.	1.1	35
74	<i>Citrobacter</i> Species Increase Energy Harvest by Modulating Intestinal Microbiota in Fish: Nondominant Species Play Important Functions. <i>MSystems</i> , 2020, 5, .	1.7	27
75	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.	1.6	30
76	Impaired peroxisomal fat oxidation induces hepatic lipid accumulation and oxidative damage in Nile tilapia. <i>Fish Physiology and Biochemistry</i> , 2020, 46, 1229-1242.	0.9	15
77	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.	1.3	44
78	Toxic effect of chronic nitrite exposure on growth and health in Pacific white shrimp <i>Litopenaeus vannamei</i> . <i>Aquaculture</i> , 2020, 529, 735664.	1.7	13
79	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.	0.7	12
80	The regulation of rapamycin on nutrient metabolism in Nile tilapia fed with high-energy diet. <i>Aquaculture</i> , 2020, 520, 734975.	1.7	22
81	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.	1.6	42
82	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.	6.5	41
83	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.	0.7	19
84	Functional differences between- and -carnitine in metabolic regulation evaluated using a low-carnitine Nile tilapia model. <i>British Journal of Nutrition</i> , 2019, 122, 625-638.	1.2	20
85	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.	1.6	23
86	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.	1.6	43
87	Concentration-dependent effects of 17β -estradiol and bisphenol A on lipid deposition, inflammation and antioxidant response in male zebrafish (<i>Danio rerio</i>). <i>Chemosphere</i> , 2019, 237, 124422.	4.2	40
88	Dietary Aroclor 1254-Induced Toxicity on Antioxidant Capacity, Immunity and Energy Metabolism in Chinese Mitten Crab <i>Eriocheir sinensis</i> : Amelioration by Vitamin A. <i>Frontiers in Physiology</i> , 2019, 10, 722.	1.3	16
89	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.	1.6	51
90	Inhibited autophagy impairs systemic nutrient metabolism in Nile tilapia. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2019, 236, 110521.	0.8	14

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91	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.	1.6	16
92	Effects of α -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.	1.1	29
93	Sex-specific alterations of lipid metabolism in zebrafish exposed to polychlorinated biphenyls. <i>Chemosphere</i> , 2019, 221, 768-777.	4.2	44
94	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.	1.7	38
95	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.	1.6	50
96	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.	0.8	26
97	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.	3.7	12
98	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.	1.7	11
99	CIDEA and CIDEC 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.	0.7	1
100	Comparison of effects of dietary-specific fatty acids on growth and lipid metabolism in Nile tilapia. <i>Aquaculture Nutrition</i> , 2019, 25, 862-872.	1.1	11
101	α -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.	1.7	21
102	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.	0.9	9
103	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.	0.9	2
104	The comparisons in protective mechanisms and efficiencies among dietary α -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.	1.6	46
105	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.	0.8	22
106	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.	1.6	46
107	Fasting enhances cold resistance in fish through stimulating lipid catabolism and autophagy. <i>Journal of Physiology</i> , 2019, 597, 1585-1603.	1.3	96
108	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.	4.2	50

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109	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.	1.1	2
110	Molecular identification of <i>dmrt1</i> 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.	0.9	12
111	Effects of glycinin and β^2 -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.	1.6	59
112	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.	4.6	47
113	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.	1.7	42
114	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.	5.1	169
115	Fishmeal replacement by soybean, rapeseed and cottonseed meals in hybrid sturgeon <i>Acipenser baerii</i> and <i>Acipenser schrenckii</i> . <i>Aquaculture Nutrition</i> , 2018, 24, 1369-1377.	1.1	22
116	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.	0.9	15
117	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.	1.6	46
118	IGF-1 induces SOCS-2 but not SOCS-1 and SOCS-3 transcription in juvenile Nile tilapia (<i>Oreochromis</i>) Tj ETQq0 0.0 rgBT /Qverlock 10	0.8	5
119	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.	0.6	5
120	GOS2a1 (GO/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.	1.0	11
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126	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.	0.9	8

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147	Energy metabolism and metabolomics response of Pacific white shrimp <i>Litopenaeus vannamei</i> to sulfide toxicity. <i>Aquatic Toxicology</i> , 2017, 183, 28-37.	1.9	72
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164	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.	0.9	29
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183	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</i>) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 7650 657</i>	1.2	65
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