

# Qinghui Ai

## List of Publications by Year in descending order

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234  
papers

8,723  
citations

36203

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66788

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235  
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235  
docs citations

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times ranked

4036  
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#	ARTICLE	IF	CITATIONS
1	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> , 2011, 317, 155-161.	1.7	251
2	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> , 2007, 22, 394-402.	1.6	239
3	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> , 2006, 258, 503-513.	1.7	222
4	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> , 2012, 32, 249-258.	1.6	217
5	Effects of dietary vitamin C on survival, growth, and immunity of large yellow croaker, <i>Pseudosciaena crocea</i> . <i>Aquaculture</i> , 2006, 261, 327-336.	1.7	166
6	Effects of dietary protein to energy ratios on growth and body composition of juvenile Japanese seabass, <i>Lateolabrax japonicus</i> . <i>Aquaculture</i> , 2004, 230, 507-516.	1.7	152
7	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> , 2014, 433, 442-449.	1.7	151
8	Dietary methionine requirement of large yellow croaker, <i>Pseudosciaena crocea</i> R. <i>Aquaculture</i> , 2006, 253, 564-572.	1.7	141
9	Dietary lysine requirement of juvenile Japanese seabass, <i>Lateolabrax japonicus</i> . <i>Aquaculture</i> , 2006, 258, 535-542.	1.7	139
10	Effects of dietary vitamin C on growth and immune response of Japanese seabass, <i>Lateolabrax japonicus</i> . <i>Aquaculture</i> , 2004, 242, 489-500.	1.7	137
11	Effects of dietary canola meal on growth performance, digestion and metabolism of Japanese seabass, <i>Lateolabrax japonicus</i> . <i>Aquaculture</i> , 2010, 305, 102-108.	1.7	134
12	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> , 2013, 392-395, 51-58.	1.7	124
13	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> , 2019, 88, 65-75.	1.6	122
14	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> , 2010, 307, 75-82.	1.7	121
15	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> , 2011, 42, 943-952.	0.9	116
16	Dietary Lipid Levels Influence Lipid Deposition in the Liver of Large Yellow Croaker ( <i>Larimichthys</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1 Catabolism at the Transcriptional Level. <i>PLoS ONE</i> , 2015, 10, e0129937.	1.1	112
17	Are fish what they eat? A fatty acid <sup>™</sup> s perspective. <i>Progress in Lipid Research</i> , 2020, 80, 101064.	5.3	111
18	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> , 2011, 42, 1467-1475.	0.9	103

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19	Replacement of fish meal by meat and bone meal in diets for large yellow croaker, <i>Pseudosciaena crocea</i> . <i>Aquaculture</i> , 2006, 260, 255-263.	1.7	102
20	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> , 2007, 147, 502-508.	0.8	100
21	Dietary phosphorus requirement of large yellow croaker, <i>Pseudosciaena crocea</i> R. <i>Aquaculture</i> , 2006, 251, 346-353.	1.7	97
22	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> , 2011, 318, 95-100.	1.7	97
23	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> , 2012, 334-337, 101-109.	1.7	96
24	Dietary phosphorus requirement of juvenile Japanese seabass, <i>Lateolabrax japonicus</i> . <i>Aquaculture</i> , 2006, 255, 201-209.	1.7	95
25	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> , 2012, 324-325, 85-91.	1.7	91
26	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> , 2012, 358-359, 122-128.	1.7	86
27	Functional characterization and differential nutritional regulation of putative Elovl5 and Elovl4 elongases in large yellow croaker ( <i>Larimichthys crocea</i> ). <i>Scientific Reports</i> , 2017, 7, 2303.	1.6	83
28	Regulation of FADS2 transcription by SREBP-1 and PPAR- $\alpha$ influences LC-PUFA biosynthesis in fish. <i>Scientific Reports</i> , 2017, 7, 40024.	1.6	82
29	The optimal feeding frequency of large yellow croaker ( <i>Pseudosciaena crocea</i> , Richardson) larvae. <i>Aquaculture</i> , 2011, 311, 162-167.	1.7	79
30	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> , 2013, 110, 1220-1232.	1.2	79
31	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</i> ). <i>Tj ETQq1 1 0.784314 rrgBT /Overlock 1</i>		
32	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> , 2012, 368-369, 109-116.	1.7	77
33	Regulation of Tissue LC-PUFA Contents, $\delta^6$ 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> , 2014, 9, e87726.	1.1	77
34	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> ). <i>Tj ETQq0 0 0 rrgBT /Overlock 10 Tf</i>		
35	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> , 2016, 59, 398-405.	1.6	69
36	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> , 2017, 479, 125-133.	1.7	68

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37	Dietary stachyose altered the intestinal microbiota profile and improved the intestinal mucosal barrier function of juvenile turbot, <i>Scophthalmus maximus</i> L.. Aquaculture, 2018, 486, 98-106.	1.7	66
38	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> ) Tj ETQq0 00rgBT /Overlock 10	0.9	66
39	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> ). Fish and Shellfish Immunology, 2013, 35, 933-940.	1.6	63
40	Dietary polystyrene nanoplastics exposure alters liver lipid metabolism and muscle nutritional quality in carnivorous marine fish large yellow croaker ( <i>Larimichthys crocea</i> ). Journal of Hazardous Materials, 2021, 419, 126454.	6.5	63
41	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. Aquaculture, 2011, 315, 269-274.	1.7	62
42	Effects of dietary phospholipids on survival, growth, digestive enzymes and stress resistance of large yellow croaker, <i>Larimichthys crocea</i> larvae. Aquaculture, 2013, 410-411, 122-128.	1.7	62
43	Dietary methionine level influences growth and lipid metabolism via GCN2 pathway in cobia ( <i>Rachycentron canadum</i> ). Aquaculture, 2016, 454, 148-156.	1.7	62
44	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. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2015, 180, 48-56.	0.7	61
45	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</i> ) Tj ETQq1 1 0.7843.14 rgBT /Overlock	1.1	61
46	Dietary choline requirement for juvenile cobia, <i>Rachycentron canadum</i> . Aquaculture, 2009, 289, 124-128.	1.7	58
47	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. Aquaculture, 2015, 440, 40-47.	1.7	57
48	Effects of dietary phospholipid on lipase activity, antioxidant capacity and lipid metabolism-related gene expression in large yellow croaker larvae ( <i>Larimichthys crocea</i> ). Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2016, 201, 46-52.	0.7	57
49	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. Aquaculture, 2017, 479, 584-590.	1.7	56
50	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). Aquaculture Research, 2014, 45, 1051-1060.	0.9	54
51	Dietary ALA, But not LNA, Increase Growth, Reduce Inflammatory Processes, and Increase Antioxidant Capacity in the Marine Finfish <i>Larimichthys crocea</i> . Lipids, 2015, 50, 149-163.	0.7	53
52	Dietary lysine requirement of large yellow croaker, <i>Pseudosciaena crocea</i> R.. Aquaculture, 2008, 283, 123-127.	1.7	52
53	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> . Journal of the World Aquaculture Society, 2009, 40, 58-66.	1.2	52
54	Dietary vegetable oil suppressed non-specific immunity and liver antioxidant capacity but induced inflammatory response in Japanese sea bass ( <i>Lateolabrax japonicus</i> ). Fish and Shellfish Immunology, 2017, 63, 139-146.	1.6	52

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55	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> , 2017, 469, 59-66.	1.7	51
56	Alternative protein sources in diets for Japanese flounder <i>Paralichthys olivaceus</i> (Temminck and Tsjenk) fed diets with 10% or 20% soybean meal. <i>Aquaculture</i> , 2010, 41, 861-870.	0.9	50
57	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> , 2017, 48, 4022-4037.	0.9	50
58	$\omega$ -6 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> , 2020, 11, 607.	2.7	49
59	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> , 2005, 36, 498-507.	1.2	48
60	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> , 2017, 479, 591-600.	1.7	48
61	Regulation of hepatic lipid deposition by phospholipid in large yellow croaker. <i>British Journal of Nutrition</i> , 2017, 118, 999-1009.	1.2	47
62	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> , 2018, 49, 1210-1218.	0.9	47
63	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>Aquaculture Research</i> , 2017, 48, 4022-4037.	0.9	47
64	Effects of dietary <i>Astragalus polysaccharides</i> (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> , 2020, 517, 734752.	1.7	47
65	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> , 2016, 461, 40-47.	1.7	46
66	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> , 2016, 47, 2481-2495.	0.9	46
67	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> , 2006, 37, 681-692.	0.9	44
68	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> , 2006, 37, 1063-1069.	0.9	43
69	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> , 2019, 92, 181-187.	1.6	43
70	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> , 2016, 47, 741-757.	0.9	41
71	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> , 2013, 404-405, 77-84.	1.7	40
72	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> , 2016, 193, 25-32.	0.7	40

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73	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> , 2012, 43, 458-466.	0.9	38
74	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>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	1.7	38
75	High Fat Activates O-GlcNAcylation and Affects AMPK/ACC Pathway to Regulate Lipid Metabolism. <i>Nutrients</i> , 2021, 13, 1740.	1.7	37
76	Characterization of two $\Delta^5$ fatty acyl desaturases in abalone ( <i>Haliotis discus hannai</i> Ino). <i>Aquaculture</i> , 2013, 416-417, 48-56.	0.9	37
77	Molecular cloning and functional characterization of a putative <i>Elovl4</i> gene and its expression in response to dietary fatty acid profiles in orange-spotted grouper <i>Epinephelus coioides</i> . <i>Aquaculture Research</i> , 2017, 48, 537-552.	0.9	37
78	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> , 2018, 49, 3187-3195.	0.9	36
79	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> , 2018, 49, 3804-3816.	2.2	36
80	Early Life Intervention Using Probiotic <i>Clostridium butyricum</i> Improves Intestinal Development, Immune Response, and Gut Microbiota in Large Yellow Croaker ( <i>Larimichthys crocea</i> ) Larvae. <i>Frontiers in Immunology</i> , 2021, 12, 640767.	1.1	35
81	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> , 2011, 19, 459-473.	1.7	35
82	Effects of dietary amino acid patterns on growth and protein metabolism of large yellow croaker ( <i>Larimichthys crocea</i> ) larvae. <i>Aquaculture</i> , 2013, 406-407, 1-8.	1.2	35
83	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> , 2015, 46, 349-362.	1.6	35
84	Dietary daidzein improved intestinal health of juvenile turbot in terms of intestinal mucosal barrier function and intestinal microbiota. <i>Fish and Shellfish Immunology</i> , 2019, 94, 132-141.	1.7	34
85	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> , 2012, 330-333, 47-53.	1.7	33
86	Characterization, mRNA expression and regulation of $\Delta^6$ fatty acyl desaturase (FADS2) by dietary n $\omega$ -3 long chain polyunsaturated fatty acid (LC-PUFA) levels in grouper larvae ( <i>Epinephelus coioides</i> ). <i>Aquaculture</i> , 2014, 434, 212-219.	0.9	33
87	Dietary arginine requirement of juvenile cobia ( <i>Rachycentron canadum</i> ). <i>Aquaculture Research</i> , 2014, 45, 225-233.	1.6	33
88	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</i> ). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	0.9	32
89	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> , 2016, 6, 19921.	0.9	32
90	Evaluation of <i>Schizochytrium</i> meal in microdiets of Pacific white shrimp ( <i>Litopenaeus</i> ). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	0.9	32

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91	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> , 2017, 468, 246-254.	1.7	32
92	Establishment and characterization of two head kidney macrophage cell lines from large yellow croaker ( <i>Larimichthys crocea</i> ). <i>Developmental and Comparative Immunology</i> , 2020, 102, 103477.	1.0	32
93	Dietary Olive and Perilla Oils Affect Liver Mitochondrial DNA Methylation in Large Yellow Croakers. <i>Journal of Nutrition</i> , 2015, 145, 2479-2485.	1.3	31
94	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> , 2021, 536, 736388.	1.7	31
95	Arginine metabolism and its functions in growth, nutrient utilization, and immunonutrition of fish. <i>Animal Nutrition</i> , 2021, 7, 716-727.	2.1	31
96	Dietary selenium requirement for juvenile cobia, <i>Rachycentron canadum</i> L.. <i>Aquaculture Research</i> , 2010, 41, no-no.	0.9	30
97	Dietary chromium polynicotinate enhanced growth performance, feed utilization, and resistance to <i>Cryptocaryon irritans</i> in juvenile large yellow croaker ( <i>Larmichthys crocea</i> ). <i>Aquaculture</i> , 2014, 432, 321-326.	1.7	30
98	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> , 2020, 150, 2469-2477.	1.3	30
99	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> , 2020, 100, 117-125.	1.6	30
100	Feed intake, growth performance and cholesterol metabolism in juvenile turbot ( <i>Scophthalmus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3 290-296.	1.7	29
101	Dietary arginine supplementation mitigates the soybean meal induced enteropathy in juvenile turbot, <i>Scophthalmus maximus</i> L.. <i>Aquaculture Research</i> , 2018, 49, 1535-1545.	0.9	29
102	Dietary lysine requirement of large yellow croaker ( <i>Pseudosciaena crocea</i> , Richardson 1846) larvae. <i>Aquaculture Research</i> , 2012, 43, 917-928.	0.9	28
103	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> , 2021, 126, 345-354.	1.2	28
104	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> , 2013, 44, 1348-1357.	0.9	27
105	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> , 2013, 12, 418-426.	0.6	27
106	Molecular cloning and characterization of farnesoid X receptor from large yellow croaker () Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 152 Td intestine and spleen. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2018, 216, 10-17.	0.7	26
107	Effects of dietary ethoxyquin on growth performance and body composition of large yellow croaker <i>Pseudosciaena crocea</i> . <i>Aquaculture</i> , 2010, 306, 80-84.	1.7	25
108	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> , 2012, 43, 178-186.	0.9	25

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109	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> , 2018, 495, 643-653.	1.7	25
110	Acetyl-CoA derived from hepatic mitochondrial fatty acid $\beta$ -oxidation aggravates inflammation by enhancing p65 acetylation. <i>IScience</i> , 2021, 24, 103244.	1.9	25
111	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> , 2013, 44, 683-690.	0.9	24
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113	Effects of dietary tea polyphenols on growth, immunity and lipid metabolism of juvenile black carp <i>Mylopharyngodon piceus</i> . <i>Aquaculture Research</i> , 2020, 51, 569-576.	0.9	24
114	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</i> ) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	0.9	24
115	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>Larimichthys crocea</i> ). <i>British Journal of Nutrition</i> , 2016, 115, 1531-1538.	1.2	23
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117	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> , 2021, 541, 736812.	1.7	23
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119	Proline with or without hydroxyproline influences collagen concentration and regulates prolyl 4-hydroxylase $\beta$ (I) gene expression in juvenile turbot ( <i>Scophthalmus maximus</i> L.). <i>Journal of Ocean University of China</i> , 2015, 14, 541-548.	0.6	21
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124	Evaluation of <i>Enteromorpha prolifera</i> as a feed component in large yellow croaker ( <i>Pseudosciaena</i> ) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	0.9	20
125	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</i> ) Tj ETQq1 1 0.784314 rgBT/Overlock 10 Tf 50	0.784314	20
126	TIR Domain-Containing Adaptor-Inducing Interferon- $\beta$ (TRIF) Participates in Antiviral Immune Responses and Hepatic Lipogenesis of Large Yellow Croaker ( <i>Larimichthys Crocea</i> ). <i>Frontiers in Immunology</i> , 2019, 10, 2506.	2.2	20



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128	Effect of replacement of dietary fish oil with four vegetable oils on prostaglandin E2 synthetic pathway and expression of inflammatory genes in marine fish <i>Larimichthys crocea</i> . <i>Fish and Shellfish Immunology</i> , 2020, 107, 529-536.	1.6	19
129	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</i> ) Tj ETQq1 1 0.784314 rgBTj/Overlock	0.6	18
130	Dietary leucine requirement for juvenile large yellow croaker <i>Pseudosciaena crocea</i> (Richardson,) Tj ETQq0 0 0 rgBTj/Overlock 10 Tf 50 6	0.6	18
131	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> , 2014, 45, 355-366.	1.2	18
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136	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> , 2011, 10, 293-300.	0.6	16
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138	Vitamin D3 protects turbot ( <i>Scophthalmus maximus</i> L.) from bacterial infection. <i>Fish and Shellfish Immunology</i> , 2021, 118, 25-33.	1.6	16
139	FXR, a Key Regulator of Lipid Metabolism, Is Inhibited by ER Stress-Mediated Activation of JNK and p38 MAPK in Large Yellow Croakers ( <i>Larimichthys crocea</i> ) Fed High Fat Diets. <i>Nutrients</i> , 2021, 13, 4343.	1.7	16
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141	Molecular cloning and the involvement of IRE1 $\alpha$ -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> , 2020, 98, 112-121.	1.6	15
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143	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> , 2020, 1865, 158711.	1.2	15
144	Lipid deposition patterns among different sizes of three commercial fish species. <i>Aquaculture Research</i> , 2018, 49, 1046-1052.	0.9	15

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150	Conventional Soybean Meal as Fishmeal Alternative in Diets of Japanese Seabass ( <i>Lateolabrax japonicus</i> ). <i>Antioxidants</i> , 2022, 11, 951.	2.2	14
151	Effects of dietary lysolecithin on growth performance, serum biochemical indexes, antioxidant capacity, lipid metabolism and inflammation-related genes expression of juvenile large yellow croaker ( <i>Larimichthys crocea</i> ). <i>Fish and Shellfish Immunology</i> , 2022, 128, 50-59.	1.6	14
152	Rearing in intermediate salinity enhances immunity and disease-resistance of turbot ( <i>Scophthalmus maximus</i> ). <i>Aquaculture</i> , 2022, 560, 738414.	0.4	13
153	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>Larimichthys crocea</i> ). <i>Aquaculture Reports</i> , 2021, 21, 100785.	0.7	13
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155	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> , 2021, 21, 100785.	0.7	13
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158	Dietary leucine requirement of juvenile Japanese seabass ( <i>Lateolabrax japonicus</i> ). <i>Journal of Ocean University of China</i> , 2015, 14, 121-126.	0.6	12
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160	Molecular cloning, functional characterization and nutritional regulation of two elongases from rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Aquaculture</i> , 2019, 511, 734221.	1.7	12
161	Docosahexaenoic Acid Alleviates Palmitic Acid-Induced Inflammation of Macrophages via TLR2-MAPK-PPAR $\gamma$ /Nrf2 Pathway in Large Yellow Croaker ( <i>Larimichthys crocea</i> ). <i>Antioxidants</i> , 2022, 11, 682.	2.2	12
162	Effects of fishmeal substitution by four fermented soybean meals on growth, antioxidant capacity and inflammation responses of turbot juveniles ( <i>Scophthalmus maximus</i> L.). <i>Aquaculture</i> , 2022, 560, 738414.	1.7	12

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165	Dietary protein requirement of juvenile turbot ( <i>Scophthalmus maximus</i> Linnaeus). <i>Journal of Ocean University of China</i> , 2015, 14, 325-328.	0.6	11
166	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 japonicus</i> . <i>Aquaculture Research</i> , 2017, 48, 1158-1167.	0.9	11
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173	Tumor necrosis factor alpha is a potent regulator in fish adipose tissue. <i>Aquaculture</i> , 2015, 436, 65-71.	1.7	10
174	Tumour necrosis factor- $\alpha$ inhibits hepatic lipid deposition through GSK-3 $\beta$ / $\beta$ -catenin signaling in juvenile turbot ( <i>Scophthalmus maximus</i> L.). <i>General and Comparative Endocrinology</i> , 2016, 228, 1-8.	0.8	10
175	Molecular cloning, tissue distribution and nutritional regulation of a fatty acyl <i>elovl5</i> -like elongase in large yellow croaker, <i>Larimichthys crocea</i> . <i>Aquaculture Research</i> , 2016, 47, 2393-2406.	0.9	10
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178	Effects of dietary grape seed oil and linseed oil on growth, muscle fatty acid composition and expression of putative $\Delta^5$ fatty acyl desaturase in abalone <i>Haliotis discus hannai</i> Ino. <i>Aquaculture</i> , 2013, 406-407, 105-114.	1.7	9
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185	Effects of soybean oligosaccharides on lipid metabolism of Japanese flounder ( <i>Paralichthys olivaceus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	0.2	8
186	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> , 2009, 3, 78-83.	0.2	8
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188	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> ) Tj ETQq0 0 0.1rgBT /Overlock 10 T	0.1	8
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207	Evaluation of Six Selected Commercial Fermented Soybean Meal by Feeding Juvenile Turbot ( <i>Scophthalmus maximus</i> L.). <i>Aquaculture Nutrition</i> , 2022, 2022, 1-13.	1.1	6
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210	Docosaehaenoic Acid Ameliorates the Toll-Like Receptor 22-Triggered Inflammation in Fish by Disrupting Lipid Raft Formation. <i>Journal of Nutrition</i> , 2022, 152, 1991-2002.	1.3	5
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218	Dietary daidzein improves the development of intestine subjected to soybean meal in juvenile turbot ( <i>Scophthalmus maximus</i> ) Tj ETQq0 0 0.1gBT /Overlock 10 T	1.1	3
219	Comparation 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> . Aquaculture, 2021, 539, 736641.	1.7	3
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