

# Kangsen Mai

## List of Publications by Year in Descending Order

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

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	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
194	Environmental adaptation in fish induced changes in the regulatory region of fatty acid elongase gene, elovl5, involved in long-chain polyunsaturated fatty acid biosynthesis.. <i>International Journal of Biological Macromolecules</i> , <b>2022</b> , 204, 144-153	7.9	0
193	Dietary recombinant human lysozyme improves the growth, intestinal health, immunity and disease resistance of Pacific white shrimp <i>Litopenaeus vannamei</i> .. <i>Fish and Shellfish Immunology</i> , <b>2022</b> , 121, 39-52	4.3	2
192	Protein and amino acids <b>2022</b> , 181-302		3
191	Taurine alleviates endoplasmic reticulum stress, inflammatory cytokine expression and mitochondrial oxidative stress induced by high glucose in the muscle cells of olive flounder ( <i>Paralichthys olivaceus</i> ).. <i>Fish and Shellfish Immunology</i> , <b>2022</b> , 123, 358-368	4.3	
190	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
189	Dietary L-carnitine regulates liver lipid metabolism simultaneously activating fatty acid 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
188	Regulation of 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
187	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
186	Suppression of cdeb 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	0
185	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
184	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
183	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
182	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
181	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
180	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 &amp; Integrative Physiology</i> , <b>2021</b> , 264, 111118	2.6	1
179	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

178	Effects of Dietary Mannan Oligosaccharides on Non-Specific Immunity, Intestinal Health, and Antibiotic Resistance Genes in Pacific White Shrimp .. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 772570	8.4	0
177	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
176	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
175	Vitamin D/VDR inhibits inflammation through NF- $\kappa$ B pathway accompanied by resisting apoptosis and inducing autophagy in abalone <i>Haliotis discus hannai</i> . <i>Cell Biology and Toxicology</i> , <b>2021</b> , 1	7.4	2
174	Acetyl-CoA derived from hepatic mitochondrial fatty acid $\beta$ oxidation aggravates inflammation by enhancing p65 acetylation. <i>IScience</i> , <b>2021</b> , 24, 103244	6.1	1
173	Replacement of fishmeal with <i>Shewanella</i> sp. MR-7 fermented soya bean meal in Pacific white shrimp. <i>Aquaculture Research</i> , <b>2021</b> , 52, 2110-2120	1.9	1
172	Early Life Intervention Using Probiotic Improves Intestinal Development, Immune Response, and Gut Microbiota in Large Yellow Croaker () Larvae. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 640767	8.4	8
171	Effects of dietary protein levels on growth performance, serum indexes, PI3K/AKT/mTOR/S6K signalling and intestinal microbiota of abalone <i>Haliotis discus hannai</i> . <i>Aquaculture Nutrition</i> , <b>2021</b> , 27, 941-952	3.2	2
170	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> , <b>2021</b> , 27, 998-1008	3.2	0
169	Recent progress in the understanding of the gut microbiota of marine fishes. <i>Marine Life Science and Technology</i> , <b>2021</b> , 3, 434-448	4.5	1
168	Adiponectin $\beta$ 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
167	Effects of phosphatidic acid on growth and antioxidant capacity in juvenile turbot, <i>Scophthalmus maxius</i> L., fed with high plant protein-based diets. <i>Journal of the World Aquaculture Society</i> , <b>2021</b> , 52, 947-960	2.5	0
166	High Fat Activates O-GlcNAcylation and Affects AMPK/ACC Pathway to Regulate Lipid Metabolism. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	8
165	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
164	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
163	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
162	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> , <b>2021</b> , 216, 112221	7	0
161	Effects of different dietary lipid levels on intestinal mucosal barrier and microbial community of juvenile tiger puffer <i>Takifugu rubripes</i> . <i>Aquaculture Nutrition</i> , <b>2021</b> , 27, 1626-1639	3.2	1

160	FoxO3 Modulates LPS-Activated Hepatic Inflammation in Turbot ( <i>L.</i> ). <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 679704	8.4	0
159	High glucose induces apoptosis, glycogen accumulation and suppresses protein synthesis in muscle cells of olive flounder. <i>British Journal of Nutrition</i> , <b>2021</b> , 1-12	3.6	3
158	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
157	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> , <b>2021</b> , 109, 1-11	4.3	6
156	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> , <b>2021</b> , 27, 533-543	3.2	8
155	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
154	Functions of Forkhead Box O on Glucose Metabolism in Abalone and Its Responses to High Levels of Dietary Lipid. <i>Genes</i> , <b>2021</b> , 12,	4.2	2
153	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
152	Effects of dietary chromium yeast and astaxanthin on the growth performance, anti-oxidative capacity, and resistance to heat stress of abalone <i>Haliotis discus hannai</i> . <i>Aquaculture International</i> , <b>2021</b> , 29, 911-924	2.6	4
151	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
150	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
149	Oleic and palmitic acids induce hepatic angiopoietin-like 4 expression predominantly via PPAR- $\gamma$ . <i>British Journal of Nutrition</i> , <b>2021</b> , 1-27	3.6	2
148	Ascorbic Acid Regulates the Immunity, Anti-Oxidation and Apoptosis in Abalone Ino. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	3
147	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
146	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
145	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
144	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
143	Short-Chain Fatty Acids Promote Intracellular Bactericidal Activity in Head Kidney Macrophages From Turbot ( <i>L.</i> ) Hypoxia Inducible Factor-1 $\alpha$ <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 615536	8.4	9

142	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
141	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> , <b>2020</b> , 9,	7.9	8
140	Dietary taurine improves muscle growth and texture characteristics in juvenile turbot ( <i>Scophthalmus maximus</i> ). <i>Aquaculture Reports</i> , <b>2020</b> , 17, 100305	2.3	9
139	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
138	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
137	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> , <b>2020</b> , 100, 261-271	4.3	24
136	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
135	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
134	Dietary <i>Astragalus</i> polysaccharides ameliorates the growth performance, antioxidant capacity and immune responses in turbot ( <i>Scophthalmus maximus</i> L.). <i>Fish and Shellfish Immunology</i> , <b>2020</b> , 99, 603-608	4.3	19
133	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> , <b>2020</b> , 38, 1936-1944	1.5	6
132	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
131	Molecular Characterization, Nutritional and Insulin Regulation of <i>Elovl6</i> in Rainbow Trout (). <i>Biomolecules</i> , <b>2020</b> , 10,	5.9	4
130	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
129	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> , <b>2020</b> , 26, 516-527	3.2	9
128	Effects of antimicrobial peptide APSH-07 on the growth performance, anti-oxidation responses, stress resistance and intestine microbiota in large yellow croaker <i>Larimichthys crocea</i> . <i>Aquaculture Nutrition</i> , <b>2020</b> , 26, 715-726	3.2	2
127	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> , <b>2020</b> , 46, 231-245	2.7	15
126	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
125	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> , <b>2020</b> , 12,	4.9	10

124	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
123	Dietary Allicin Improved the Survival and Growth of Large Yellow Croaker ( <i>Larimichthys crocea</i> ) Larvae via Promoting Intestinal Development, Alleviating Inflammation and Enhancing Appetite. <i>Frontiers in Physiology</i> , <b>2020</b> , 11, 587674	4.6	9
122	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> , <b>2020</b> , 106, 241-251	4.3	9
121	$\Omega$ 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> , <b>2020</b> , 11, 607	9.8	27
120	Roles of dietary taurine in fish nutrition. <i>Marine Life Science and Technology</i> , <b>2020</b> , 2, 360-375	4.5	11
119	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> , <b>2020</b> , 26, 1736-1747 <sup>3.2</sup>	3.2	4
118	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
117	Efficacy of crystalline methionine and microencapsulation methionine in diets for Pacific white shrimp <i>Litopenaeus vannamei</i> . <i>Aquaculture Research</i> , <b>2020</b> , 51, 4206-4214	1.9	2
116	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
115	Proteomics analysis of skin coloration of large yellow croaker <i>Larimichthys crocea</i> fed different dietary carotenoids. <i>Aquaculture Nutrition</i> , <b>2020</b> , 26, 1981-1993	3.2	0
114	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> , <b>2020</b> , 10, 21811	4.9	8
113	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> , <b>2020</b> , 26, 456-465	3.2	5
112	Comparative study on the organoleptic quality of wild and farmed large yellow croaker <i>Larimichthys crocea</i> . <i>Journal of Oceanology and Limnology</i> , <b>2020</b> , 38, 260-274	1.5	13
111	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
110	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
109	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
108	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
107	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

106	Resveratrol attenuates oxidative stress and inflammatory response in turbot fed with soybean meal based diet. <i>Fish and Shellfish Immunology</i> , <b>2019</b> , 91, 130-135	4.3	28
105	Molecular Cloning, Characterization, and Nutritional Regulation of Elovl6 in Large Yellow Croaker (). <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	14
104	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> , <b>2019</b> , 45, 1603-1614	2.7	6
103	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> , <b>2019</b> , 45, 1129-1139	2.7	10
102	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
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> , <b>2019</b> , 232, 72-78	2.3	8
100	Forkhead box O1 in turbot <i>Scophthalmus maximus</i> : Molecular characterization, gene structure, tissue distribution and the role in glucose metabolism. <i>Gene</i> , <b>2019</b> , 708, 49-56	3.8	10
99	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> , <b>2019</b> , 231, 34-41	2.3	12
98	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
97	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> , <b>2019</b> , 93, 8-16	4.3	13
96	Supplementation of Yeast Extract to Practical Diet Improves the Growth, Anti-Oxidative Capacity and Intestinal Morphology of Shrimp <i>Litopenaeus vannamei</i> . <i>Journal of Ocean University of China</i> , <b>2019</b> , 18, 933-938	1	2
95	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
94	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> , <b>2019</b> , 18, 214	6.4	16
93	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> , <b>2019</b> , 499, 32-41	4.4	32
92	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> , <b>2019</b> , 25, 367-376	3.2	8
91	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
90	Protective effects of dietary $\beta$ ipoic acid on abalone <i>Haliotis discus hannai</i> against the oxidative damage under waterborne cadmium stress. <i>Aquaculture Nutrition</i> , <b>2019</b> , 25, 263-270	3.2	3
89	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> , <b>2018</b> , 266, 9-20	3	7

88	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> , <b>2018</b> , 119, 359-367	3.6	12
87	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
86	Feed Developments in Mariculture <b>2018</b> , 451-462		0
85	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> , <b>2018</b> , 77, 465-473	4.3	50
84	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
83	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
82	Soybean saponin modulates nutrient sensing pathways and metabolism in zebrafish. <i>General and Comparative Endocrinology</i> , <b>2018</b> , 257, 246-254	3	18
81	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
80	The Mitotic and Metabolic Effects of Phosphatidic Acid in the Primary Muscle Cells of Turbot (). <i>Frontiers in Endocrinology</i> , <b>2018</b> , 9, 221	5.7	9
79	Protective effects of dietary selenium on abalone <i>Haliotis discus hannai</i> against the toxicity of waterborne cadmium. <i>Aquaculture Research</i> , <b>2018</b> , 49, 3237-3244	1.9	2
78	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> , <b>2018</b> , 8, 7415	4.9	38
77	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
76	Using a selectively bred nongenetically modified soybean meal to replace fishmeal in practical diets for the Pacific white shrimp <i>Litopenaeus vannamei</i> . <i>Aquaculture Nutrition</i> , <b>2018</b> , 24, 1689-1697	3.2	3
75	Lipid deposition patterns among different sizes of three commercial fish species. <i>Aquaculture Research</i> , <b>2018</b> , 49, 1046-1052	1.9	8
74	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> , <b>2018</b> , 73, 152-157	4.3	7
73	The effects of dietary astaxanthin on intestinal health of juvenile tiger puffer <i>Takifugu rubripes</i> in terms of antioxidative status, inflammatory response and microbiota. <i>Aquaculture Nutrition</i> , <b>2018</b> , 25, 466	3.2	1
72	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
71	Molecular cloning and functional characterization of a putative Elov14 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



70	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
69	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
68	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
67	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> , <b>2017</b> , 48, 1158-1167	1.9	6
66	Effects of replacing soybean meal with rubber seed meal on digestive enzyme activity, nutrient digestibility and retention in tilapia ( <i>Oreochromis niloticus</i> [Oreochromis aureus]). <i>Aquaculture Research</i> , <b>2017</b> , 48, 1767-1777	1.9	7
65	Molecular cloning and characterization of taurine transporter from turbot ( <i>Psetta maxima</i> ) and its expression analysis regulated by taurine <i>in vitro</i> . <i>Aquaculture Research</i> , <b>2017</b> , 48, 1724-1734	1.9	9
64	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
63	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
62	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
61	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
60	Effects of low dietary fish meal on the volatile compounds in muscle of large yellow croaker <i>Larimichthys crocea</i> . <i>Aquaculture Research</i> , <b>2017</b> , 48, 5179-5191	1.9	7
59	Effects of replacing fish meal with rubber seed meal on growth, nutrient utilization, and cholesterol metabolism of tilapia ( <i>Oreochromis niloticus</i> [O. aureus]). <i>Fish Physiology and Biochemistry</i> , <b>2017</b> , 43, 941-954	2.7	5
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56	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> , <b>2017</b> , 50, 74-82	6.3	25
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54	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
53	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

52	Dietary fishmeal levels affect the volatile compounds in cooked muscle of farmed large yellow croaker <i>Larimichthys crocea</i> . <i>Aquaculture Research</i> , <b>2017</b> , 48, 5821-5834	1.9	13
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50	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
49	The effect of ultrafiltered fish protein hydrolysate levels on the liver and muscle metabolic profile of juvenile turbot ( <i>Scophthalmus maximus</i> L.) by <sup>1</sup> H NMR-based metabolomics studies. <i>Aquaculture Research</i> , <b>2017</b> , 48, 3515-3527	1.9	10
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46	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
45	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
44	Differential regulation of taurine biosynthesis in rainbow trout and Japanese flounder. <i>Scientific Reports</i> , <b>2016</b> , 6, 21231	4.9	15
43	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> , <b>2016</b> , 15, 561-567	1	10
42	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> , <b>2016</b> , 15, 334-340	1	10
41	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
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39	A tolerance and safety assessment of daidzein in a female fish ( <i>Carassius auratus gibelio</i> ). <i>Aquaculture Research</i> , <b>2016</b> , 47, 1191-1201	1.9	10
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37	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
36	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> , <b>2016</b> , 24, 1007-1023	2.6	39
35	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

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31	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
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27	Chronic rapamycin treatment on the nutrient utilization and metabolism of juvenile turbot ( <i>Psetta maxima</i> ). <i>Scientific Reports</i> , <b>2016</b> , 6, 28068	4.9	14
26	Tumour necrosis factor- $\alpha$ inhibits hepatic lipid deposition through GSK-3 $\beta$ /Eatenin signaling in juvenile turbot ( <i>Scophthalmus maximus</i> L.). <i>General and Comparative Endocrinology</i> , <b>2016</b> , 228, 1-8	3	6
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24	Leptin and its receptor in turbot <i>Scophthalmus maximus</i> : cloning, characterization and expression response to ratios of dietary carbohydrate-lipid. <i>Fish Physiology and Biochemistry</i> , <b>2016</b> , 42, 1665-1679	2.7	3
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19	Optimal dietary protein to energy ratio for juvenile peanut worm <i>Sipunculus nudus</i> Linnaeus. <i>Fisheries Science</i> , <b>2015</b> , 81, 713-722	1.9	1
18	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> $\times$ <i>O. aureus</i> ). <i>Fish and Shellfish Immunology</i> , <b>2015</b> , 44, 436-44	4.3	57
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13	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
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6	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
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