

Min Jin

List of Publications by Year in descending order

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52
papers

1,167
citations

489802

18
h-index

488211

31
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52
all docs

52
docs citations

52
times ranked

860
citing authors

#	ARTICLE	IF	CITATIONS
1	Lipidomic profiling reveals molecular modification of lipids in hepatopancreas of juvenile mud crab (<i>Scylla paramamosain</i>) fed with different dietary DHA/EPA ratios. <i>Food Chemistry</i> , 2022, 372, 131289.	4.2	12
2	Effects of Dietary Carbohydrate Levels on the Growth and Glucose Metabolism of Juvenile Swimming Crab, <i>Portunus trituberculatus</i> . <i>Aquaculture Nutrition</i> , 2022, 2022, 1-15.	1.1	6
3	Excess iron supplementation induced hepatopancreas lipolysis, destroyed intestinal function in Pacific white shrimp <i>Litopenaeus vannamei</i> . <i>Marine Pollution Bulletin</i> , 2022, 176, 113421.	2.3	5
4	Effects of dietary vitamin D ₃ supplementation on the growth performance, tissue Ca and P concentrations, antioxidant capacity, immune response and lipid metabolism in <i>Litopenaeus vannamei</i> larvae. <i>British Journal of Nutrition</i> , 2022, 128, 793-801.	1.2	6
5	Effects of faba bean (<i>Vicia faba</i> L.) on fillet quality of Yellow River carp (<i>Cyprinus carpio</i>) via the oxidative stress response. <i>Food Chemistry</i> , 2022, 388, 132953.	4.2	13
6	A New Insight Into the Underlying Adaptive Strategies of Euryhaline Marine Fish to Low Salinity Environment: Through Cholesterol Nutrition to Regulate Physiological Responses. <i>Frontiers in Nutrition</i> , 2022, 9, 855369.	1.6	6
7	Dietary vitamin K ₃ activates mitophagy, improves antioxidant capacity, immunity and affects glucose metabolism in <i>Litopenaeus vannamei</i> . <i>Food and Function</i> , 2022, 13, 6362-6372.	2.1	2
8	<i>Vibrio parahaemolyticus</i> Infection Influenced Trace Element Homeostasis, Impaired Antioxidant Function, and Induced Inflammation Response in <i>Litopenaeus vannamei</i> . <i>Biological Trace Element Research</i> , 2021, 199, 329-337.	1.9	15
9	Transcriptome Analysis of the Hepatopancreas in the <i>Litopenaeus vannamei</i> Responding to the Lead Stress. <i>Biological Trace Element Research</i> , 2021, 199, 1100-1109.	1.9	16
10	Dietary DHA/EPA ratio affects growth, tissue fatty acid profiles and expression of genes involved in lipid metabolism in mud crab <i>Scylla paramamosain</i> supplied with appropriate n-3 LC-PUFA at two lipid levels. <i>Aquaculture</i> , 2021, 532, 736028.	1.7	33
11	Dietary lipid and n-3 long-chain PUFA levels impact growth performance and lipid metabolism of juvenile mud crab, <i>Scylla paramamosain</i> . <i>British Journal of Nutrition</i> , 2021, 125, 876-890.	1.2	13
12	Biosynthesis of LC-PUFAs and VLC-PUFAs in <i>Pampus argenteus</i> : Characterization of Elovl4 Elongases and Regulation under Acute Salinity. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 932-944.	2.4	8
13	Molecular cloning, tissue distribution and gene expression in response to nutritional regulation of sterol regulatory element binding protein-1 from the swimming crab <i>Portunus trituberculatus</i> (Miers). <i>Tj ETQq1 1 00784314 rgBT /Over</i>		
14	Dietary soybean oil aggravates the adverse effects of low salinity on intestinal health in juvenile mud crab <i>Scylla paramamosain</i> . <i>Ecotoxicology and Environmental Safety</i> , 2021, 213, 112004.	2.9	13
15	Dietary Betaine Mitigates Hepatic Steatosis and Inflammation Induced by a High-Fat-Diet by Modulating the Sirt1/Srebp-1/Ppar α Pathway in Juvenile Black Seabream (<i>Acanthopagrus schlegelii</i>). <i>Frontiers in Immunology</i> , 2021, 12, 694720.	2.2	20
16	Untargeted lipidomics reveals metabolic responses to different dietary n-3 PUFA in juvenile swimming crab (<i>Portunus trituberculatus</i>). <i>Food Chemistry</i> , 2021, 354, 129570.	4.2	27
17	Dietary DL-methionine supplementation could improve growth performance under low fishmeal strategies by modulating TOR signalling pathway of <i>Litopenaeus vannamei</i> . <i>Aquaculture Nutrition</i> , 2021, 27, 1921-1933.	1.1	8
18	Effects of dietary manganese supplementation on growth performance, antioxidant capacity, immune function and intestinal microbiota in Pacific white shrimp <i>Litopenaeus vannamei</i> . <i>Aquaculture Nutrition</i> , 2021, 27, 1972-1982.	1.1	7

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19	Dietary chromium modulates glucose homeostasis and induces oxidative stress in Pacific white shrimp (<i>Litopenaeus vannamei</i>). <i>Aquatic Toxicology</i> , 2021, 240, 105967.	1.9	14
20	Environmental salinity and dietary lipid nutrition strategy: Effects on flesh quality of the marine euryhaline crab <i>Scylla paramamosain</i> . <i>Food Chemistry</i> , 2021, 361, 130160.	4.2	25
21	<i>Litopenaeus vannamei</i> BMAL1 Is a Critical Mediator Regulating the Expression of Glucose Transporters and Can Be Suppressed by Constant Darkness. <i>Animals</i> , 2021, 11, 2893.	1.0	1
22	Dietary manganese levels influence growth, manganese bioaccumulation and expression of genes involved in antioxidant response of swimming crab (<i>Portunus trituberculatus</i>). <i>Aquaculture Nutrition</i> , 2021, 27, 2600-2611.	1.1	2
23	Modification of nutritional values and flavor qualities of muscle of swimming crab (<i>Portunus</i>) Tj ETQq1 1 0.784314 μgBT / Overlock 10	4.2	46
24	Effects of dietary lipid level on growth, fatty acid profiles, antioxidant capacity and expression of genes involved in lipid metabolism in juvenile swimming crab, (<i>Portunus trituberculatus</i>). <i>British Journal of Nutrition</i> , 2020, 123, 149-160.	1.2	37
25	New insight into the molecular basis of chromium exposure of <i>Litopenaeus vannamei</i> by transcriptome analysis. <i>Marine Pollution Bulletin</i> , 2020, 160, 111673.	2.3	13
26	Carbohydrate utilization in black seabream: Effects of the carbohydrate sources on growth, insulin signalling pathway and hepatic glucose metabolism. <i>Aquaculture Nutrition</i> , 2020, 26, 2102-2114.	1.1	15
27	Influence of dietary zinc on growth, zinc bioaccumulation and expression of genes involved in antioxidant and innate immune in juvenile mud crabs (<i>Scylla paramamosain</i>). <i>British Journal of Nutrition</i> , 2020, 124, 681-692.	1.2	14
28	Effects of dietary zinc level on growth performance, lipolysis and expression of genes involved in the calcium/calmodulin-dependent protein kinase kinase- β /AMP-activated protein kinase pathway in juvenile Pacific white shrimp. <i>British Journal of Nutrition</i> , 2020, 124, 773-784.	1.2	19
29	Effects of dietary fish oil substitution with blending vegetable oils on growth performance, antioxidant enzyme activities and tissue fatty acid composition of juvenile swimming crab, (<i>Portunus trituberculatus</i>). <i>Aquaculture Nutrition</i> , 2020, 26, 1394-1404.	1.1	5
30	Effects of Dietary Carbohydrate to Lipid Ratios on Growth Performance, Muscle Fatty Acid Composition, and Intermediary Metabolism in Juvenile Black Seabream (<i>Acanthopagrus schlegelii</i>). <i>Frontiers in Physiology</i> , 2020, 11, 507.	1.3	17
31	The effects of dietary yeast hydrolysate on growth, hematology, antioxidant enzyme activities and non-specific immunity of juvenile Nile tilapia, <i>Oreochromis niloticus</i> . <i>Fish and Shellfish Immunology</i> , 2020, 101, 168-175.	1.6	27
32	<i>Vibrio parahaemolyticus</i> infection impaired intestinal barrier function and nutrient absorption in <i>Litopenaeus vannamei</i> . <i>Fish and Shellfish Immunology</i> , 2020, 99, 184-189.	1.6	14
33	Effects of dietary exogenous xylanase supplementation on growth performance, intestinal health, and carbohydrate metabolism of juvenile large yellow croaker, <i>Larimichthys crocea</i> . <i>Fish Physiology and Biochemistry</i> , 2020, 46, 1093-1110.	0.9	18
34	Cloning and functional characterization of an elovl4-like gene involved in the biosynthesis of long-chain polyunsaturated fatty acids in the swimming crab <i>Portunus trituberculatus</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2020, 242, 110408.	0.7	16
35	Dietary fenofibrate attenuated high-fat-diet-induced lipid accumulation and inflammation response partly through regulation of ppar α and sirt1 in juvenile black seabream (<i>Acanthopagrus schlegelii</i>). <i>Developmental and Comparative Immunology</i> , 2020, 109, 103691.	1.0	30
36	Toxicological mechanism of excessive copper supplementation: Effects on coloration, copper bioaccumulation and oxidation resistance in mud crab <i>Scylla paramamosain</i> . <i>Journal of Hazardous Materials</i> , 2020, 395, 122600.	6.5	30

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37	Influence of dietary replacement of fish meal with fish soluble meal on growth and TOR signaling pathway in juvenile black sea bream (<i>Acanthopagrus schlegelii</i>). <i>Fish and Shellfish Immunology</i> , 2020, 101, 269-276.	1.6	21
38	Functional palatability enhancer improved growth, intestinal morphology, and hepatopancreas protease activity, replacing squid paste in white shrimp, <i>Litopenaeus vannamei</i> , diets. <i>Journal of the World Aquaculture Society</i> , 2019, 50, 1064-1077.	1.2	7
39	Effects of different dietary lipid sources on growth performance, antioxidant enzyme activities and biochemical composition of juvenile swimming crab, <i>Portunus trituberculatus</i> . <i>Aquaculture Nutrition</i> , 2019, 25, 1440-1450.	1.1	15
40	Hepatopancreas and ovarian transcriptome response to different dietary soybean lecithin levels in <i>Portunus trituberculatus</i> . <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2019, 31, 100600.	0.4	7
41	Regulation of Dietary Lipid Sources on Tissue Lipid Classes and Mitochondrial Energy Metabolism of Juvenile Swimming Crab, <i>Portunus trituberculatus</i> . <i>Frontiers in Physiology</i> , 2019, 10, 454.	1.3	17
42	Biosynthesis of long-chain polyunsaturated fatty acids in the razor clam <i>Sinonovacula constricta</i> : Characterization of four fatty acyl elongases and a novel desaturase capacity. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 1083-1090.	1.2	20
43	Effects of different dietary copper sources on the growth and intestinal microbial communities of Pacific white shrimp (<i>Litopenaeus vannamei</i>). <i>Aquaculture Nutrition</i> , 2019, 25, 828-840.	1.1	11
44	Effects of supplemental dietary l-carnitine and bile acids on growth performance, antioxidant and immune ability, histopathological changes and inflammatory response in juvenile black seabream (<i>Acanthopagrus schlegelii</i>) fed high-fat diet. <i>Aquaculture</i> , 2019, 504, 199-209.	1.7	103
45	Dietary choline supplementation attenuated high-fat diet-induced inflammation through regulation of lipid metabolism and suppression of NF κ B activation in juvenile black seabream (<i>Acanthopagrus</i>) <i>Tj ETQq1 1 0.7843144gBT /Overlock 10 T</i>	1.1	45
46	Effects of dietary dosage forms of copper supplementation on growth, antioxidant capacity, innate immunity enzyme activities and gene expressions for juvenile <i>Litopenaeus vannamei</i> . <i>Fish and Shellfish Immunology</i> , 2019, 84, 1059-1067.	1.6	50
47	Dietary yeast hydrolysate and brewer's yeast supplementation could enhance growth performance, innate immunity capacity and ammonia nitrogen stress resistance ability of Pacific white shrimp (<i>Litopenaeus vannamei</i>). <i>Fish and Shellfish Immunology</i> , 2018, 82, 121-129.	1.6	86
48	Effects of starvation and feeding on blood chemistry, fatty acid composition and expression of vitellogenin and fatty acid-binding protein genes in female swimming crab <i>Portunus trituberculatus</i> broodstock. <i>Fisheries Science</i> , 2017, 83, 455-464.	0.7	11
49	Molecular and functional characterisation of two elovl4 elongases involved in the biosynthesis of very long-chain (> C24) polyunsaturated fatty acids in black seabream <i>Acanthopagrus schlegelii</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2017, 212, 41-50.	0.7	36
50	Dietary Lipid Sources Influence Fatty Acid Composition in Tissue of Large Yellow Croaker (<i>Larmichthys</i>) <i>Tj ETQq0 0 0 rgBT /Overlock 10 T ONE</i> , 2017, 12, e0169985.	1.1	45
51	Dietary DHA/EPA ratio affected tissue fatty acid profiles, antioxidant capacity, hematological characteristics and expression of lipid-related genes but not growth in juvenile black seabream (<i>Acanthopagrus schlegelii</i>). <i>PLoS ONE</i> , 2017, 12, e0176216.	1.1	47
52	Growth, immune response and resistance to <i>Aeromonas hydrophila</i> of juvenile yellow catfish, <i>Pelteobagrus fulvidraco</i> , fed diets with different arginine levels. <i>Aquaculture</i> , 2015, 437, 84-91.	1.7	93