

# Qinghui Ai

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/4290967/qinghui-ai-publications-by-citations.pdf>

**Version:** 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

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	Effects of dietary supplementation of <i>Bacillus subtilis</i> and fructooligosaccharide on growth performance, survival, non-specific immune response and disease resistance of juvenile large yellow croaker, <i>Larimichthys crocea</i> . <i>Aquaculture</i> , <b>2011</b> , 317, 155-161	4.4	203
218	Effects of dietary beta-1, 3 glucan on innate immune response of large yellow croaker, <i>Pseudosciaena crocea</i> . <i>Fish and Shellfish Immunology</i> , <b>2007</b> , 22, 394-402	4.3	191
217	Effects of replacing fish meal with soy protein concentrate on feed intake and growth of juvenile Japanese flounder, <i>Paralichthys olivaceus</i> . <i>Aquaculture</i> , <b>2006</b> , 258, 503-513	4.4	173
216	Effects of dietary n-3 highly unsaturated fatty acids on growth, nonspecific immunity, expression of some immune related genes and disease resistance of large yellow croaker ( <i>Larimichthys crocea</i> ) following natural infestation of parasites ( <i>Cryptocaryon irritans</i> ). <i>Fish and Shellfish Immunology</i> , <b>2012</b> , 32, 249-58	4.3	164
215	Effects of dietary vitamin C on survival, growth, and immunity of large yellow croaker, <i>Pseudosciaena crocea</i> . <i>Aquaculture</i> , <b>2006</b> , 261, 327-336	4.4	141
214	Effects of dietary protein to energy ratios on growth and body composition of juvenile Japanese seabass, <i>Lateolabrax japonicus</i> . <i>Aquaculture</i> , <b>2004</b> , 230, 507-516	4.4	126
213	Effects of dietary vitamin C on growth and immune response of Japanese seabass, <i>Lateolabrax japonicus</i> . <i>Aquaculture</i> , <b>2004</b> , 242, 489-500	4.4	123
212	Dietary methionine requirement of large yellow croaker, <i>Pseudosciaena crocea</i> R. <i>Aquaculture</i> , <b>2006</b> , 253, 564-572	4.4	121
211	Growth performance, lipid deposition and hepatic lipid metabolism related gene expression in juvenile turbot ( <i>Scophthalmus maximus</i> L.) fed diets with various fish oil substitution levels by soybean oil. <i>Aquaculture</i> , <b>2014</b> , 433, 442-449	4.4	111
210	Effects of dietary canola meal on growth performance, digestion and metabolism of Japanese seabass, <i>Lateolabrax japonicus</i> . <i>Aquaculture</i> , <b>2010</b> , 305, 102-108	4.4	109
209	Dietary lysine requirement of juvenile Japanese seabass, <i>Lateolabrax japonicus</i> . <i>Aquaculture</i> , <b>2006</b> , 258, 535-542	4.4	109
208	Effects of nucleotide supplementation on growth, immune responses and intestinal morphology in juvenile turbot fed diets with graded levels of soybean meal ( <i>Scophthalmus maximus</i> L.). <i>Aquaculture</i> , <b>2013</b> , 392-395, 51-58	4.4	99
207	Effects of dietary arachidonic acid on growth performance, survival, immune response and tissue fatty acid composition of juvenile Japanese seabass, <i>Lateolabrax japonicus</i> . <i>Aquaculture</i> , <b>2010</b> , 307, 75-82	4.4	97
206	Dietary administration of <i>Bacillus</i> ( <i>B. licheniformis</i> and <i>B. subtilis</i> ) and isomaltooligosaccharide influences the intestinal microflora, immunological parameters and resistance against <i>Vibrio alginolyticus</i> in shrimp, <i>Penaeus japonicus</i> (Decapoda: Penaeidae). <i>Aquaculture Research</i> , <b>2011</b> , 42, 943-952	1.9	95
205	Dietary phosphorus requirement of large yellow croaker, <i>Pseudosciaena crocea</i> R. <i>Aquaculture</i> , <b>2006</b> , 251, 346-353	4.4	85
204	Effects of dietary soybean saponins on feed intake, growth performance, digestibility and intestinal structure in juvenile Japanese flounder ( <i>Paralichthys olivaceus</i> ). <i>Aquaculture</i> , <b>2011</b> , 318, 95-100	4.4	84
203	Effects of exogenous enzymes (phytase, non-starch polysaccharide enzyme) in diets on growth, feed utilization, nitrogen and phosphorus excretion of Japanese seabass, <i>Lateolabrax japonicus</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2007</b> , 147, 502-8	2.6	84

202	Dietary phosphorus requirement of juvenile Japanese seabass, <i>Lateolabrax japonicus</i> . <i>Aquaculture</i> , <b>2006</b> , 255, 201-209	4.4	80
201	Replacement of fish meal by meat and bone meal in diets for large yellow croaker, <i>Pseudosciaena crocea</i> . <i>Aquaculture</i> , <b>2006</b> , 260, 255-263	4.4	80
200	Effect of dietary carbohydrate level on growth performance, body composition, apparent digestibility coefficient and digestive enzyme activities of juvenile cobia, <i>Rachycentron canadum</i> L. <i>Aquaculture Research</i> , <b>2011</b> , 42, 1467-1475	1.9	79
199	Effects of dietary taurine supplementation to a casein-based diet on growth performance and taurine distribution in two sizes of juvenile turbot ( <i>Scophthalmus maximus</i> L.). <i>Aquaculture</i> , <b>2012</b> , 358-359, 122-128	4.4	74
198	Effects of dietary docosahexaenoic to eicosapentaenoic acid ratio (DHA/EPA) on growth, nonspecific immunity, expression of some immune related genes and disease resistance of large yellow croaker ( <i>Larimichthys crocea</i> ) following natural infestation of parasites ( <i>Cryptocaryon irritans</i> ). <i>Aquaculture</i> , <b>2012</b> , 334-337, 101-109	4.4	73
197	Synergistic effects of dietary cholesterol and taurine on growth performance and cholesterol metabolism in juvenile turbot ( <i>Scophthalmus maximus</i> L.) fed high plant protein diets. <i>Aquaculture</i> , <b>2012</b> , 324-325, 85-91	4.4	71
196	Dietary Lipid Levels Influence Lipid Deposition in the Liver of Large Yellow Croaker ( <i>Larimichthys crocea</i> ) by Regulating Lipoprotein Receptors, Fatty Acid Uptake and Triacylglycerol Synthesis and Catabolism at the Transcriptional Level. <i>PLoS ONE</i> , <b>2015</b> , 10, e0129937	3.7	70
195	The optimal feeding frequency of large yellow croaker ( <i>Pseudosciaena crocea</i> , Richardson) larvae. <i>Aquaculture</i> , <b>2011</b> , 311, 162-167	4.4	63
194	Effects of dietary rapeseed meal on growth performance, digestion and protein metabolism in relation to gene expression of juvenile cobia ( <i>Rachycentron canadum</i> ). <i>Aquaculture</i> , <b>2012</b> , 368-369, 109-116	4.4	61
193	Effects of conjugated linoleic acid on growth, non-specific immunity, antioxidant capacity, lipid deposition and related gene expression in juvenile large yellow croaker ( <i>Larimichthys crocea</i> ) fed soyabean oil-based diets. <i>British Journal of Nutrition</i> , <b>2013</b> , 110, 1220-32	3.6	60
192	Regulation of tissue LC-PUFA contents, $\beta$ fatty acyl desaturase (FADS2) gene expression and the methylation of the putative FADS2 gene promoter by different dietary fatty acid profiles in Japanese seabass ( <i>Lateolabrax japonicus</i> ). <i>PLoS ONE</i> , <b>2014</b> , 9, e87726	3.7	59
191	Sodium butyrate supplementation in high-soybean meal diets for turbot ( <i>Scophthalmus maximus</i> L.): Effects on inflammatory status, mucosal barriers and microbiota in the intestine. <i>Fish and Shellfish Immunology</i> , <b>2019</b> , 88, 65-75	4.3	58
190	Functional characterization and differential nutritional regulation of putative Elovl5 and Elovl4 elongases in large yellow croaker ( <i>Larimichthys crocea</i> ). <i>Scientific Reports</i> , <b>2017</b> , 7, 2303	4.9	53
189	A comparative study: In vitro effects of EPA and DHA on immune functions of head-kidney macrophages isolated from large yellow croaker ( <i>Larimichthys crocea</i> ). <i>Fish and Shellfish Immunology</i> , <b>2013</b> , 35, 933-40	4.3	52
188	Effects of dietary glutamine on survival, growth performance, activities of digestive enzyme, antioxidant status and hypoxia stress resistance of half-smooth tongue sole ( <i>Cynoglossus semilaevis</i> GÜther) post larvae. <i>Aquaculture</i> , <b>2015</b> , 446, 48-56	4.4	52
187	Effects of dietary $\beta$ -glucan on the growth, immune responses and resistance of sea cucumber, <i>Apostichopus japonicus</i> against <i>Vibrio splendidus</i> infection. <i>Aquaculture</i> , <b>2011</b> , 315, 269-274	4.4	52
186	Regulation of FADS2 transcription by SREBP-1 and PPAR- $\alpha$ influences LC-PUFA biosynthesis in fish. <i>Scientific Reports</i> , <b>2017</b> , 7, 40024	4.9	50
185	Dietary choline requirement for juvenile cobia, <i>Rachycentron canadum</i> . <i>Aquaculture</i> , <b>2009</b> , 289, 124-128	4.4	49

184	Effects of dietary size-fractionated fish hydrolysates on growth, activities of digestive enzymes and aminotransferases and expression of some protein metabolism related genes in large yellow croaker ( <i>Larimichthys crocea</i> ) larvae. <i>Aquaculture</i> , <b>2015</b> , 440, 40-47	4.4	46
183	Dietary stachyose altered the intestinal microbiota profile and improved the intestinal mucosal barrier function of juvenile turbot, <i>Scophthalmus maximus</i> L.. <i>Aquaculture</i> , <b>2018</b> , 486, 98-106	4.4	46
182	Effects of fish meal replacement by soybean meal with supplementation of functional compound additives on intestinal morphology and microbiome of Japanese seabass ( <i>Lateolabrax japonicus</i> ). <i>Aquaculture Research</i> , <b>2017</b> , 48, 2186-2197	1.9	45
181	Alternative protein sources in diets for Japanese flounder <i>Paralichthys olivaceus</i> (Temminck and Schlegel): II. Effects on nutrient digestibility and digestive enzyme activity. <i>Aquaculture Research</i> , <b>2009</b> , 41, 861-870	1.9	45
180	Effects of dietary glycinin on the growth performance, digestion, intestinal morphology and bacterial community of juvenile turbot, <i>Scophthalmus maximus</i> L.. <i>Aquaculture</i> , <b>2017</b> , 479, 125-133	4.4	44
179	Effects of dietary phospholipids on survival, growth, digestive enzymes and stress resistance of large yellow croaker, <i>Larimichthys crocea</i> larvae. <i>Aquaculture</i> , <b>2013</b> , 410-411, 122-128	4.4	43
178	Vegetable oil induced inflammatory response by altering TLR-NF- $\kappa$ B signalling, macrophages infiltration and polarization in adipose tissue of large yellow croaker ( <i>Larimichthys crocea</i> ). <i>Fish and Shellfish Immunology</i> , <b>2016</b> , 59, 398-405	4.3	42
177	Dietary methionine level influences growth and lipid metabolism via GCN2 pathway in cobia ( <i>Rachycentron canadum</i> ). <i>Aquaculture</i> , <b>2016</b> , 454, 148-156	4.4	42
176	Dietary lysine requirement of large yellow croaker, <i>Pseudosciaena crocea</i> R.. <i>Aquaculture</i> , <b>2008</b> , 283, 123-127	4.4	41
175	Effects of Replacement of Fish Meal by Soybean Meal and Supplementation of Methionine in Fish Meal/Soybean Meal-based Diets on Growth Performance of the Southern Catfish <i>Silurus meridionalis</i> . <i>Journal of the World Aquaculture Society</i> , <b>2005</b> , 36, 498-507	2.5	40
174	Dietary ALA, but not LNA, increase growth, reduce inflammatory processes, and increase anti-oxidant capacity in the marine finfish <i>Larimichthys crocea</i> : dietary ALA, but not LNA, increase growth, reduce inflammatory processes, and increase anti-oxidant capacity in the large yellow croaker. <i>Lipids</i> <b>2015</b> , 50, 149-63	1.6	39
173	Comparison of high-protein soybean meal and commercial soybean meal partly replacing fish meal on the activities of digestive enzymes and aminotransferases in juvenile Japanese seabass, <i>Lateolabrax japonicus</i> (Cuvier, 1828). <i>Aquaculture Research</i> , <b>2014</b> , 45, 1051-1060	1.9	39
172	Effect of high dietary intakes of vitamin E and n-3 HUFA on immune responses and resistance to <i>Edwardsiella tarda</i> challenge in Japanese flounder ( <i>Paralichthys olivaceus</i> , Temminck and Schlegel). <i>Aquaculture Research</i> , <b>2006</b> , 37, 681-692	1.9	38
171	Dietary vegetable oil suppressed non-specific immunity and liver antioxidant capacity but induced inflammatory response in Japanese sea bass ( <i>Lateolabrax japonicus</i> ). <i>Fish and Shellfish Immunology</i> , <b>2017</b> , 63, 139-146	4.3	37
170	Are fish what they eat? A fatty acid's perspective. <i>Progress in Lipid Research</i> , <b>2020</b> , 80, 101064	14.3	37
169	Effects of dietary chenodeoxycholic acid on growth performance, body composition and related gene expression in large yellow croaker ( <i>Larimichthys crocea</i> ) fed diets with high replacement of fish oil with soybean oil. <i>Aquaculture</i> , <b>2017</b> , 479, 584-590	4.4	36
168	Effects of dietary squid viscera meal on growth and cadmium accumulation in tissues of Japanese seabass, <i>Lateolabrax japonicus</i> (Cuvier 1828). <i>Aquaculture Research</i> , <b>2006</b> , 37, 1063-1069	1.9	36
167	Effects of dietary phospholipids on growth performance and expression of key genes involved in phosphatidylcholine metabolism in larval and juvenile large yellow croaker, <i>Larimichthys crocea</i> . <i>Aquaculture</i> , <b>2017</b> , 469, 59-66	4.4	35

166	Cloning and characterization of SREBP-1 and PPAR- $\alpha$ in Japanese seabass <i>Lateolabrax japonicus</i> , and their gene expressions in response to different dietary fatty acid profiles. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2015</b> , 180, 48-56	2.3	35
165	Effects of dietary phospholipid on lipase activity, antioxidant capacity and lipid metabolism-related gene expression in large yellow croaker larvae ( <i>Larimichthys crocea</i> ). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2016</b> , 201, 46-52	2.3	35
164	Effects of Dietary Administration of Probiotic <i>Halomonas</i> sp. B12 on the Intestinal Microflora, Immunological Parameters, and Midgut Histological Structure of Shrimp, <i>Fenneropenaeus chinensis</i> . <i>Journal of the World Aquaculture Society</i> , <b>2009</b> , 40, 58-66	2.5	35
163	High percentage of dietary palm oil suppressed growth and antioxidant capacity and induced the inflammation by activation of TLR-NF- $\kappa$ B signaling pathway in large yellow croaker ( <i>Larimichthys crocea</i> ). <i>Fish and Shellfish Immunology</i> , <b>2019</b> , 87, 600-608	4.3	34
162	Molecular cloning and functional characterization of a putative Elovl4 gene and its expression in response to dietary fatty acid profiles in orange-spotted grouper <i>Epinephelus coioides</i> . <i>Aquaculture Research</i> , <b>2017</b> , 48, 537-552	1.9	33
161	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 ( <i>Epinephelus coioides</i> H.). <i>Aquaculture Research</i> , <b>2016</b> , 47, 2481-2495	1.9	33
160	Characterization of two $\delta$ fatty acyl desaturases in abalone ( <i>Haliotis discus hannai</i> Ino). <i>Aquaculture</i> , <b>2013</b> , 416-417, 48-56	4.4	32
159	Dietary soya allergen $\beta$ -conglycinin induces intestinal inflammatory reactions, serum-specific antibody response and growth reduction in a carnivorous fish species, turbot <i>Scophthalmus maximus</i> L.. <i>Aquaculture Research</i> , <b>2017</b> , 48, 4022-4037	1.9	32
158	Response of juvenile Japanese seabass ( <i>Lateolabrax japonicus</i> ) to different dietary fatty acid profiles: Growth performance, tissue lipid accumulation, liver histology and flesh texture. <i>Aquaculture</i> , <b>2016</b> , 461, 40-47	4.4	32
157	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 ( <i>Larimichthys crocea</i> ) fed high-lipid diets. <i>Aquaculture</i> , <b>2020</b> , 518, 734768	4.4	31
156	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, <i>Lateolabrax japonicus</i> (Cuvier). <i>Aquaculture Research</i> , <b>2016</b> , 47, 741-757	1.9	30
155	Dietary lipid concentration affects liver mitochondrial DNA copy number, gene expression and DNA methylation in large yellow croaker ( <i>Larimichthys crocea</i> ). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2016</b> , 193, 25-32	2.3	30
154	Effects of dietary amino acid patterns on growth and protein metabolism of large yellow croaker ( <i>Larimichthys crocea</i> ) larvae. <i>Aquaculture</i> , <b>2013</b> , 406-407, 1-8	4.4	29
153	Effects of the partial substitution of dietary fish meal by two types of soybean meals on the growth performance of juvenile Japanese seabass, <i>Lateolabrax japonicus</i> (Cuvier 1828). <i>Aquaculture Research</i> , <b>2012</b> , 43, 458-466	1.9	28
152	In vitro effects of arachidonic acid on immune functions of head kidney macrophages isolated from large yellow croaker ( <i>Larimichthys crocea</i> ). <i>Aquaculture</i> , <b>2012</b> , 330-333, 47-53	4.4	28
151	Effects of dietary menhaden oil, soybean oil and soybean lecithin oil at different ratios on growth, body composition and blood chemistry of juvenile <i>Litopenaeus vannamei</i> . <i>Aquaculture International</i> , <b>2011</b> , 19, 459-473	2.6	28
150	Effect of dietary fatty acid composition on growth, fatty acids composition and hepatic lipid metabolism in juvenile turbot ( <i>Scophthalmus maximus</i> L.) fed diets with required n3 LC-PUFAs. <i>Aquaculture</i> , <b>2017</b> , 479, 591-600	4.4	27
149	Replacement of Fish Oil with Linseed Oil or Soybean Oil in Feeds for Japanese Seabass, <i>Lateolabrax japonicus</i> : Effects on Growth Performance, Immune Response, and Tissue Fatty Acid Composition. <i>Journal of the World Aquaculture Society</i> , <b>2015</b> , 46, 349-362	2.5	27

148	Characterization, mRNA expression and regulation of $\beta$ fatty acyl desaturase (FADS2) by dietary $n-3$ long chain polyunsaturated fatty acid (LC-PUFA) levels in grouper larvae ( <i>Epinephelus coioides</i> ). <i>Aquaculture</i> , <b>2014</b> , 434, 212-219	4.4	27
147	Dietary arginine requirement of juvenile cobia ( <i>Rachycentron canadum</i> ). <i>Aquaculture Research</i> , <b>2014</b> , 45, 225-233	1.9	27
146	$\omega-3$ Polyunsaturated fatty acids (linoleic acid) activate both autophagy and antioxidation in a synergistic feedback loop via TOR-dependent and TOR-independent signaling pathways. <i>Cell Death and Disease</i> , <b>2020</b> , 11, 607	9.8	27
145	Characterization of Cyclooxygenase-2 and its induction pathways in response to high lipid diet-induced inflammation in <i>Larimichthys crocea</i> . <i>Scientific Reports</i> , <b>2016</b> , 6, 19921	4.9	27
144	Omega-3 polyunsaturated fatty acids alleviate hepatic steatosis-induced inflammation through Sirt1-mediated nuclear translocation of NF- $\kappa$ B p65 subunit in hepatocytes of large yellow croaker ( <i>Larimichthys crocea</i> ). <i>Fish and Shellfish Immunology</i> , <b>2017</b> , 71, 76-82	4.3	26
143	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 ( <i>Larimichthys crocea</i> ). <i>Fish and Shellfish Immunology</i> , <b>2019</b> , 94, 157-165	4.3	26
142	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 ( <i>Larimichthys crocea</i> ). <i>Aquaculture Research</i> , <b>2018</b> , 49, 1210-1218	1.9	26
141	Effects of dietary hydroxyproline on growth performance, body composition, hydroxyproline and collagen concentrations in tissues in relation to prolyl 4-hydroxylase ( $\beta$ ) gene expression of juvenile turbot, <i>Scophthalmus maximus</i> L. fed high plant protein diets. <i>Aquaculture</i> , <b>2013</b> , 404-405, 77-84	4.4	26
140	Regulation of hepatic lipid deposition by phospholipid in large yellow croaker. <i>British Journal of Nutrition</i> , <b>2017</b> , 118, 999-1009	3.6	26
139	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 ( <i>Cynoglossus semilaevis</i> ). <i>British Journal of Nutrition</i> , <b>2015</b> , 113, 1518-30	3.6	24
138	Effects of dietary ethoxyquin on growth performance and body composition of large yellow croaker <i>Pseudosciaena crocea</i> . <i>Aquaculture</i> , <b>2010</b> , 306, 80-84	4.4	24
137	Dietary chromium polynicotinate enhanced growth performance, feed utilization, and resistance to <i>Cryptocaryon irritans</i> in juvenile large yellow croaker ( <i>Larimichthys crocea</i> ). <i>Aquaculture</i> , <b>2014</b> , 432, 321-326	4.4	23
136	Dietary lysine requirement of large yellow croaker ( <i>Pseudosciaena crocea</i> , Richardson 1846) larvae. <i>Aquaculture Research</i> , <b>2012</b> , 43, 917-928	1.9	23
135	Effects of dietary protein levels on the growth, survival, amylase and trypsin activities in large yellow croaker, <i>Pseudosciaena Crocea</i> R., larvae. <i>Aquaculture Research</i> , <b>2012</b> , 43, 178-186	1.9	23
134	Dietary Olive and Perilla Oils Affect Liver Mitochondrial DNA Methylation in Large Yellow Croakers. <i>Journal of Nutrition</i> , <b>2015</b> , 145, 2479-85	4.1	22
133	Effects of dietary corn gluten meal on growth performance and protein metabolism in relation to IGF-I and TOR gene expression of juvenile cobia ( <i>Rachycentron canadum</i> ). <i>Journal of Ocean University of China</i> , <b>2013</b> , 12, 418-426	1	22
132	Effects of dietary chitosan oligosaccharide complex with rare earth on growth performance and innate immune response of turbot, <i>Scophthalmus maximus</i> L.. <i>Aquaculture Research</i> , <b>2013</b> , 44, 683-690	1.9	21
131	Evaluation of Schizochytrium meal in microdiets of Pacific white shrimp ( <i>Litopenaeus vannamei</i> ) larvae. <i>Aquaculture Research</i> , <b>2017</b> , 48, 2328-2336	1.9	20

130	Effects of dietary arginine and glutamine on growth performance, nonspecific immunity, and disease resistance in relation to arginine catabolism in juvenile turbot ( <i>Scophthalmus maximus</i> L.). <i>Aquaculture</i> , <b>2017</b> , 468, 246-254	4.4	20
129	Dietary selenium requirement for juvenile cobia, <i>Rachycentron canadum</i> L.. <i>Aquaculture Research</i> , <b>2010</b> , 41, no-no	1.9	20
128	Effects of dietary Astragalus polysaccharides (APS) on survival, growth performance, activities of digestive enzyme, antioxidant responses and intestinal development of large yellow croaker ( <i>Larimichthys crocea</i> ) larvae. <i>Aquaculture</i> , <b>2020</b> , 517, 734752	4.4	20
127	Citric acid mitigates soybean meal induced inflammatory response and tight junction disruption by altering TLR signal transduction in the intestine of turbot, <i>Scophthalmus maximus</i> L. <i>Fish and Shellfish Immunology</i> , <b>2019</b> , 92, 181-187	4.3	19
126	Effects of a yeast-based additive on growth and immune responses of white shrimp, <i>Litopenaeus vannamei</i> (Boone, 1931), and aquaculture environment. <i>Aquaculture Research</i> , <b>2013</b> , 44, 1348-1357	1.9	19
125	Feed intake, growth performance and cholesterol metabolism in juvenile turbot ( <i>Scophthalmus maximus</i> L.) fed defatted fish meal diets with graded levels of cholesterol. <i>Aquaculture</i> , <b>2014</b> , 428-429, 290-296	4.4	19
124	Dietary daidzein improved intestinal health of juvenile turbot in terms of intestinal mucosal barrier function and intestinal microbiota. <i>Fish and Shellfish Immunology</i> , <b>2019</b> , 94, 132-141	4.3	18
123	Effect of dietary taurine supplementation on growth performance, digestive enzyme activities and antioxidant status of juvenile black carp ( <i>Mylopharyngodon piceus</i> ) fed with low fish meal diet. <i>Aquaculture Research</i> , <b>2018</b> , 49, 3187-3195	1.9	18
122	Molecular cloning, tissue distribution and nutritional regulation of a $\beta$ -fatty acyl desaturase-like enzyme in large yellow croaker ( <i>Larimichthys crocea</i> ). <i>Aquaculture Research</i> , <b>2016</b> , 47, 445-459	1.9	17
121	Replacement of dietary fish oil with vegetable oils improves the growth and flesh quality of large yellow croaker ( <i>Larmichthys crocea</i> ). <i>Journal of Ocean University of China</i> , <b>2014</b> , 13, 445-452	1	17
120	Activation of the Farnesoid X Receptor (FXR) Suppresses Linoleic Acid-Induced Inflammation in the Large Yellow Croaker ( <i>Larimichthys crocea</i> ). <i>Journal of Nutrition</i> , <b>2020</b> , 150, 2469-2477	4.1	16
119	Dietary arginine supplementation mitigates the soybean meal induced enteropathy in juvenile turbot, <i>Scophthalmus maximus</i> L.. <i>Aquaculture Research</i> , <b>2018</b> , 49, 1535-1545	1.9	16
118	Evaluation of <i>Enteromorpha prolifera</i> as a feed component in large yellow croaker ( <i>Pseudosciaena crocea</i> , Richardson, 1846) diets. <i>Aquaculture Research</i> , <b>2011</b> , 42, 525-533	1.9	16
117	Dietary citric acid supplementation alleviates soybean meal-induced intestinal oxidative damage and micro-ecological imbalance in juvenile turbot, <i>Scophthalmus maximus</i> L. <i>Aquaculture Research</i> , <b>2018</b> , 49, 3804-3816	1.9	16
116	Effects of dietary stachyose on growth performance, digestive enzyme activities and intestinal morphology of juvenile turbot ( <i>Scophthalmus maximus</i> L.). <i>Journal of Ocean University of China</i> , <b>2015</b> , 14, 905-912	1	15
115	Effect of soybean meal replacement by cottonseed meal on growth, feed utilization and some blood physiological/biochemical indices of juvenile black carp, <i>Mylopharyngodon piceus</i> . <i>Aquaculture Research</i> , <b>2015</b> , 46, 2490-2500	1.9	15
114	Molecular Cloning, Characterization, and Nutritional Regulation of <i>Elovl6</i> in Large Yellow Croaker (). <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	14
113	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 ( <i>Larmichthys crocea</i> ). <i>British Journal of Nutrition</i> , <b>2016</b> , 115, 1531-8	3.6	14

112	Effects of Dietary Protein and Lipid Levels on Growth, Nutrient Utilization, and the Whole-body Composition of Turbot, <i>Scophthalmus maximus</i> , Linnaeus 1758, at Different Growth Stages. <i>Journal of the World Aquaculture Society</i> , <b>2014</b> , 45, 355-366	2.5	14
111	Proline with or without hydroxyproline influences collagen concentration and regulates prolyl 4-hydroxylase [I] gene expression in juvenile turbo ( <i>Scophthalmus maximus</i> L.). <i>Journal of Ocean University of China</i> , <b>2015</b> , 14, 541-548	1	14
110	Dietary leucine requirement for juvenile large yellow croaker <i>Pseudosciaena crocea</i> (Richardson, 1846). <i>Journal of Ocean University of China</i> , <b>2010</b> , 9, 371-375	1	14
109	Establishment and characterization of two head kidney macrophage cell lines from large yellow croaker ( <i>Larimichthys crocea</i> ). <i>Developmental and Comparative Immunology</i> , <b>2020</b> , 102, 103477	3.2	14
108	Adipose tissue contributes to hepatic pro-inflammatory response when dietary fish oil is replaced by vegetable oil in large yellow croaker ( <i>Larimichthys crocea</i> ): An ex vivo study. <i>Fish and Shellfish Immunology</i> , <b>2019</b> , 84, 955-961	4.3	14
107	Citric acid as a functional supplement in diets for juvenile turbot, <i>Scophthalmus maximus</i> L.: Effects on phosphorus discharge, growth performance, and intestinal health. <i>Aquaculture</i> , <b>2018</b> , 495, 643-653	4.4	13
106	Effects of dietary ethoxyquin on growth, feed utilization and residue in the muscle of juvenile Japanese seabass, <i>Lateolabrax japonicus</i> . <i>Aquaculture Research</i> , <b>2015</b> , 46, 2656-2664	1.9	13
105	Influence of dietary probiotic <i>Bacillus</i> TC22 and Prebiotic fructooligosaccharide on growth, immune responses and disease resistance against <i>Vibrio splendidus</i> infection in sea cucumber <i>Apostichopus japonicus</i> . <i>Journal of Ocean University of China</i> , <b>2011</b> , 10, 293-300	1	13
104	Lipid and fatty acid compositions of cod ( <i>Gadus morhua</i> ), haddock ( <i>Melanogrammus aeglefinus</i> ) and halibut ( <i>Hippoglossus hippoglossus</i> ). <i>Journal of Ocean University of China</i> , <b>2010</b> , 9, 381-388	1	13
103	Effects of dietary soybean protein levels on metabolic response of the southern catfish, <i>Silurus meridionalis</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2006</b> , 144, 41-7	2.6	13
102	Influence of a Dietary Vegetable Oil Blend on Serum Lipid Profiles in Large Yellow Croaker ( <i>Larimichthys crocea</i> ). <i>Journal of Agricultural and Food Chemistry</i> , <b>2018</b> , 66, 9097-9106	5.7	12
101	Rearing in intermediate salinity enhances immunity and disease-resistance of turbot ( <i>Scophthalmus maximus</i> L.). <i>Acta Oceanologica Sinica</i> , <b>2011</b> , 30, 122-128	1	12
100	TIR Domain-Containing Adaptor-Inducing Interferon- $\gamma$ (TRIF) Participates in Antiviral Immune Responses and Hepatic Lipogenesis of Large Yellow Croaker (). <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 2506	8.4	12
99	Molecular cloning and genetic ontogeny of some key lipolytic enzymes in large yellow croaker larvae ( <i>Larimichthys crocea</i> R.). <i>Aquaculture Research</i> , <b>2017</b> , 48, 1183-1193	1.9	11
98	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 ( <i>Larimichthys crocea</i> ). <i>Aquaculture Research</i> , <b>2017</b> , 48, 3925-3934	1.9	11
97	The effect of dietary cecropin AD on intestinal health, immune response and disease resistance of juvenile turbot ( <i>Scophthalmus maximus</i> L.). <i>Fish and Shellfish Immunology</i> , <b>2020</b> , 100, 117-125	4.3	11
96	Molecular cloning and characterization of farnesoid X receptor from large yellow croaker ( <i>Larimichthys crocea</i> ) and the effect of dietary CDCA on the expression of inflammatory genes in intestine and spleen. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2018</b> , 216, 10-17	2.3	11
95	Wnt/ $\beta$ -catenin signaling participates in the regulation of lipogenesis in the liver of juvenile turbot ( <i>Scophthalmus maximus</i> L.). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2016</b> , 191, 155-62	2.3	11



94	GSK-3b participates in the regulation of hepatic lipid deposition in large yellow croaker ( <i>Larimichthys crocea</i> ). <i>Fish Physiology and Biochemistry</i> , <b>2016</b> , 42, 379-88	2.7	11
93	Effects of dietary soy isoflavones on feed intake, growth performance and digestibility in juvenile Japanese flounder ( <i>Paralichthys olivaceus</i> ). <i>Journal of Ocean University of China</i> , <b>2012</b> , 11, 511-516	1	11
92	Use of a Compound Protein Source as a Replacement for Fish Meal in Diets of Large Yellow Croaker, <i>Pseudosciaena crocea</i> R.. <i>Journal of the World Aquaculture Society</i> , <b>2008</b> , 39, 83-90	2.5	11
91	Effect of dietary methionine on growth performance, lipid metabolism and antioxidant capacity of large yellow croaker ( <i>Larimichthys crocea</i> ) fed with high lipid diets. <i>Aquaculture</i> , <b>2021</b> , 536, 736388	4.4	11
90	Dietary protein requirement of juvenile turbot ( <i>Scophthalmus maximus</i> Linnaeus). <i>Journal of Ocean University of China</i> , <b>2015</b> , 14, 325-328	1	10
89	Dietary leucine requirement of juvenile Japanese seabass ( <i>Lateolabrax japonicus</i> ). <i>Journal of Ocean University of China</i> , <b>2015</b> , 14, 121-126	1	10
88	Suppressor of cytokine signaling 3 (SOCS3) is related to pro-inflammatory cytokine production and triglyceride deposition in turbot ( <i>Scophthalmus maximus</i> ). <i>Fish and Shellfish Immunology</i> , <b>2017</b> , 70, 381-390	4.3	10
87	Effects of dietary tea polyphenols on growth, immunity and lipid metabolism of juvenile black carp <i>Mylopharyngodon piceus</i> . <i>Aquaculture Research</i> , <b>2020</b> , 51, 569-576	1.9	10
86	Molecular Cloning, Functional Characterization and Nutritional Regulation of the Putative Elongase Elov15 in the Orange-Spotted Grouper ( <i>Epinephelus coioides</i> ). <i>PLoS ONE</i> , <b>2016</b> , 11, e0150544	3.7	10
85	Molecular cloning, functional characterization and nutritional regulation of two elov14b elongases from rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Aquaculture</i> , <b>2019</b> , 511, 734221	4.4	9
84	Dietary Allicin Improved the Survival and Growth of Large Yellow Croaker () Larvae via Promoting Intestinal Development, Alleviating Inflammation and Enhancing Appetite. <i>Frontiers in Physiology</i> , <b>2020</b> , 11, 587674	4.6	9
83	Dietary polystyrene nanoplastics exposure alters liver lipid metabolism and muscle nutritional quality in carnivorous marine fish large yellow croaker ( <i>Larimichthys crocea</i> ). <i>Journal of Hazardous Materials</i> , <b>2021</b> , 419, 126454	12.8	9
82	Regulation of adiponectin on lipid metabolism in large yellow croaker ( <i>Larimichthys crocea</i> ). <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2020</b> , 1865, 158711	5	8
81	Molecular cloning, tissue distribution and nutritional regulation of a fatty acyl elov15-like elongase in large yellow croaker, <i>Larimichthys crocea</i> . <i>Aquaculture Research</i> , <b>2016</b> , 47, 2393-2406	1.9	8
80	Effects of dietary supplementation of glycyrrhizic acid on growth performance, survival, innate immune response and parasite resistance in juvenile large yellow croaker, <i>Larimichthys crocea</i> (Richardson). <i>Aquaculture Research</i> , <b>2015</b> , 46, 86-94	1.9	8
79	Effects of brown fish meal replacement with fermented soybean meal on growth performance, feed efficiency and enzyme activities of Chinese soft-shelled turtle, <i>Pelodiscus sinensis</i> . <i>Journal of Ocean University of China</i> , <b>2012</b> , 11, 227-235	1	8
78	Effects of dietary $\beta$ -glucan and glycyrrhizin on non-specific immunity and disease resistance of white shrimp, <i>Litopenaeus vannamei</i> (Boone) challenged with <i>Vibrio alginolyticus</i> . <i>Aquaculture Research</i> , <b>2011</b> , 42, 1101-1109	1.9	8
77	Lipid deposition patterns among different sizes of three commercial fish species. <i>Aquaculture Research</i> , <b>2018</b> , 49, 1046-1052	1.9	8

76	Polyunsaturated Fatty Acids Influence LPS-Induced Inflammation of Fish Macrophages Through Differential Modulation of Pathogen Recognition and p38 MAPK/NF- $\kappa$ B Signaling. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 559332	8.4	8
75	Early Life Intervention Using Probiotic Improves Intestinal Development, Immune Response, and Gut Microbiota in Large Yellow Croaker ( <i>Larimichthys crocea</i> ) Larvae. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 640767	8.4	8
74	High Fat Activates O-GlcNAcylation and Affects AMPK/ACC Pathway to Regulate Lipid Metabolism. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	8
73	Tumor necrosis factor alpha is a potent regulator in fish adipose tissue. <i>Aquaculture</i> , <b>2015</b> , 436, 65-71	4.4	7
72	Effect of replacement of dietary fish oil with four vegetable oils on prostaglandin E synthetic pathway and expression of inflammatory genes in marine fish <i>Larimichthys crocea</i> . <i>Fish and Shellfish Immunology</i> , <b>2020</b> , 107, 529-536	4.3	7
71	Effect of dietary xylan on immune response, tight junction protein expression and bacterial community in the intestine of juvenile turbot ( <i>Scophthalmus maximus</i> L.). <i>Aquaculture</i> , <b>2019</b> , 512, 734364	4.4	7
70	Effects of soybean oligosaccharides on lipid metabolism of Japanese flounder ( <i>Paralichthys olivaceus</i> Temminck et Schlegel) fed animal or plant protein source-based diets. <i>Frontiers of Agriculture in China</i> , <b>2007</b> , 1, 315-323		7
69	Molecular cloning and the involvement of IRE1/XBP1s signaling pathway in palmitic acid induced - Inflammation in primary hepatocytes from large yellow croaker ( <i>Larimichthys crocea</i> ). <i>Fish and Shellfish Immunology</i> , <b>2020</b> , 98, 112-121	4.3	7
68	Effects of dietary silymarin (SM) supplementation on growth performance, digestive enzyme activities, antioxidant capacity and lipid metabolism gene expression in large yellow croaker ( <i>Larimichthys crocea</i> ) larvae. <i>Aquaculture Nutrition</i> , <b>2020</b> , 26, 2225-2234	3.2	7
67	Influence of dietary lipid on growth performance and some lipogenesis-related gene expression of tongue sole ( <i>Cynoglossus semilaevis</i> ) larvae. <i>Aquaculture Research</i> , <b>2017</b> , 48, 767-779	1.9	6
66	Effect of dietary chitosan oligosaccharide complex with Ce (IV) on growth, immunity and disease resistance against <i>Vibrio splendidus</i> of sea cucumber, <i>Apostichopus japonicas</i> . <i>Aquaculture Research</i> , <b>2017</b> , 48, 1158-1167	1.9	6
65	Effects of dietary grape seed oil and linseed oil on growth, muscle fatty acid composition and expression of putative $\Delta^6$ fatty acyl desaturase in abalone <i>Haliotis discus hannai</i> Ino. <i>Aquaculture</i> , <b>2013</b> , 406-407, 105-114	4.4	6
64	Tumour necrosis factor- $\alpha$ inhibits hepatic lipid deposition through GSK-3 $\beta$ /E-catenin signaling in juvenile turbot ( <i>Scophthalmus maximus</i> L.). <i>General and Comparative Endocrinology</i> , <b>2016</b> , 228, 1-8	3	6
63	Molecular cloning and characterization of unfolded protein response genes from large yellow croaker ( <i>Larimichthys crocea</i> ) and their expression in response to dietary fatty acids. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2017</b> , 203, 53-64	2.3	5
62	Effects of dietary squid viscera meal on growth and cadmium accumulation in tissues of large yellow croaker, <i>Pseudosciaena crocea</i> R.. <i>Frontiers of Agriculture in China</i> , <b>2009</b> , 3, 78-83		5
61	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. <i>British Journal of Nutrition</i> , <b>2021</b> , 126, 345-354	3.6	5
60	Effects of dietary terrestrial oils supplemented with L-carnitine on growth, antioxidant capacity, lipid metabolism and inflammation in large yellow croaker ( <i>Larimichthys crocea</i> ). <i>British Journal of Nutrition</i> , <b>2020</b> , 1-31	3.6	5
59	The protective role of daidzein in intestinal health of turbot ( <i>Scophthalmus maximus</i> L.) fed soybean meal-based diets. <i>Scientific Reports</i> , <b>2021</b> , 11, 3352	4.9	5

58	Effects of five compound attractants in high plant-based diets on feed intake and growth performance of juvenile turbot ( <i>Scophthalmus maximus</i> L.). <i>Aquaculture Research</i> , <b>2019</b> , 50, 2350-2358	1.9	4
57	Effect of dietary lipid on the growth, fatty acid composition and B Fads expression of abalone ( <i>Haliotis discus hannai</i> Ino) hepatopancreas. <i>Journal of Ocean University of China</i> , <b>2015</b> , 14, 317-324	1	4
56	Characterization of antiviral immune response induced by poly(I:C) in macrophages of farmed large yellow croaker ( <i>Larimichthys crocea</i> ). <i>Fish and Shellfish Immunology</i> , <b>2020</b> , 104, 663-672	4.3	4
55	Effect of dietary olaquinox on the growth of large yellow croaker ( <i>Pseudosciaena crocea</i> R.) and the distribution of its residues in fish tissues. <i>Journal of Ocean University of China</i> , <b>2014</b> , 13, 820-824	1	4
54	Effects of dietary tributyrin on growth performance, body composition, serum biochemical indexes and lipid metabolism-related genes expression of juvenile large yellow croaker ( <i>Larimichthys crocea</i> ) fed with high level soybean oil diets. <i>Aquaculture Nutrition</i> , <b>2021</b> , 27, 395-406	3.2	4
53	Molecular Characterization, Nutritional and Insulin Regulation of Elovl6 in Rainbow Trout (). <i>Biomolecules</i> , <b>2020</b> , 10,	5.9	4
52	Dietary threonine requirement of juvenile large yellow croaker, <i>Larimichthys crocea</i> . <i>Aquaculture Research</i> , <b>2016</b> , 47, 3616-3624	1.9	4
51	Endoplasmic reticulum stress induces hepatic steatosis by transcriptional upregulating lipid droplet protein perilipin2. <i>FASEB Journal</i> , <b>2021</b> , 35, e21900	0.9	4
50	In vitro assay for evaluating the effects of three anti-nutritional factors on the primary-cultured intestinal epithelial cells isolated from Japanese flounder, <i>Paralichthys olivaceus</i> . <i>Aquaculture Research</i> , <b>2015</b> , 46, 242-251	1.9	3
49	Fatty acid translocase (FAT/CD36) in large yellow croaker ( <i>Larimichthys crocea</i> ): Molecular cloning, characterization and the response to dietary fatty acids. <i>Aquaculture</i> , <b>2020</b> , 528, 735557	4.4	3
48	Effects of dietary carbohydrates sources on lipids compositions in abalone, <i>Haliotis discus hannai</i> Ino. <i>Journal of Ocean University of China</i> , <b>2009</b> , 8, 254-258	1	3
47	Effects of supplemental phytosterol on growth performance, body composition, serum biochemical indexes and lipid metabolism of juvenile large yellow croaker ( <i>Larimichthys crocea</i> ) fed with high lipid diet. <i>Aquaculture</i> , <b>2022</b> , 551, 737889	4.4	3
46	Regulation of Free Fatty Acid Receptor 4 on Inflammatory Gene Induced by LPS in Large Yellow Croaker (). <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 703914	8.4	3
45	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 (). <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 631850	4.6	3
44	Lipid overload impairs hepatic VLDL secretion via oxidative stress-mediated PKC $\beta$ /HNF4 $\beta$ /MTP pathway in large yellow croaker ( <i>Larimichthys crocea</i> ). <i>Free Radical Biology and Medicine</i> , <b>2021</b> , 172, 213-225	7.8	3
43	Effects of dietary levels of protein on growth, feed utilization and physiological parameters for juvenile Dabry's sturgeon, <i>Acipenser dabryanus</i> . <i>Aquaculture Research</i> , <b>2018</b> , 49, 2099-2107	1.9	2
42	TAT improves in vitro transportation of fortilin through midgut and into hemocytes of white shrimp <i>Litopenaeus vannamei</i> . <i>Journal of Ocean University of China</i> , <b>2012</b> , 11, 197-204	1	2
41	Effects of dietary guaiacol on shell biomineralization of juvenile abalone <i>Haliotis discus hannai</i> , Ino. <i>Aquaculture Research</i> , <b>2008</b> , 39, 954-961	1.9	2

40	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.. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	2
39	Optimal amounts of coconut oil in diets improve the growth, antioxidant capacity and lipid metabolism of large yellow croaker ( <i>Larimichthys crocea</i> ). <i>Marine Life Science and Technology</i> , <b>2020</b> , 2, 376-385	4.5	2
38	Adiponectin roles in lipid and glucose metabolism modulation in fish: Mechanisms and perspectives. <i>Reviews in Aquaculture</i> , <b>2021</b> , 13, 2305-2321	8.9	2
37	Activation of Autophagy Relieves Linoleic Acid-Induced Inflammation in Large Yellow Croaker (). <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 649385	8.4	2
36	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 ( <i>Larimichthys crocea</i> ). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2016</b> , 201, 21-8	2.3	2
35	Dietary daidzein improves the development of intestine subjected to soybean meal in juvenile turbot ( <i>Scophthalmus maximus</i> L.). <i>Aquaculture Nutrition</i> , <b>2021</b> , 27, 17-27	3.2	2
34	Endoplasmic Reticulum Stress Disturbs Lipid Homeostasis and Augments Inflammation in the Intestine and Isolated Intestinal Cells of Large Yellow Croaker (). <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 738143	8.4	2
33	Effects of dietary arginine levels on growth, immune function of physical barriers and serum parameters of spotted seabass ( <i>Lateolabrax maculatus</i> ) reared at different water temperatures. <i>Aquaculture</i> , <b>2021</b> , 541, 736812	4.4	2
32	Oleic and palmitic acids induce hepatic angiopoietin-like 4 expression predominantly via PPAR- $\alpha$ . <i>British Journal of Nutrition</i> , <b>2021</b> , 1-27	3.6	2
31	Arginine metabolism and its functions in growth, nutrient utilization, and immunonutrition of fish. <i>Animal Nutrition</i> , <b>2021</b> , 7, 716-727	4.8	2
30	Vitamin D protects turbot ( <i>Scophthalmus maximus</i> L.) from bacterial infection. <i>Fish and Shellfish Immunology</i> , <b>2021</b> , 118, 25-33	4.3	2
29	Effects of dietary organic trace mineral mixture levels on survival, growth performance, body composition and antioxidant capacity of juvenile turbot ( <i>Scophthalmus maximus</i> ). <i>Aquaculture Research</i> , <b>2020</b> , 51, 3421-3428	1.9	1
28	Ontogenic development of digestive enzyme activities in juvenile soft-shelled turtle ( <i>Pelodiscus sinensis</i> ) under cultured conditions. <i>Frontiers of Agriculture in China</i> , <b>2011</b> , 5, 624-630		1
27	Vitamin D impacts on the intestinal health, immune status, and metabolism in turbot (L.).. <i>British Journal of Nutrition</i> , <b>2022</b> , 1-36	3.6	1
26	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. <i>British Journal of Nutrition</i> , <b>2021</b> , 1-29	3.6	1
25	Functional analysis and regulation mechanism of interferon gamma in macrophages of large yellow croaker ( <i>Larimichthys crocea</i> ). <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 194, 153-162	7.9	1
24	Acetyl-CoA derived from hepatic mitochondrial fatty acid oxidation aggravates inflammation by enhancing p65 acetylation. <i>IScience</i> , <b>2021</b> , 24, 103244	6.1	1
23	The effects of different lipid sources on the growth, intestinal health, and lipid metabolism of the pacific white shrimp ( <i>Litopenaeus vannamei</i> ). <i>Aquaculture</i> , <b>2021</b> , 548, 737655	4.4	1

22	Characterization of Caspase8 and its role in the regulation of apoptosis-related genes in large yellow croaker ( <i>Larimichthys crocea</i> ). <i>Aquaculture</i> , <b>2021</b> , 539, 736595	4.4	1
21	Effects of DL-methionyl-DL-methionine supplementation on growth performance, immune and antioxidative responses of white leg shrimp ( <i>Litopenaeus vannamei</i> ) fed low fishmeal diet. <i>Aquaculture Reports</i> , <b>2021</b> , 21, 100785	2.3	1
20	Molecular identification of peptidoglycan recognition protein 5 and its functional characterization in innate immunity of large yellow croaker, <i>Larimichthys crocea</i> . <i>Developmental and Comparative Immunology</i> , <b>2021</b> , 124, 104130	3.2	1
19	Regulation of $\beta$ Fads2 Gene Involved in LC-PUFA Biosynthesis Subjected to Fatty Acid in Large Yellow Croaker ( <i>Larimichthys crocea</i> ) and Rainbow Trout ( <i>Oncorhynchus mykiss</i> ). <i>Biomolecules</i> , <b>2022</b> , 12, 659	5.9	1
18	Stachyose protects intestinal mucosal barrier via promotion of tight junction and <i>Lactobacillus casei</i> -driven inhibition of apoptosis in juvenile turbot, <i>Scophthalmus maximus</i> L.. <i>Aquaculture</i> , <b>2022</b> , 556, 738280	4.4	1
17	Evaluation of Six Selected Commercial Fermented Soybean Meal by Feeding Juvenile Turbot ( <i>Scophthalmus maximus</i> L.). <i>Aquaculture Nutrition</i> , <b>2022</b> , 2022, 1-13	3.2	1
16	Effects of fishmeal substitution by four fermented soybean meals on growth, antioxidant capacity and immune responses of turbot juveniles ( <i>Scophthalmus maximus</i> L.). <i>Aquaculture</i> , <b>2022</b> , 738414	4.4	1
15	Environmental adaptation in fish induced changes in the regulatory region of fatty acid elongase gene, <i>elovl5</i> , involved in long-chain polyunsaturated fatty acid biosynthesis.. <i>International Journal of Biological Macromolecules</i> , <b>2022</b> , 204, 144-153	7.9	0
14	Long-chain fatty acids regulate SIRT3 expression by affecting intracellular NAD <sup>+</sup> levels in large yellow croaker ( <i>Larimichthys crocea</i> ). <i>Aquaculture</i> , <b>2022</b> , 553, 738015	4.4	0
13	Effects of dietary inorganic salts supplementation on growth performance, bone mineral deposition, intestinal morphology and immune response of turbot juveniles ( <i>Scophthalmus maximus</i> L.) in fermented soybean meal-based diets. <i>Aquaculture Nutrition</i> , <b>2021</b> , 27, 2541	3.2	0
12	Effects of dietary arginine on growth, activity of digestive enzymes, GCN2-ATF4 signalling pathway and nutritional metabolism-related gene expression of large yellow croaker ( <i>Larimichthys crocea</i> ) larvae. <i>Aquaculture Nutrition</i> , <b>2021</b> , 27, 2333	3.2	0
11	LPS Stimulation Induces Small Heterodimer Partner Expression Through the AMPK-NRF2 Pathway in Large Yellow Croaker (). <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 753681	8.4	0
10	In vitro study of sodium butyrate on soyasaponin challenged intestinal epithelial cells of turbot ( <i>Scophthalmus maximus</i> L.) refer to inflammation, apoptosis and antioxidant enzymes. <i>Fish and Shellfish Immunology Reports</i> , <b>2021</b> , 2, 100031	2	0
9	Comparison of oxylipin profiles as well as their substrates and synthetic enzymes transcriptional expression between marine fish <i>Larimichthys crocea</i> and freshwater fish <i>Oncorhynchus mykiss</i> . <i>Aquaculture</i> , <b>2021</b> , 539, 736641	4.4	0
8	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 ( <i>Scophthalmus maximus</i> L.). <i>Aquaculture Nutrition</i> , <b>2021</b> , 27, 1578-1589	3.2	0
7	Vitamin D regulates insulin pathway and glucose metabolism in zebrafish ( <i>Danio rerio</i> ).. <i>FASEB Journal</i> , <b>2022</b> , 36, e22330	0.9	0
6	Dietary L-carnitine regulates liver lipid metabolism simultaneously activating fatty acid $\beta$ oxidation and suppressing endoplasmic reticulum stress in large yellow croaker fed with high-fat diets.. <i>British Journal of Nutrition</i> , <b>2022</b> , 1-34	3.6	0
5	Conventional Soybean Meal as Fishmeal Alternative in Diets of Japanese Seabass ( <i>Lateolabrax japonicus</i> ): Effects of Functional Additives on Growth, Immunity, Antioxidant Capacity and Disease Resistance. <i>Antioxidants</i> , <b>2022</b> , 11, 951	7.1	0

4	Suppression of cideb under endoplasmic reticulum stress exacerbated hepatic inflammation by inducing hepatic steatosis and oxidative stress.. <i>Free Radical Biology and Medicine</i> , <b>2022</b> , 185, 67-75	7.8	o
3	Online fat detection and evaluation in modelling digital physiological fish. <i>Aquaculture Research</i> , <b>2020</b> , 51, 3175-3190	1.9	
2	Liposome-mediated messenger RNA: An alternative for fish cell transfection in culture. <i>Aquaculture Research</i> , <b>2020</b> , 51, 2745-2757	1.9	
1	Effects of DGAT1 inhibition on hepatic lipid deposition, antioxidant capacity and inflammatory response in <i>Larimichthys crocea</i> . <i>Aquaculture</i> , <b>2021</b> , 543, 736967	4.4	