Qinghui Ai

List of Publications by Year in Descending Order

219 papers	5,905 citations	42 h-index	66 g-index
235 ext. papers	7,410 ext. citations	3.7 avg, IF	5.79 L-index

#	Paper	IF	Citations
219	Vitamin D impacts on the intestinal health, immune status, and metabolism in turbot (L.).. *British Journal of Nutrition*, **2022**, 1-36	3.6	1
218	Environmental adaptation in fish induced changes in the regulatory region of fatty acid elongase gene, elovl5, involved in long-chain polyunsaturated fatty acid biosynthesis.. *International Journal of Biological Macromolecules*, **2022**, 204, 144-153	7.9	0
217	Effects of supplemental phytosterol on growth performance, body composition, serum biochemical indexes and lipid metabolism of juvenile large yellow croaker (Larimichthys crocea) fed with high lipid diet. *Aquaculture*, **2022**, 551, 737889	4.4	3
216	Long-chain fatty acids regulate SIRT3 expression by affecting intracellular NAD+ levels in large yellow croaker (Larimichthys crocea). *Aquaculture*, **2022**, 553, 738015	4.4	0
215	Vitamin D regulates insulin pathway and glucose metabolism in zebrafish (Danio rerio).. *FASEB Journal*, **2022**, 36, e22330	0.9	0
214	Dietary L-carnitine regulates liver lipid metabolism simultaneously activating fatty acid □bxidation and suppressing endoplasmic reticulum stress in large yellow croaker fed with high-fat diets.. *British Journal of Nutrition*, **2022**, 1-34	3.6	0
213	Regulation of □Fads2 Gene Involved in LC-PUFA Biosynthesis Subjected to Fatty Acid in Large Yellow Croaker (Larimichthys crocea) and Rainbow Trout (Oncorhynchus mykiss). *Biomolecules*, **2022**, 12, 659	5.9	1
212	Conventional Soybean Meal as Fishmeal Alternative in Diets of Japanese Seabass (Lateolabrax japonicus): Effects of Functional Additives on Growth, Immunity, Antioxidant Capacity and Disease Resistance. *Antioxidants*, **2022**, 11, 951	7.1	0
211	Suppression of cideb under endoplasmic reticulum stress exacerbated hepatic inflammation by inducing hepatic steatosis and oxidative stress.. *Free Radical Biology and Medicine*, **2022**, 185, 67-75	7.8	0
210	Stachyose protects intestinal mucosal barrier via promotion of tight junction and Lactobacillus casei-drived inhibition of apoptosis in juvenile turbot, Scophthalmus maximus L.. *Aquaculture*, **2022**, 556, 738280	4.4	1
209	Evaluation of Six Selected Commercial Fermented Soybean Meal by Feeding Juvenile Turbot (Scophthalmus maximus L.). *Aquaculture Nutrition*, **2022**, 2022, 1-13	3.2	1
208	Effects of fishmeal substitution by four fermented soybean meals on growth, antioxidant capacity and immune responses of turbot juveniles (Scophthalmus maximus L.). *Aquaculture*, **2022**, 738414	4.4	1
207	Effects of dietary tributyrin on growth performance, body composition, serum biochemical indexes and lipid metabolism-related genes expression of juvenile large yellow croaker (Larimichthys crocea) fed with high level soybean oil diets. *Aquaculture Nutrition*, **2021**, 27, 395-406	3.2	4
206	Effects of dietary inorganic salts supplementation on growth performance, bone mineral deposition, intestinal morphology and immune response of turbot juveniles (Scophthalmus maximus L.) in fermented soybean meal-based diets. *Aquaculture Nutrition*, **2021**, 27, 2541	3.2	0
205	Effects of dietary arginine on growth, activity of digestive enzymes, GCN2-ATF4 signalling pathway and nutritional metabolism-related gene expression of large yellow croaker (Larimichthys crocea) larvae. *Aquaculture Nutrition*, **2021**, 27, 2333	3.2	0
204	LPS Stimulation Induces Small Heterodimer Partner Expression Through the AMPK-NRF2 Pathway in Large Yellow Croaker (). *Frontiers in Immunology*, **2021**, 12, 753681	8.4	0
203	Effects of dietary eucommia ulmoides leaf extract (ELE) on growth performance, expression of feeding-related genes, activities of digestive enzymes, antioxidant capacity, immunity and cytokines expression of large yellow croaker () larvae. *British Journal of Nutrition*, **2021**, 1-29	3.6	1

202	FXR, a Key Regulator of Lipid Metabolism, Is Inhibited by ER Stress-Mediated Activation of JNK and p38 MAPK in Large Yellow Croakers () Fed High Fat Diets.. *Nutrients*, **2021**, 13,	6.7	2
201	Functional analysis and regulation mechanism of interferon gamma in macrophages of large yellow croaker (Larimichthys crocea). *International Journal of Biological Macromolecules*, **2021**, 194, 153-162	7.9	1
200	In vitro study of sodium butyrate on soyasaponin challenged intestinal epithelial cells of turbot (Scophthalmus maximus L.) refer to inflammation, apoptosis and antioxidant enzymes. *Fish and Shellfish Immunology Reports*, **2021**, 2, 100031	2	0
199	Acetyl-CoA derived from hepatic mitochondrial fatty acid □oxidation aggravates inflammation by enhancing p65 acetylation. *IScience*, **2021**, 24, 103244	6.1	1
198	The effects of different lipid sources on the growth, intestinal health, and lipid metabolism of the pacific white shrimp (Litopenaeus vannamei). *Aquaculture*, **2021**, 548, 737655	4.4	1
197	Early Life Intervention Using Probiotic Improves Intestinal Development, Immune Response, and Gut Microbiota in Large Yellow Croaker () Larvae. *Frontiers in Immunology*, **2021**, 12, 640767	8.4	8
196	Effect of dietary methionine on growth performance, lipid metabolism and antioxidant capacity of large yellow croaker (Larimichthys crocea) fed with high lipid diets. *Aquaculture*, **2021**, 536, 736388	4.4	11
195	Adiponectin□ roles in lipid and glucose metabolism modulation in fish: Mechanisms and perspectives. *Reviews in Aquaculture*, **2021**, 13, 2305-2321	8.9	2
194	High Fat Activates O-GlcNAcylation and Affects AMPK/ACC Pathway to Regulate Lipid Metabolism. *Nutrients*, **2021**, 13,	6.7	8
193	Regulation of Free Fatty Acid Receptor 4 on Inflammatory Gene Induced by LPS in Large Yellow Croaker (). *Frontiers in Immunology*, **2021**, 12, 703914	8.4	3
192	Comparation of oxylipin profiles as well as their substrates and synthetic enzymes transcriptional expression between marine fish Larimichthys crocea and freshwater fish Oncorhynchus mykiss. *Aquaculture*, **2021**, 539, 736641	4.4	0
191	Characterization of Caspase8 and its role in the regulation of apoptosis-related genes in large yellow croaker (Larimichthys crocea). *Aquaculture*, **2021**, 539, 736595	4.4	1
190	Activation of Autophagy Relieves Linoleic Acid-Induced Inflammation in Large Yellow Croaker (). *Frontiers in Immunology*, **2021**, 12, 649385	8.4	2
189	Effects of enzymatic hydrolysis chicken by-product in high plant-based protein diet on growth performance, digestive capacity, antioxidant capacity and non-specific immunity of juvenile turbot (Scophthalmus maximus L.). *Aquaculture Nutrition*, **2021**, 27, 1578-1589	3.2	0
188	Effects of dietary curcumin on growth, antioxidant capacity, fatty acid composition and expression of lipid metabolism-related genes of large yellow croaker fed a high-fat diet. *British Journal of Nutrition*, **2021**, 126, 345-354	3.6	5
187	Dietary daidzein improves the development of intestine subjected to soybean meal in juvenile turbot (Scophthalmus maximus L.). *Aquaculture Nutrition*, **2021**, 27, 17-27	3.2	2
186	Effects of High Levels of Dietary Linseed Oil on the Growth Performance, Antioxidant Capacity, Hepatic Lipid Metabolism, and Expression of Inflammatory Genes in Large Yellow Croaker (). *Frontiers in Physiology*, **2021**, 12, 631850	4.6	3
185	The protective role of daidzein in intestinal health of turbot (Scophthalmus maximus L.) fed soybean meal-based diets. *Scientific Reports*, **2021**, 11, 3352	4.9	5

184	Lipid overload impairs hepatic VLDL secretion via oxidative stress-mediated PKC□HNF4□MTP pathway in large yellow croaker (Larimichthys crocea). *Free Radical Biology and Medicine*, **2021**, 172, 213-225	7.8	3
183	Endoplasmic Reticulum Stress Disturbs Lipid Homeostasis and Augments Inflammation in the Intestine and Isolated Intestinal Cells of Large Yellow Croaker (). *Frontiers in Immunology*, **2021**, 12, 738143	8.4	2
182	Effects of dietary arginine levels on growth, immune function of physical barriers and serum parameters of spotted seabass (Lateolabrax maculatus) reared at different water temperatures. *Aquaculture*, **2021**, 541, 736812	4.4	2
181	Oleic and palmitic acids induce hepatic angiopoietin-like 4 expression predominantly via PPAR-□n. *British Journal of Nutrition*, **2021**, 1-27	3.6	2
180	Endoplasmic reticulum stress induces hepatic steatosis by transcriptional upregulating lipid droplet protein perilipin2. *FASEB Journal*, **2021**, 35, e21900	0.9	4
179	Arginine metabolism and its functions in growth, nutrient utilization, and immunonutrition of fish. *Animal Nutrition*, **2021**, 7, 716-727	4.8	2
178	Effects of DGAT1 inhibition on hepatic lipid deposition, antioxidant capacity and inflammatory response in Larimichthys crocea. *Aquaculture*, **2021**, 543, 736967	4.4	
177	Dietary polystyrene nanoplastics exposure alters liver lipid metabolism and muscle nutritional quality in carnivorous marine fish large yellow croaker (Larimichthys crocea). *Journal of Hazardous Materials*, **2021**, 419, 126454	12.8	9
176	Effects of DL-methionyl-DL-methionine supplementation on growth performance, immune and antioxidative responses of white leg shrimp (Litopenaeus vannamei) fed low fishmeal diet. *Aquaculture Reports*, **2021**, 21, 100785	2.3	1
175	Vitamin D protects turbot (Scophthalmus maximus L.) from bacterial infection. *Fish and Shellfish Immunology*, **2021**, 118, 25-33	4.3	2
174	Molecular identification of peptidoglycan recognition protein 5 and its functional characterization in innate immunity of large yellow croaker, Larimichthys crocea. *Developmental and Comparative Immunology*, **2021**, 124, 104130	3.2	1
173	Effect of replacement of dietary fish oil with four vegetable oils on prostaglandin E synthetic pathway and expression of inflammatory genes in marine fish Larimichthys crocea. *Fish and Shellfish Immunology*, **2020**, 107, 529-536	4.3	7
172	Effects of dietary organic trace mineral mixture levels on survival, growth performance, body composition and antioxidant capacity of juvenile turbot (Scophthalmus maximus). *Aquaculture Research*, **2020**, 51, 3421-3428	1.9	1
171	Characterization of antiviral immune response induced by poly(I:C) in macrophages of farmed large yellow croaker (Larimichthys crocea). *Fish and Shellfish Immunology*, **2020**, 104, 663-672	4.3	4
170	Online fat detection and evaluation in modelling digital physiological fish. *Aquaculture Research*, **2020**, 51, 3175-3190	1.9	
169	Fatty acid translocase (FAT/CD36) in large yellow croaker (Larimichthys crocea): Molecular cloning, characterization and the response to dietary fatty acids. *Aquaculture*, **2020**, 528, 735557	4.4	3
168	Activation of the Farnesoid X Receptor (FXR) Suppresses Linoleic Acid-Induced Inflammation in the Large Yellow Croaker (Larimichthys crocea). *Journal of Nutrition*, **2020**, 150, 2469-2477	4.1	16
167	The effect of dietary cecropin AD on intestinal health, immune response and disease resistance of juvenile turbot (Scophthalmus maximus L.). *Fish and Shellfish Immunology*, **2020**, 100, 117-125	4.3	11

166	Regulation of adiponectin on lipid metabolism in large yellow croaker (Larimichthys crocea). *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2020**, 1865, 158711	5	8
165	Liposome-mediated messenger RNA: An alternative for fish cell transfection in culture. *Aquaculture Research*, **2020**, 51, 2745-2757	1.9	
164	Molecular Characterization, Nutritional and Insulin Regulation of Elovl6 in Rainbow Trout (). *Biomolecules*, **2020**, 10,	5.9	4
163	Establishment and characterization of two head kidney macrophage cell lines from large yellow croaker (Larimichthys crocea). *Developmental and Comparative Immunology*, **2020**, 102, 103477	3.2	14
162	Molecular cloning and the involvement of IRE1XBP1s signaling pathway in palmitic acid induced - Inflammation in primary hepatocytes from large yellow croaker (Larimichthys crocea). *Fish and Shellfish Immunology*, **2020**, 98, 112-121	4.3	7
161	Effects of dietary Astragalus polysaccharides (APS) on survival, growth performance, activities of digestive enzyme, antioxidant responses and intestinal development of large yellow croaker (Larimichthys crocea) larvae. *Aquaculture*, **2020**, 517, 734752	4.4	20
160	Effect of dietary bile acid (BA) on the growth performance, body composition, antioxidant responses and expression of lipid metabolism-related genes of juvenile large yellow croaker (Larimichthys crocea) fed high-lipid diets. *Aquaculture*, **2020**, 518, 734768	4.4	31
159	Effects of dietary tea polyphenols on growth, immunity and lipid metabolism of juvenile black carp Mylopharyngodon piceus. *Aquaculture Research*, **2020**, 51, 569-576	1.9	10
158	Polyunsaturated Fatty Acids Influence LPS-Induced Inflammation of Fish Macrophages Through Differential Modulation of Pathogen Recognition and p38 MAPK/NF-B Signaling. *Frontiers in Immunology*, **2020**, 11, 559332	8.4	8
157	Dietary Allicin Improved the Survival and Growth of Large Yellow Croaker () Larvae via Promoting Intestinal Development, Alleviating Inflammation and Enhancing Appetite. *Frontiers in Physiology*, **2020**, 11, 587674	4.6	9
156	Are fish what they eat? A fatty acid's perspective. *Progress in Lipid Research*, **2020**, 80, 101064	14.3	37
155	6 Polyunsaturated fatty acids (linoleic acid) activate both autophagy and antioxidation in a synergistic feedback loop via TOR-dependent and TOR-independent signaling pathways. *Cell Death and Disease*, **2020**, 11, 607	9.8	27
154	Optimal amounts of coconut oil in diets improve the growth, antioxidant capacity and lipid metabolism of large yellow croaker (Larimichthys crocea). *Marine Life Science and Technology*, **2020**, 2, 376-385	4.5	2
153	Effects of dietary silymarin (SM) supplementation on growth performance, digestive enzyme activities, antioxidant capacity and lipid metabolism gene expression in large yellow croaker (Larimichthys crocea) larvae. *Aquaculture Nutrition*, **2020**, 26, 2225-2234	3.2	7
152	Effects of dietary terrestrial oils supplemented with L-carnitine on growth, antioxidant capacity, lipid metabolism and inflammation in large yellow croaker (). *British Journal of Nutrition*, **2020**, 1-31	3.6	5
151	High level of dietary olive oil decreased growth, increased liver lipid deposition and induced inflammation by activating the p38 MAPK and JNK pathways in large yellow croaker (Larimichthys crocea). *Fish and Shellfish Immunology*, **2019**, 94, 157-165	4.3	26
150	Dietary daidzein improved intestinal health of juvenile turbot in terms of intestinal mucosal barrier function and intestinal microbiota. *Fish and Shellfish Immunology*, **2019**, 94, 132-141	4.3	18
149	Effects of five compound attractants in high plant-based diets on feed intake and growth performance of juvenile turbot (Scophthalmus maximus L.). *Aquaculture Research*, **2019**, 50, 2350-2358	1.9	4

148	Molecular cloning, functional characterization and nutritional regulation of two elovl4b elongases from rainbow trout (Oncorhynchus mykiss). *Aquaculture*, **2019**, 511, 734221	4.4	9
147	Citric acid mitigates soybean meal induced inflammatory response and tight junction disruption by altering TLR signal transduction in the intestine of turbot, Scophthalmus maximus L. *Fish and Shellfish Immunology*, **2019**, 92, 181-187	4.3	19
146	Molecular Cloning, Characterization, and Nutritional Regulation of Elovl6 in Large Yellow Croaker (). *International Journal of Molecular Sciences*, **2019**, 20,	6.3	14
145	Sodium butyrate supplementation in high-soybean meal diets for turbot (Scophthalmus maximus L.): Effects on inflammatory status, mucosal barriers and microbiota in the intestine. *Fish and Shellfish Immunology*, **2019**, 88, 65-75	4.3	58
144	High percentage of dietary palm oil suppressed growth and antioxidant capacity and induced the inflammation by activation of TLR-NF-B signaling pathway in large yellow croaker (Larimichthys crocea). *Fish and Shellfish Immunology*, **2019**, 87, 600-608	4.3	34
143	Effect of dietary xylan on immune response, tight junction protein expression and bacterial community in the intestine of juvenile turbot (Scophthalmus maximus L.). *Aquaculture*, **2019**, 512, 734361	4.4	7
142	TIR Domain-Containing Adaptor-Inducing Interferon-(TRIF) Participates in Antiviral Immune Responses and Hepatic Lipogenesis of Large Yellow Croaker (). *Frontiers in Immunology*, **2019**, 10, 2506	8.4	12
141	Adipose tissue contributes to hepatic pro-inflammatory response when dietary fish oil is replaced by vegetable oil in large yellow croaker (Larimichthys crocea): An ex vivo study. *Fish and Shellfish Immunology*, **2019**, 84, 955-961	4.3	14
140	Effects of dietary levels of protein on growth, feed utilization and physiological parameters for juvenile Dabry's sturgeon, Acipenser dabryanus. *Aquaculture Research*, **2018**, 49, 2099-2107	1.9	2
139	Citric acid as a functional supplement in diets for juvenile turbot, Scophthalmus maximus L.: Effects on phosphorus discharge, growth performance, and intestinal health. *Aquaculture*, **2018**, 495, 643-653	4.4	13
138	Dietary arginine supplementation mitigates the soybean meal induced enteropathy in juvenile turbot, Scophthalmus maximus L.. *Aquaculture Research*, **2018**, 49, 1535-1545	1.9	16
137	Effects of dietary tea polyphenols on growth, biochemical and antioxidant responses, fatty acid composition and expression of lipid metabolism related genes of large yellow croaker (Larimichthys crocea). *Aquaculture Research*, **2018**, 49, 1210-1218	1.9	26
136	Molecular cloning and characterization of farnesoid X receptor from large yellow croaker (Larimichthys crocea) and the effect of dietary CDCA on the expression of inflammatory genes in intestine and spleen. *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*, **2018**, 216, 10-17	2.3	11
135	Effect of dietary taurine supplementation on growth performance, digestive enzyme activities and antioxidant status of juvenile black carp (Mylopharyngodon piceus) fed with low fish meal diet. *Aquaculture Research*, **2018**, 49, 3187-3195	1.9	18
134	Influence of a Dietary Vegetable Oil Blend on Serum Lipid Profiles in Large Yellow Croaker (Larimichthys crocea). *Journal of Agricultural and Food Chemistry*, **2018**, 66, 9097-9106	5.7	12
133	Lipid deposition patterns among different sizes of three commercial fish species. *Aquaculture Research*, **2018**, 49, 1046-1052	1.9	8
132	Dietary stachyose altered the intestinal microbiota profile and improved the intestinal mucosal barrier function of juvenile turbot, Scophthalmus maximus L.. *Aquaculture*, **2018**, 486, 98-106	4.4	46
131	Dietary citric acid supplementation alleviates soybean meal-induced intestinal oxidative damage and micro-ecological imbalance in juvenile turbot, Scophthalmus maximus L. *Aquaculture Research*, **2018**, 49, 3804-3816	1.9	16

130	Molecular cloning and functional characterization of a putative Elovl4 gene and its expression in response to dietary fatty acid profiles in orange-spotted grouper Epinephelus coioides. *Aquaculture Research*, **2017**, 48, 537-552	1.9	33
129	Effects of fish meal replacement by soybean meal with supplementation of functional compound additives on intestinal morphology and microbiome of Japanese seabass (Lateolabrax japonicus). *Aquaculture Research*, **2017**, 48, 2186-2197	1.9	45
128	Evaluation of Schizochytrium meal in microdiets of Pacific white shrimp (Litopenaeus vannamei) larvae. *Aquaculture Research*, **2017**, 48, 2328-2336	1.9	20
127	Influence of dietary lipid on growth performance and some lipogenesis-related gene expression of tongue sole (Cynoglossus semilaevis) larvae. *Aquaculture Research*, **2017**, 48, 767-779	1.9	6
126	Effect of dietary chitosan oligosaccharide complex with Ce (IV) on growth, immunity and disease resistance against Vibrio splendidus of sea cucumber, Apostichopus japonicas. *Aquaculture Research*, **2017**, 48, 1158-1167	1.9	6
125	Molecular cloning and genetic ontogeny of some key lipolytic enzymes in large yellow croaker larvae (Larimichthys crocea R.). *Aquaculture Research*, **2017**, 48, 1183-1193	1.9	11
124	Regulation of FADS2 transcription by SREBP-1 and PPAR-□influences LC-PUFA biosynthesis in fish. *Scientific Reports*, **2017**, 7, 40024	4.9	50
123	Dietary vegetable oil suppressed non-specific immunity and liver antioxidant capacity but induced inflammatory response in Japanese sea bass (Lateolabrax japonicus). *Fish and Shellfish Immunology*, **2017**, 63, 139-146	4.3	37
122	Effects of dietary glycinin on the growth performance, digestion, intestinal morphology and bacterial community of juvenile turbot, Scophthalmus maximus L.. *Aquaculture*, **2017**, 479, 125-133	4.4	44
121	Dietary lipid levels affect lipoprotein clearance, fatty acid transport, lipogenesis and lipolysis at the transcriptional level in muscle and adipose tissue of large yellow croaker (Larimichthys crocea). *Aquaculture Research*, **2017**, 48, 3925-3934	1.9	11
120	Effects of dietary chenodeoxycholic acid on growth performance, body composition and related gene expression in large yellow croaker (Larimichthys crocea) fed diets with high replacement of fish oil with soybean oil. *Aquaculture*, **2017**, 479, 584-590	4.4	36
119	Effect of dietary fatty acid composition on growth, fatty acids composition and hepatic lipid metabolism in juvenile turbot (Scophthalmus maximus L.) fed diets with required n3 LC-PUFAs. *Aquaculture*, **2017**, 479, 591-600	4.4	27
118	Effects of dietary phospholipids on growth performance and expression of key genes involved in phosphatidylcholine metabolism in larval and juvenile large yellow croaker, Larimichthys crocea. *Aquaculture*, **2017**, 469, 59-66	4.4	35
117	Omega-3 polyunsaturated fatty acids alleviate hepatic steatosis-induced inflammation through Sirt1-mediated nuclear translocation of NF-B p65 subunit in hepatocytes of large yellow croaker (Larmichthys crocea). *Fish and Shellfish Immunology*, **2017**, 71, 76-82	4.3	26
116	Suppressor of cytokine signaling 3 (SOCS3) is related to pro-inflammatory cytokine production and triglyceride deposition in turbot (Scophthalmus maximus). *Fish and Shellfish Immunology*, **2017**, 70, 381-390	4.3	10
115	Functional characterization and differential nutritional regulation of putative Elovl5 and Elovl4 elongases in large yellow croaker (Larimichthys crocea). *Scientific Reports*, **2017**, 7, 2303	4.9	53
114	Regulation of hepatic lipid deposition by phospholipid in large yellow croaker. *British Journal of Nutrition*, **2017**, 118, 999-1009	3.6	26
113	Effects of dietary arginine and glutamine on growth performance, nonspecific immunity, and disease resistance in relation to arginine catabolism in juvenile turbot (Scophthalmus maximus L.). *Aquaculture*, **2017**, 468, 246-254	4.4	20

112	Dietary soya allergen β-conglycinin induces intestinal inflammatory reactions, serum-specific antibody response and growth reduction in a carnivorous fish species, turbot Scophthalmus maximus L.. *Aquaculture Research*, **2017**, 48, 4022-4037	1.9	32
111	Molecular cloning and characterization of unfolded protein response genes from large yellow croaker (Larimichthys crocea) and their expression in response to dietary fatty acids. *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*, **2017**, 203, 53-64	2.3	5
110	Effects of oxidised dietary fish oil and high-dose vitamin E supplementation on growth performance, feed utilisation and antioxidant defence enzyme activities of juvenile large yellow croaker (Larmichthys crocea). *British Journal of Nutrition*, **2016**, 115, 1531-8	3.6	14
109	Effects of dietary phospholipid on lipase activity, antioxidant capacity and lipid metabolism-related gene expression in large yellow croaker larvae (Larimichthys crocea). *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*, **2016**, 201, 46-52	2.3	35
108	Vegetable oil induced inflammatory response by altering TLR-NF-κB signalling, macrophages infiltration and polarization in adipose tissue of large yellow croaker (Larimichthys crocea). *Fish and Shellfish Immunology*, **2016**, 59, 398-405	4.3	42
107	Dietary docosahexaenoic acid to eicosapentaenoic acid (DHA/EPA) ratio influenced growth performance, immune response, stress resistance and tissue fatty acid composition of juvenile Japanese seabass, Lateolabrax japonicus (Cuvier). *Aquaculture Research*, **2016**, 47, 741-757	1.9	30
106	Molecular cloning, tissue distribution and nutritional regulation of a Δ6-fatty acyl desaturase-like enzyme in large yellow croaker (Larimichthys crocea). *Aquaculture Research*, **2016**, 47, 445-459	1.9	17
105	Molecular cloning, tissue distribution and nutritional regulation of a fatty acyl elovl5-like elongase in large yellow croaker, Larimichthys crocea. *Aquaculture Research*, **2016**, 47, 2393-2406	1.9	8
104	Effects of dietary lipid level on growth, fatty acid composition, digestive enzymes and expression of some lipid metabolism related genes of orange-spotted grouper larvae (Epinephelus coioides H.). *Aquaculture Research*, **2016**, 47, 2481-2495	1.9	33
103	Dietary methionine level influences growth and lipid metabolism via GCN2 pathway in cobia (Rachycentron canadum). *Aquaculture*, **2016**, 454, 148-156	4.4	42
102	Wnt/β-catenin signaling participates in the regulation of lipogenesis in the liver of juvenile turbot (Scophthalmus maximus L.). *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*, **2016**, 191, 155-62	2.3	11
101	Dietary lipid concentration affects liver mitochondrial DNA copy number, gene expression and DNA methylation in large yellow croaker (Larimichthys crocea). *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*, **2016**, 193, 25-32	2.3	30
100	GSK-3b participates in the regulation of hepatic lipid deposition in large yellow croaker (Larmichthys crocea). *Fish Physiology and Biochemistry*, **2016**, 42, 379-88	2.7	11
99	Molecular Cloning, Functional Characterization and Nutritional Regulation of the Putative Elongase Elovl5 in the Orange-Spotted Grouper (Epinephelus coioides). *PLoS ONE*, **2016**, 11, e0150544	3.7	10
98	Dietary threonine requirement of juvenile large yellow croaker, Larmichthys crocea. *Aquaculture Research*, **2016**, 47, 3616-3624	1.9	4
97	Molecular cloning and functional characterization of arachidonate 5-lipoxygenase (Alox5), and its expression in response to the ratio of linolenic acid to linoleic acid in diets of large yellow croaker (Larmichthys crocea). *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*, **2016**, 201, 21-8	2.3	2
96	Characterization of Cyclooxygenase-2 and its induction pathways in response to high lipid diet-induced inflammation in Larmichthys crocea. *Scientific Reports*, **2016**, 6, 19921	4.9	27
95	Response of juvenile Japanese seabass (Lateolabrax japonicus) to different dietary fatty acid profiles: Growth performance, tissue lipid accumulation, liver histology and flesh texture. *Aquaculture*, **2016**, 461, 40-47	4.4	32

94	Tumour necrosis factor-α inhibits hepatic lipid deposition through GSK-3β/β-catenin signaling in juvenile turbot (Scophthalmus maximus L.). *General and Comparative Endocrinology*, **2016**, 228, 1-8	3	6
93	Dietary protein requirement of juvenile turbot (Scophthalmus maximus Linnaeus). *Journal of Ocean University of China*, **2015**, 14, 325-328	1	10
92	Effect of dietary lipid on the growth, fatty acid composition and Δ5 Fads expression of abalone (Haliotis discus hannai Ino) hepatopancreas. *Journal of Ocean University of China*, **2015**, 14, 317-324	1	4
91	Dietary leucine requirement of juvenile Japanese seabass (Lateolabrax japonicus). *Journal of Ocean University of China*, **2015**, 14, 121-126	1	10
90	The effect of dietary arachidonic acid (ARA) on growth performance, fatty acid composition and expression of ARA metabolism-related genes in larval half-smooth tongue sole (Cynoglossus semilaevis). *British Journal of Nutrition*, **2015**, 113, 1518-30	3.6	24
89	Effects of dietary stachyose on growth performance, digestive enzyme activities and intestinal morphology of juvenile turbot (Scophthalmus maximus L). *Journal of Ocean University of China*, **2015**, 14, 905-912	1	15
88	Dietary Olive and Perilla Oils Affect Liver Mitochondrial DNA Methylation in Large Yellow Croakers. *Journal of Nutrition*, **2015**, 145, 2479-85	4.1	22
87	In vitro assay for evaluating the effects of three anti-nutritional factors on the primary-cultured intestinal epithelial cells isolated from Japanese flounder, Paralichthys olivaceus. *Aquaculture Research*, **2015**, 46, 242-251	1.9	3
86	Cloning and characterization of SREBP-1 and PPAR-α in Japanese seabass Lateolabrax japonicus, and their gene expressions in response to different dietary fatty acid profiles. *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*, **2015**, 180, 48-56	2.3	35
85	Tumor necrosis factor alpha is a potent regulator in fish adipose tissue. *Aquaculture*, **2015**, 436, 65-71	4.4	7
84	Replacement of Fish Oil with Linseed Oil or Soybean Oil in Feeds for Japanese Seabass, Lateolabrax japonicus : Effects on Growth Performance, Immune Response, and Tissue Fatty Acid Composition. *Journal of the World Aquaculture Society*, **2015**, 46, 349-362	2.5	27
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