

Kangsen Mai

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195
papers

2,397
citations

26
h-index

36
g-index

202
ext. papers

3,528
ext. citations

3.7
avg, IF

5.48
L-index

#	Paper	IF	Citations
195	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> , 2015 , 10, e0129937	3.7	70
194	Regulation of tissue LC-PUFA contents, β 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	3.7	59
193	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	4.3	58
192	Effects of replacing soybean meal with rubber seed meal on growth, antioxidant capacity, non-specific immune response, and resistance to <i>Aeromonas hydrophila</i> in tilapia (<i>Oreochromis niloticus</i> Linnaeus). <i>Fish and Shellfish Immunology</i> , 2015 , 44, 436-44	4.3	57
191	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	4.9	53
190	Regulation of FADS2 transcription by SREBP-1 and PPAR- α influences LC-PUFA biosynthesis in fish. <i>Scientific Reports</i> , 2017 , 7, 40024	4.9	50
189	High level of dietary soybean oil depresses the growth and anti-oxidative capacity and induces inflammatory response in large yellow croaker <i>Larimichthys crocea</i> . <i>Fish and Shellfish Immunology</i> , 2018 , 77, 465-473	4.3	50
188	Dietary hydroxyproline improves the growth and muscle quality of large yellow croaker <i>Larimichthys crocea</i> . <i>Aquaculture</i> , 2016 , 464, 497-504	4.4	46
187	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> , 2017 , 48, 2186-2197	1.9	45
186	Vegetable oil induced inflammatory response by altering TLR-NF- κ 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	4.3	42
185	Effects of nucleotides on growth performance, immune response, disease resistance and intestinal morphology in shrimp <i>Litopenaeus vannamei</i> fed with a low fish meal diet. <i>Aquaculture International</i> , 2016 , 24, 1007-1023	2.6	39
184	Chronic stress of high dietary carbohydrate level causes inflammation and influences glucose transport through SOCS3 in Japanese flounder <i>Paralichthys olivaceus</i> . <i>Scientific Reports</i> , 2018 , 8, 7415	4.9	38
183	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> , 2017 , 63, 139-146	4.3	37
182	Cloning and characterization of SREBP-1 and PPAR- α 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> , 2015 , 180, 48-56	2.3	35
181	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> , 2016 , 201, 46-52	2.3	35
180	High percentage of dietary palm oil suppressed growth and antioxidant capacity and induced the inflammation by activation of TLR-NF- κ B signaling pathway in large yellow croaker (<i>Larimichthys crocea</i>). <i>Fish and Shellfish Immunology</i> , 2019 , 87, 600-608	4.3	34
179	Dietary sulfur amino acid modulations of taurine biosynthesis in juvenile turbot (<i>Psetta maxima</i>). <i>Aquaculture</i> , 2014 , 422-423, 141-145	4.4	34

178	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> , 2017 , 48, 537-552	1.9	33
177	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	1.9	33
176	Dietary soya allergen β -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	1.9	32
175	Synergistic effects of dietary carbohydrate and taurine on growth performance, digestive enzyme activities and glucose metabolism in juvenile turbot <i>Scophthalmus maximus</i> L.. <i>Aquaculture</i> , 2019 , 499, 32-41	4.4	32
174	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	1.9	30
173	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	2.3	30
172	Resveratrol attenuates oxidative stress and inflammatory response in turbot fed with soybean meal based diet. <i>Fish and Shellfish Immunology</i> , 2019 , 91, 130-135	4.3	28
171	β 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	9.8	27
170	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	4.9	27
169	Omega-3 polyunsaturated fatty acids alleviate hepatic steatosis-induced inflammation through Sirt1-mediated nuclear translocation of NF- κ B p65 subunit in hepatocytes of large yellow croaker (<i>Larimichthys crocea</i>). <i>Fish and Shellfish Immunology</i> , 2017 , 71, 76-82	4.3	26
168	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> , 2019 , 94, 157-165	4.3	26
167	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	1.9	26
166	Regulation of hepatic lipid deposition by phospholipid in large yellow croaker. <i>British Journal of Nutrition</i> , 2017 , 118, 999-1009	3.6	26
165	Dietary gossypol suppressed postprandial TOR signaling and elevated ER stress pathways in turbot (<i>Scophthalmus maximus</i> L.). <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2017 , 312, E37-E47	6	25
164	Effects of dietary nucleotides on growth, non-specific immune response and disease resistance of sea cucumber <i>Apostichopus japonicus</i> . <i>Fish and Shellfish Immunology</i> , 2015 , 47, 1-6	4.3	25
163	Nutrient sensing and metabolic changes after methionine deprivation in primary muscle cells of turbot (<i>Scophthalmus maximus</i> L.). <i>Journal of Nutritional Biochemistry</i> , 2017 , 50, 74-82	6.3	25
162	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> , 2015 , 113, 1518-30	3.6	24
161	Effects of dietary raw or <i>Enterococcus faecium</i> fermented soybean meal on growth, antioxidant status, intestinal microbiota, morphology, and inflammatory responses in turbot (<i>Scophthalmus maximus</i> L.). <i>Fish and Shellfish Immunology</i> , 2020 , 100, 261-271	4.3	24

160	Comparative Study on the Cellular and Systemic Nutrient Sensing and Intermediary Metabolism after Partial Replacement of Fishmeal by Meat and Bone Meal in the Diet of Turbot (<i>Scophthalmus maximus</i> L.). <i>PLoS ONE</i> , 2016 , 11, e0165708	3.7	23
159	Dietary Olive and Perilla Oils Affect Liver Mitochondrial DNA Methylation in Large Yellow Croakers. <i>Journal of Nutrition</i> , 2015 , 145, 2479-85	4.1	22
158	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	1	22
157	Evaluation of Schizochytrium meal in microdiets of Pacific white shrimp (<i>Litopenaeus vannamei</i>) larvae. <i>Aquaculture Research</i> , 2017 , 48, 2328-2336	1.9	20
156	Effects of dietary Lecithin and glycinin on digestive enzymes activities, intestinal histology and immune responses of juvenile turbot <i>Scophthalmus maximus</i> . <i>Aquaculture Research</i> , 2016 , 47, 1001-1008	1.9	20
155	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	4.3	19
154	Dietary Astragalus polysaccharides ameliorates the growth performance, antioxidant capacity and immune responses in turbot (<i>Scophthalmus maximus</i> L.). <i>Fish and Shellfish Immunology</i> , 2020 , 99, 603-608	4.3	19
153	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	4.3	18
152	Soybean saponin modulates nutrient sensing pathways and metabolism in zebrafish. <i>General and Comparative Endocrinology</i> , 2018 , 257, 246-254	3	18
151	Molecular cloning, tissue distribution and nutritional regulation of a β -fatty acyl desaturase-like enzyme in large yellow croaker (<i>Larimichthys crocea</i>). <i>Aquaculture Research</i> , 2016 , 47, 445-459	1.9	17
150	Replacement of dietary fish oil with vegetable oils improves the growth and flesh quality of large yellow croaker (<i>Larimichthys crocea</i>). <i>Journal of Ocean University of China</i> , 2014 , 13, 445-452	1	17
149	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	4.1	16
148	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	1.9	16
147	Improved utilization of soybean meal through fermentation with commensal <i>Shewanella</i> sp. MR-7 in turbot (<i>Scophthalmus maximus</i> L.). <i>Microbial Cell Factories</i> , 2019 , 18, 214	6.4	16
146	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	1.9	16
145	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> , 2015 , 14, 905-912	1	15
144	Differential regulation of taurine biosynthesis in rainbow trout and Japanese flounder. <i>Scientific Reports</i> , 2016 , 6, 21231	4.9	15
143	Impacts of replacement of dietary fish oil by vegetable oils on growth performance, anti-oxidative capacity, and inflammatory response in large yellow croaker <i>Larimichthys crocea</i> . <i>Fish Physiology and Biochemistry</i> , 2020 , 46, 231-245	2.7	15

142	Molecular Cloning, Characterization, and Nutritional Regulation of Elovl6 in Large Yellow Croaker (). <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	14
141	Ontogenetic taurine biosynthesis ability in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2015 , 185, 10-5	2.3	14
140	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	2.5	14
139	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	3.2	14
138	Chronic rapamycin treatment on the nutrient utilization and metabolism of juvenile turbot (<i>Psetta maxima</i>). <i>Scientific Reports</i> , 2016 , 6, 28068	4.9	14
137	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> , 2019 , 84, 955-961	4.3	14
136	Effects of dietary carbohydrate-to-lipid ratio on the growth performance and feed utilization of juvenile turbot (<i>Scophthalmus maximus</i>). <i>Journal of Ocean University of China</i> , 2016 , 15, 660-666	1	13
135	Beneficial influences of dietary <i>Aspergillus awamori</i> fermented soybean meal on oxidative homoeostasis and inflammatory response in turbot (<i>Scophthalmus maximus</i> L.). <i>Fish and Shellfish Immunology</i> , 2019 , 93, 8-16	4.3	13
134	Dietary fishmeal levels affect the volatile compounds in cooked muscle of farmed large yellow croaker <i>Larimichthys crocea</i> . <i>Aquaculture Research</i> , 2017 , 48, 5821-5834	1.9	13
133	The differences in postprandial free amino acid concentrations and the gene expression of PepT1 and amino acid transporters after fishmeal partial replacement by meat and bone meal in juvenile turbot (<i>Scophthalmus maximus</i> L.). <i>Aquaculture Research</i> , 2017 , 48, 3766-3781	1.9	13
132	Comparative study on the organoleptic quality of wild and farmed large yellow croaker <i>Larimichthys crocea</i> . <i>Journal of Oceanology and Limnology</i> , 2020 , 38, 260-274	1.5	13
131	High level of dietary soybean oil affects the glucose and lipid metabolism in large yellow croaker <i>Larimichthys crocea</i> through the insulin-mediated PI3K/AKT signaling pathway. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2019 , 231, 34-41	2.3	12
130	Integrative analysis of transcriptomics and metabolomics profiling on flesh quality of large yellow croaker <i>Larimichthys crocea</i> fed a diet with hydroxyproline supplementation. <i>British Journal of Nutrition</i> , 2018 , 119, 359-367	3.6	12
129	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> , 2018 , 66, 9097-9106	5.7	12
128	TIR Domain-Containing Adaptor-Inducing Interferon- γ (TRIF) Participates in Antiviral Immune Responses and Hepatic Lipogenesis of Large Yellow Croaker (). <i>Frontiers in Immunology</i> , 2019 , 10, 2506	8.4	12
127	Molecular cloning and genetic ontogeny of some key lipolytic enzymes in large yellow croaker larvae (<i>Larimichthys crocea</i> R.). <i>Aquaculture Research</i> , 2017 , 48, 1183-1193	1.9	11
126	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> , 2017 , 48, 3925-3934	1.9	11
125	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	4.3	11

124	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> , 2018 , 216, 10-17	2.3	11
123	Wnt/β-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> , 2016 , 191, 155-62	2.3	11
122	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> , 2012 , 11, 511-516	1	11
121	Roles of dietary taurine in fish nutrition. <i>Marine Life Science and Technology</i> , 2020 , 2, 360-375	4.5	11
120	Establishment and characterization of a fibroblast-like cell line from the muscle of turbot (<i>Scophthalmus maximus</i> L.). <i>Fish Physiology and Biochemistry</i> , 2019 , 45, 1129-1139	2.7	10
119	Forkhead box O1 in turbot <i>Scophthalmus maximus</i> : Molecular characterization, gene structure, tissue distribution and the role in glucose metabolism. <i>Gene</i> , 2019 , 708, 49-56	3.8	10
118	Dietary protein requirement of juvenile turbot (<i>Scophthalmus maximus</i> Linnaeus). <i>Journal of Ocean University of China</i> , 2015 , 14, 325-328	1	10
117	Palatability of water-soluble extracts of protein sources and replacement of fishmeal by a selected mixture of protein sources for juvenile turbot (<i>Scophthalmus maximus</i>). <i>Journal of Ocean University of China</i> , 2016 , 15, 561-567	1	10
116	Expression pattern of peptide and amino acid genes in digestive tract of transporter juvenile turbot (<i>Scophthalmus maximus</i> L.). <i>Journal of Ocean University of China</i> , 2016 , 15, 334-340	1	10
115	A tolerance and safety assessment of daidzein in a female fish (<i>Carassius auratus gibelio</i>). <i>Aquaculture Research</i> , 2016 , 47, 1191-1201	1.9	10
114	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> , 2017 , 70, 381-390	4.3	10
113	The effect of ultrafiltered fish protein hydrolysate levels on the liver and muscle metabolic profile of juvenile turbot (<i>Scophthalmus maximus</i> L.) by 1H NMR-based metabolomics studies. <i>Aquaculture Research</i> , 2017 , 48, 3515-3527	1.9	10
112	The Assessment of Diet Contaminated with Aflatoxin B in Juvenile Turbot () and the Evaluation of the Efficacy of Mitigation of a Yeast Cell Wall Extract. <i>Toxins</i> , 2020 , 12,	4.9	10
111	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> , 2016 , 11, e0150544	3.7	10
110	Molecular cloning and characterization of taurine transporter from turbot (<i>Psetta maxima</i>) and its expression analysis regulated by taurine in vitro. <i>Aquaculture Research</i> , 2017 , 48, 1724-1734	1.9	9
109	Short-Chain Fatty Acids Promote Intracellular Bactericidal Activity in Head Kidney Macrophages From Turbot (L.) Hypoxia Inducible Factor-1 Frontiers in Immunology, 2020 , 11, 615536	8.4	9
108	Dietary taurine improves muscle growth and texture characteristics in juvenile turbot (<i>Scophthalmus maximus</i>). <i>Aquaculture Reports</i> , 2020 , 17, 100305	2.3	9
107	The Mitotic and Metabolic Effects of Phosphatidic Acid in the Primary Muscle Cells of Turbot (). <i>Frontiers in Endocrinology</i> , 2018 , 9, 221	5.7	9

106	Effects of waterborne Cu and Cd on anti-oxidative response, lipid peroxidation and heavy metals accumulation in abalone <i>Haliotis discus hannai</i> ino. <i>Journal of Ocean University of China</i> , 2015 , 14, 511-521		9
105	Molecular adaptations of glucose and lipid metabolism to different levels of dietary carbohydrates in juvenile Japanese flounder <i>Paralichthys olivaceus</i> . <i>Aquaculture Nutrition</i> , 2020 , 26, 516-527	3.2	9
104	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> , 2020 , 11, 587674	4.6	9
103	Over high or low dietary protein levels depressed the growth, TOR signaling, apoptosis, immune and anti-stress of abalone <i>Haliotis discus hannai</i> . <i>Fish and Shellfish Immunology</i> , 2020 , 106, 241-251	4.3	9
102	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> , 2021 , 419, 126454	12.8	9
101	Responses of glucosensing system to glucose in Japanese flounder <i>Paralichthys olivaceus</i> fed diets with different carbohydrate content. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2019 , 232, 72-78	2.3	8
100	Myostatin-1 Inhibits Cell Proliferation by Inhibiting the mTOR Signal Pathway and MRFs, and Activating the Ubiquitin-Proteasomal System in Skeletal Muscle Cells of Japanese Flounder. <i>Cells</i> , 2020 , 9,	7.9	8
99	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	5	8
98	Molecular cloning, tissue distribution and nutritional regulation of a fatty acyl elovl5-like elongase in large yellow croaker, <i>Larimichthys crocea</i> . <i>Aquaculture Research</i> , 2016 , 47, 2393-2406	1.9	8
97	Effects of continuous and alternate administration of β -glucan and mannan-oligosaccharide on the growth, immunity and resistance against <i>Vibrio splendidus</i> of sea cucumber <i>Apostichopus japonicus</i> (Selenka). <i>Aquaculture Research</i> , 2013 , 44, 1613-1624	1.9	8
96	Lipid deposition patterns among different sizes of three commercial fish species. <i>Aquaculture Research</i> , 2018 , 49, 1046-1052	1.9	8
95	Polyunsaturated Fatty Acids Influence LPS-Induced Inflammation of Fish Macrophages Through Differential Modulation of Pathogen Recognition and p38 MAPK/NF- κ B Signaling. <i>Frontiers in Immunology</i> , 2020 , 11, 559332	8.4	8
94	Dietary carbohydrates influence muscle texture of olive flounder <i>Paralichthys olivaceus</i> through impacting mitochondria function and metabolism of glycogen and protein. <i>Scientific Reports</i> , 2020 , 10, 21811	4.9	8
93	Early Life Intervention Using Probiotic Improves Intestinal Development, Immune Response, and Gut Microbiota in Large Yellow Croaker () Larvae. <i>Frontiers in Immunology</i> , 2021 , 12, 640767	8.4	8
92	High Fat Activates O-GlcNAcylation and Affects AMPK/ACC Pathway to Regulate Lipid Metabolism. <i>Nutrients</i> , 2021 , 13,	6.7	8
91	The effects of dietary <i>Eucommia ulmoides</i> Oliver on growth, feed utilization, antioxidant activity and immune responses of turbot (<i>Scophthalmus maximus</i> L.). <i>Aquaculture Nutrition</i> , 2019 , 25, 367-376	3.2	8
90	Dietary arachidonic acid supplementation improves the growth performance and alleviates plant protein-based diet-induced inflammation in juvenile turbot (<i>Scophthalmus maximus</i> L.). <i>Aquaculture Nutrition</i> , 2021 , 27, 533-543	3.2	8
89	Effects of replacing soybean meal with rubber seed meal on digestive enzyme activity, nutrient digestibility and retention in tilapia (<i>Oreochromis niloticus</i> <i>Oreochromis aureus</i>). <i>Aquaculture Research</i> , 2017 , 48, 1767-1777	1.9	7

88	Effects of low dietary fish meal on the volatile compounds in muscle of large yellow croaker <i>Larimichthys crocea</i> . <i>Aquaculture Research</i> , 2017 , 48, 5179-5191	1.9	7
87	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> , 2020 , 107, 529-536	4.3	7
86	Comparatively study on the insulin-regulated glucose homeostasis through brain-gut peptides in Japanese flounder <i>Paralichthys olivaceus</i> after intraperitoneal and oral administration of glucose. <i>General and Comparative Endocrinology</i> , 2018 , 266, 9-20	3	7
85	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> , 2020 , 98, 112-121	4.3	7
84	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> , 2020 , 26, 2225-2234	3.2	7
83	Reduced glutathione supplementation in practical diet improves the growth, anti-oxidative capacity, disease resistance and gut morphology of shrimp <i>Litopenaeus vannamei</i> . <i>Fish and Shellfish Immunology</i> , 2018 , 73, 152-157	4.3	7
82	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> , 2017 , 48, 767-779	1.9	6
81	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> , 2017 , 48, 1158-1167	1.9	6
80	Comparative analysis of glucose metabolism responses of large yellow croaker <i>Larimichthys crocea</i> fed diet with fish oil and palm oil. <i>Fish Physiology and Biochemistry</i> , 2019 , 45, 1603-1614	2.7	6
79	Effects of vitamin C deficiency or excess on growth performance, anti-oxidative response and fatty acid composition of juvenile abalone <i>Haliotis discus hannai</i> Ino. <i>Journal of Oceanology and Limnology</i> , 2020 , 38, 1936-1944	1.5	6
78	Effects of dietary grape seed oil and linseed oil on growth, muscle fatty acid composition and expression of putative Δ fatty acyl desaturase in abalone <i>Haliotis discus hannai</i> Ino. <i>Aquaculture</i> , 2013 , 406-407, 105-114	4.4	6
77	Tumour necrosis factor- α inhibits hepatic lipid deposition through GSK-3 β /Eatenin signaling in juvenile turbot (<i>Scophthalmus maximus</i> L.). <i>General and Comparative Endocrinology</i> , 2016 , 228, 1-8	3	6
76	Dietary taurine modulates hepatic oxidative status, ER stress and inflammation in juvenile turbot (<i>Scophthalmus maximus</i> L.) fed high carbohydrate diets. <i>Fish and Shellfish Immunology</i> , 2021 , 109, 1-11	4.3	6
75	Effects of replacing fish meal with rubber seed meal on growth, nutrient utilization, and cholesterol metabolism of tilapia (<i>Oreochromis niloticus</i> [D. aureus]). <i>Fish Physiology and Biochemistry</i> , 2017 , 43, 941-954	2.7	5
74	Effects of dietary vitamin K on growth performances, blood coagulation time and menaquinone-4 (MK-4) concentration in tissues of juvenile large yellow croaker <i>Pseudosciaena crocea</i> . <i>Aquaculture Research</i> , 2015 , 46, 1269-1275	1.9	5
73	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> , 2017 , 203, 53-64	2.3	5
72	Effects of dietary lysolecithin on growth performance, feed utilization, intestinal morphology and metabolic responses of channel catfish (<i>Ictalurus punctatus</i>). <i>Aquaculture Nutrition</i> , 2020 , 26, 456-465	3.2	5
71	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	3.6	5

70	Effects of dietary terrestrial oils supplemented with L-carnitine on growth, antioxidant capacity, lipid metabolism and inflammation in large yellow croaker (). <i>British Journal of Nutrition</i> , 2020 , 1-31	3.6	5
69	The protective role of daidzein in intestinal health of turbot (<i>Scophthalmus maximus</i> L.) fed soybean meal-based diets. <i>Scientific Reports</i> , 2021 , 11, 3352	4.9	5
68	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> , 2019 , 50, 2350-2358	1.9	4
67	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> , 2015 , 14, 317-324	1	4
66	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> , 2020 , 104, 663-672	4.3	4
65	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> , 2021 , 27, 395-406	3.2	4
64	Molecular Characterization, Nutritional and Insulin Regulation of Elovl6 in Rainbow Trout (). <i>Biomolecules</i> , 2020 , 10,	5.9	4
63	Influences of dietary antimicrobial peptide APSH-07 on the growth performance, immune response and vibriosis resistance of abalone <i>Haliotis discus hannai</i> Ino. <i>Aquaculture Nutrition</i> , 2020 , 26, 1736-1747 ^{3,2}		4
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61	Endoplasmic reticulum stress induces hepatic steatosis by transcriptional upregulating lipid droplet protein perilipin2. <i>FASEB Journal</i> , 2021 , 35, e21900	0.9	4
60	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> , 2015 , 46, 242-251	1.9	3
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57	Regulation of Free Fatty Acid Receptor 4 on Inflammatory Gene Induced by LPS in Large Yellow Croaker (). <i>Frontiers in Immunology</i> , 2021 , 12, 703914	8.4	3
56	High glucose induces apoptosis, glycogen accumulation and suppresses protein synthesis in muscle cells of olive flounder. <i>British Journal of Nutrition</i> , 2021 , 1-12	3.6	3
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51	Ascorbic Acid Regulates the Immunity, Anti-Oxidation and Apoptosis in Abalone Ino. <i>Antioxidants</i> , 2021 , 10,	7.1	3
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42	Efficacy of crystalline methionine and microencapsulation methionine in diets for Pacific white shrimp <i>Litopenaeus vannamei</i> . <i>Aquaculture Research</i> , 2020 , 51, 4206-4214	1.9	2
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40	Adiponectin β roles in lipid and glucose metabolism modulation in fish: Mechanisms and perspectives. <i>Reviews in Aquaculture</i> , 2021 , 13, 2305-2321	8.9	2
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33	Vitamin D protects turbot (<i>Scophthalmus maximus</i> L.) from bacterial infection. <i>Fish and Shellfish Immunology</i> , 2021 , 118, 25-33	4.3	2
32	Optimal dietary protein to energy ratio for juvenile peanut worm <i>Sipunculus nudus</i> Linnaeus. <i>Fisheries Science</i> , 2015 , 81, 713-722	1.9	1
31	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> , 2020 , 51, 3421-3428	1.9	1
30	Vitamin D impacts on the intestinal health, immune status, and metabolism in turbot (L.). <i>British Journal of Nutrition</i> , 2022 , 1-36	3.6	1
29	Dietary lipid levels affected antioxidative status, inflammation response, apoptosis and microbial community in the intestine of juvenile turbot (<i>Scophthalmus maximus</i> L.). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2021 , 264, 111118	2.6	1
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27	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> , 2021 , 194, 153-162	7.9	1
26	Acetyl-CoA derived from hepatic mitochondrial fatty acid β oxidation aggravates inflammation by enhancing p65 acetylation. <i>IScience</i> , 2021 , 24, 103244	6.1	1
25	Replacement of fishmeal with <i>Shewanella</i> sp. MR-7 fermented soya bean meal in Pacific white shrimp. <i>Aquaculture Research</i> , 2021 , 52, 2110-2120	1.9	1
24	Recent progress in the understanding of the gut microbiota of marine fishes. <i>Marine Life Science and Technology</i> , 2021 , 3, 434-448	4.5	1
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20	Regulation of β 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> , 2022 , 12, 659	5.9	1
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17	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> , 2022 , 204, 144-153	7.9	0

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13	Effects of Dietary Mannan Oligosaccharides on Non-Specific Immunity, Intestinal Health, and Antibiotic Resistance Genes in Pacific White Shrimp .. <i>Frontiers in Immunology</i> , 2021 , 12, 772570	8.4	o
12	Proteomics analysis of skin coloration of large yellow croaker <i>Larimichthys crocea</i> fed different dietary carotenoids. <i>Aquaculture Nutrition</i> , 2020 , 26, 1981-1993	3.2	o
11	Effects of dietary protein levels on growth performance, digestibility, anti-oxidative responses and expressions of growth-related genes in triploid rainbow trout <i>Oncorhynchus mykiss</i> farmed in seawater. <i>Aquaculture Nutrition</i> , 2021 , 27, 998-1008	3.2	o
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8	Evaluation of the mitigation efficacy of a yeast cell wall extract toward deoxynivalenol contaminated diet fed to turbot (<i>Scophthalmus maximus</i>). <i>Ecotoxicology and Environmental Safety</i> , 2021 , 216, 112221	7	o
7	FoxO3 Modulates LPS-Activated Hepatic Inflammation in Turbot (L.). <i>Frontiers in Immunology</i> , 2021 , 12, 679704	8.4	o
6	Replacement of dietary kelp meal with three macroalgae sources on the growth performance, immune responses and anti-stress capacity of abalone <i>Haliotis discus hannai</i> . <i>Journal of Applied Phycology</i> ,1	3.2	o
5	Vitamin D regulates insulin pathway and glucose metabolism in zebrafish (<i>Danio rerio</i>).. <i>FASEB Journal</i> , 2022 , 36, e22330	0.9	o
4	Dietary L-carnitine regulates liver lipid metabolism simultaneously activating fatty acid Eoxidation and suppressing endoplasmic reticulum stress in large yellow croaker fed with high-fat diets.. <i>British Journal of Nutrition</i> , 2022 , 1-34	3.6	o
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1	Taurine alleviates endoplasmic reticulum stress, inflammatory cytokine expression and mitochondrial oxidative stress induced by high glucose in the muscle cells of olive flounder (<i>Paralichthysolivaceus</i>).. <i>Fish and Shellfish Immunology</i> , 2022 , 123, 358-368	4.3	o