

# Zhi Luo

## List of Publications by Citations

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131  
papers

2,046  
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136  
ext. papers

2,621  
ext. citations

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avg, IF

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L-index

#	Paper	IF	Citations
131	Quantitative dietary zinc requirement of juvenile yellow catfish <i>Pelteobagrus fulvidraco</i> , and effects on hepatic intermediary metabolism and antioxidant responses. <i>Aquaculture</i> , <b>2011</b> , 319, 150-155	4.4	93
130	Differential effects of acute and chronic zinc (Zn) exposure on hepatic lipid deposition and metabolism in yellow catfish <i>Pelteobagrus fulvidraco</i> . <i>Aquatic Toxicology</i> , <b>2013</b> , 132-133, 173-81	5.1	76
129	Oxidative stress and mitochondrial dysfunction mediated Cd-induced hepatic lipid accumulation in zebrafish <i>Danio rerio</i> . <i>Aquatic Toxicology</i> , <b>2018</b> , 199, 12-20	5.1	68
128	Effects of waterborne chronic copper exposure on hepatic lipid metabolism and metal-element composition in <i>Synechogobius hasta</i> . <i>Archives of Environmental Contamination and Toxicology</i> , <b>2013</b> , 64, 301-15	3.2	63
127	Differential effect of waterborne cadmium exposure on lipid metabolism in liver and muscle of yellow catfish <i>Pelteobagrus fulvidraco</i> . <i>Aquatic Toxicology</i> , <b>2013</b> , 142-143, 380-6	5.1	61
126	Zinc reduces hepatic lipid deposition and activates lipophagy via Zn/MTF-1/PPAR $\alpha$ and Ca/CaMKK $\beta$ /AMPK pathways. <i>FASEB Journal</i> , <b>2018</b> , 32, fj201800463	0.9	55
125	Lipophagy mediated carbohydrate-induced changes of lipid metabolism via oxidative stress, endoplasmic reticulum (ER) stress and ChREBP/PPAR $\alpha$ pathways. <i>Cellular and Molecular Life Sciences</i> , <b>2020</b> , 77, 1987-2003	10.3	47
124	Differential effects of dietary copper deficiency and excess on lipid metabolism in yellow catfish <i>Pelteobagrus fulvidraco</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2015</b> , 184, 19-28	2.3	46
123	Dietary manganese requirement of juvenile yellow catfish <i>Pelteobagrus fulvidraco</i> , and effects on whole body mineral composition and hepatic intermediary metabolism. <i>Aquaculture</i> , <b>2012</b> , 326-329, 68-73	4.4	46
122	Characterization and tissue distribution of leptin, leptin receptor and leptin receptor overlapping transcript genes in yellow catfish <i>Pelteobagrus fulvidraco</i> . <i>General and Comparative Endocrinology</i> , <b>2013</b> , 182, 1-6	3	44
121	Molecular characterization, tissue distribution and kinetic analysis of carnitine palmitoyltransferase I in juvenile yellow catfish <i>Pelteobagrus fulvidraco</i> . <i>Genomics</i> , <b>2013</b> , 101, 195-203	4.3	42
120	Magnesium Reduces Hepatic Lipid Accumulation in Yellow Catfish ( <i>Pelteobagrus fulvidraco</i> ) and Modulates Lipogenesis and Lipolysis via PPAR $\alpha$ , JAK-STAT, and AMPK Pathways in Hepatocytes. <i>Journal of Nutrition</i> , <b>2017</b> , 147, 1070-1078	4.1	40
119	Effect of fish meal replacement by <i>Chlorella</i> meal with dietary cellulase addition on growth performance, digestive enzymatic activities, histology and myogenic genes expression for crucian carp <i>Carassius auratus</i> . <i>Aquaculture Research</i> , <b>2017</b> , 48, 3244-3256	1.9	38
118	Dietary L-carnitine supplementation increases lipid deposition in the liver and muscle of yellow catfish ( <i>Pelteobagrus fulvidraco</i> ) through changes in lipid metabolism. <i>British Journal of Nutrition</i> , <b>2014</b> , 112, 698-708	3.6	37
117	Effect of dietary conjugated linoleic acid (CLA) on growth performance, body composition and hepatic intermediary metabolism in juvenile yellow catfish <i>Pelteobagrus fulvidraco</i> . <i>Aquaculture</i> , <b>2010</b> , 310, 186-191	4.4	37
116	Apparent digestibility coefficients of selected feed ingredients for Chinese mitten crab <i>Eriocheir sinensis</i> . <i>Aquaculture</i> , <b>2008</b> , 285, 141-145	4.4	37
115	Regulation of insulin on lipid metabolism in freshly isolated hepatocytes from yellow catfish ( <i>Pelteobagrus fulvidraco</i> ). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2014</b> , 177-178, 21-8	2.3	36

114	Endoplasmic reticulum stress and disturbed calcium homeostasis are involved in copper-induced alteration in hepatic lipid metabolism in yellow catfish <i>Pelteobagrus fulvidraco</i> . <i>Chemosphere</i> , <b>2016</b> , 144, 2443-53	8.4	34
113	Zn Stimulates the Phospholipids Biosynthesis via the Pathways of Oxidative and Endoplasmic Reticulum Stress in the Intestine of Freshwater Teleost Yellow Catfish. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 9206-9214	10.3	33
112	Endoplasmic reticulum (ER) stress and cAMP/PKA pathway mediated Zn-induced hepatic lipolysis. <i>Environmental Pollution</i> , <b>2017</b> , 228, 256-264	9.3	30
111	Identification of autophagy related genes LC3 and ATG4 from yellow catfish <i>Pelteobagrus fulvidraco</i> and their transcriptional responses to waterborne and dietborne zinc exposure. <i>Chemosphere</i> , <b>2017</b> , 175, 228-238	8.4	29
110	Effects of dietary protein to carbohydrate ratios on growth and body composition of juvenile yellow catfish, <i>Pelteobagrus fulvidraco</i> (Siluriformes, Bagridae, <i>Pelteobagrus</i> ). <i>Aquaculture Research</i> , <b>2009</b> , 40, 1410-1418	1.9	28
109	Role and mechanism of the AMPK pathway in waterborne Zn exposure influencing the hepatic energy metabolism of <i>Synechogobius hasta</i> . <i>Scientific Reports</i> , <b>2016</b> , 6, 38716	4.9	28
108	Time-dependent effects of waterborne copper exposure influencing hepatic lipid deposition and metabolism in javelin goby <i>Synechogobius hasta</i> and their mechanism. <i>Aquatic Toxicology</i> , <b>2014</b> , 155, 291-300	5.1	27
107	Hormone-sensitive lipase in yellow catfish <i>Pelteobagrus fulvidraco</i> : molecular characterization, mRNA tissue expression and transcriptional regulation by leptin in vivo and in vitro. <i>General and Comparative Endocrinology</i> , <b>2014</b> , 206, 130-8	3	27
106	Effect of Dietary Fish Meal Replacement by Canola Meal on Growth Performance and Hepatic Intermediary Metabolism of Genetically Improved Farmed Tilapia Strain of Nile Tilapia, <i>Oreochromis niloticus</i> , Reared in Fresh Water. <i>Journal of the World Aquaculture Society</i> , <b>2012</b> , 43, 670-678	2.5	23
105	Partial replacement of fish meal by a mixture of soybean meal and rapeseed meal in practical diets for juvenile Chinese mitten crab <i>Eriocheir sinensis</i> : effects on growth performance and in vivo digestibility. <i>Aquaculture Research</i> , <b>2011</b> , 42, 1615-1622	1.9	23
104	Endoplasmic reticulum stress and dysregulation of calcium homeostasis mediate Cu-induced alteration in hepatic lipid metabolism of javelin goby <i>Synechogobius hasta</i> . <i>Aquatic Toxicology</i> , <b>2016</b> , 175, 20-9	5.1	22
103	Endoplasmic Reticulum Stress-Mediated Autophagy and Apoptosis Alleviate Dietary Fat-Induced Triglyceride Accumulation in the Intestine and in Isolated Intestinal Epithelial Cells of Yellow Catfish. <i>Journal of Nutrition</i> , <b>2019</b> , 149, 1732-1741	4.1	21
102	Different effects of dietary Zn deficiency and excess on lipid metabolism in yellow catfish <i>Pelteobagrus fulvidraco</i> . <i>Aquaculture</i> , <b>2015</b> , 435, 10-17	4.4	21
101	Upstream regulators of apoptosis mediates methionine-induced changes of lipid metabolism. <i>Cellular Signalling</i> , <b>2018</b> , 51, 176-190	4.9	21
100	Different effect of dietborne and waterborne Zn exposure on lipid deposition and metabolism in juvenile yellow catfish <i>Pelteobagrus fulvidraco</i> . <i>Aquatic Toxicology</i> , <b>2015</b> , 159, 90-8	5.1	20
99	Differential induction of enzymes and genes involved in lipid metabolism in liver and visceral adipose tissue of juvenile yellow catfish <i>Pelteobagrus fulvidraco</i> exposed to copper. <i>Aquatic Toxicology</i> , <b>2013</b> , 136-137, 72-8	5.1	20
98	Molecular cloning and tissue mRNA levels of 15 genes involved in lipid metabolism in <i>Synechogobius hasta</i> . <i>European Journal of Lipid Science and Technology</i> , <b>2015</b> , 117, 471-482	3	19
97	Effect of dietary choline levels on growth performance, lipid deposition and metabolism in juvenile yellow catfish <i>Pelteobagrus fulvidraco</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2016</b> , 202, 1-7	2.3	19

96	SREBP-1 and LXRE pathways mediated Cu-induced hepatic lipid metabolism in zebrafish <i>Danio rerio</i> . <i>Chemosphere</i> , <b>2019</b> , 215, 370-379	8.4	19
95	FXR-mediated inhibition of autophagy contributes to FA-induced TG accumulation and accordingly reduces FA-induced lipotoxicity. <i>Cell Communication and Signaling</i> , <b>2020</b> , 18, 47	7.5	18
94	Waterborne Cu exposure increased lipid deposition and lipogenesis by affecting Wnt/ $\beta$ -catenin pathway and the $\beta$ -catenin acetylation levels of grass carp <i>Ctenopharyngodon idella</i> . <i>Environmental Pollution</i> , <b>2020</b> , 263, 114420	9.3	18
93	Effects of copper and cadmium on lipogenic metabolism and metal element composition in the javelin goby ( <i>Synechogobius hasta</i> ) after single and combined exposure. <i>Archives of Environmental Contamination and Toxicology</i> , <b>2014</b> , 67, 167-80	3.2	18
92	Waterborne Zn influenced Zn uptake and lipid metabolism in two intestinal regions of juvenile goby <i>Synechogobius hasta</i> . <i>Ecotoxicology and Environmental Safety</i> , <b>2018</b> , 148, 578-584	7	17
91	Dietary zinc addition influenced zinc and lipid deposition in the fore- and mid-intestine of juvenile yellow catfish <i>Pelteobagrus fulvidraco</i> . <i>British Journal of Nutrition</i> , <b>2017</b> , 118, 570-579	3.6	16
90	miR-144 Mediates High Fat-Induced Changes of Cholesterol Metabolism via Direct Regulation of C/EBP $\beta$ in the Liver and Isolated Hepatocytes of Yellow Catfish. <i>Journal of Nutrition</i> , <b>2020</b> , 150, 464-474	4.1	16
89	Structure and Functional Analysis of Promoters from Two Liver Isoforms of CPT I in Grass Carp <i>Ctenopharyngodon idella</i> . <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	15
88	De novo characterization of the liver transcriptome of javelin goby <i>Synechogobius hasta</i> and analysis of its transcriptomic profile following waterborne copper exposure. <i>Fish Physiology and Biochemistry</i> , <b>2016</b> , 42, 979-94	2.7	15
87	Novel insights for SREBP-1 as a key transcription factor in regulating lipogenesis in a freshwater teleost, grass carp. <i>British Journal of Nutrition</i> , <b>2019</b> , 122, 1201-1211	3.6	15
86	Differential effects of the chronic and acute zinc exposure on carnitine composition, kinetics of carnitine palmitoyltransferases I (CPT I) and mRNA levels of CPT I isoforms in yellow catfish <i>Pelteobagrus fulvidraco</i> . <i>Chemosphere</i> , <b>2013</b> , 92, 616-25	8.4	15
85	Peroxisome proliferator-activated receptor gamma (PPAR $\gamma$ ) in yellow catfish <i>Pelteobagrus fulvidraco</i> : molecular characterization, mRNA expression and transcriptional regulation by insulin in vivo and in vitro. <i>General and Comparative Endocrinology</i> , <b>2015</b> , 212, 51-62	3	15
84	Effects of insulin and its related signaling pathways on lipid metabolism in the yellow catfish <i>Pelteobagrus fulvidraco</i> . <i>Journal of Experimental Biology</i> , <b>2015</b> , 218, 3083-90	3	14
83	SREBP1, PPAR $\gamma$ and AMPK pathways mediated the Cu-induced change in intestinal lipogenesis and lipid transport of yellow catfish <i>Pelteobagrus fulvidraco</i> . <i>Food Chemistry</i> , <b>2018</b> , 269, 595-602	8.5	14
82	Identification of apoptosis-related genes Bcl2 and Bax from yellow catfish <i>Pelteobagrus fulvidraco</i> and their transcriptional responses to waterborne and dietborne zinc exposure. <i>Gene</i> , <b>2017</b> , 633, 1-8	3.8	14
81	Peroxisome proliferator-activated receptor alpha1 in yellow catfish <i>Pelteobagrus fulvidraco</i> : molecular characterization, mRNA tissue expression and transcriptional regulation by insulin in vivo and in vitro. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2015</b> , 183, 58-66	2.3	14
80	Apparent digestibility coefficients of four feed ingredients for <i>Synechogobius hasta</i> . <i>Aquaculture Research</i> , <b>2009</b> , 40, 558-565	1.9	14
79	Effects and mechanisms of waterborne copper exposure influencing ovary development and related hormones secretion in yellow catfish <i>Pelteobagrus fulvidraco</i> . <i>Aquatic Toxicology</i> , <b>2016</b> , 178, 88-98	5.1	14

78	PPAR $\alpha$ and SREBP-1 pathways mediated waterborne iron (Fe)-induced reduction in hepatic lipid deposition of javelin goby <i>Synechogobius hasta</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2017</b> , 197, 8-18	3.2	13
77	Dietary fenofibrate reduces hepatic lipid deposition by regulating lipid metabolism in yellow catfish <i>Pelteobagrus fulvidraco</i> exposed to waterborne Zn. <i>Lipids</i> , <b>2015</b> , 50, 417-26	1.6	13
76	Protective effects of calcium pre-exposure against waterborne cadmium toxicity in <i>Synechogobius hasta</i> . <i>Archives of Environmental Contamination and Toxicology</i> , <b>2013</b> , 65, 105-21	3.2	13
75	Effect and mechanism of waterborne prolonged Zn exposure influencing hepatic lipid metabolism in javelin goby <i>Synechogobius hasta</i> . <i>Journal of Applied Toxicology</i> , <b>2016</b> , 36, 886-95	4.1	13
74	Fishmeal can be totally replaced by a mixture of rapeseed meal and <i>Chlorella</i> meal in diets for crucian carp ( <i>Carassius auratus gibelio</i> ). <i>Aquaculture Research</i> , <b>2017</b> , 48, 5481-5489	1.9	12
73	Creb-Pgc1 $\alpha$ pathway modulates the interaction between lipid droplets and mitochondria and influences high fat diet-induced changes of lipid metabolism in the liver and isolated hepatocytes of yellow catfish. <i>Journal of Nutritional Biochemistry</i> , <b>2020</b> , 80, 108364	6.3	11
72	Effect of dietary conjugated linoleic acid levels on growth performance, muscle fatty acid profile, hepatic intermediary metabolism and antioxidant responses in genetically improved farmed Tilapia strain of Nile tilapia <i>Oreochromis niloticus</i> . <i>Aquaculture Research</i> , <b>2012</b> , 43, 1392-1403	1.9	11
71	Effect of partial replacement of fish meal with soybean meal and feeding frequency on growth, feed utilization and body composition of juvenile Chinese sucker, <i>Myxocyprinus asiaticus</i> (Bleeker). <i>Aquaculture Research</i> , <b>2013</b> , 44, 388-394	1.9	11
70	Oxidized fish oils increased lipid deposition via oxidative stress-mediated mitochondrial dysfunction and the CREB1-Bcl2-Beclin1 pathway in the liver tissues and hepatocytes of yellow catfish. <i>Food Chemistry</i> , <b>2021</b> , 360, 129814	8.5	11
69	Characterization and mechanism of phosphoinositide 3-kinases (PI3Ks) members in insulin-induced changes of protein metabolism in yellow catfish <i>Pelteobagrus fulvidraco</i> . <i>General and Comparative Endocrinology</i> , <b>2017</b> , 247, 34-45	3	10
68	Effects of waterborne Cu exposure on intestinal copper transport and lipid metabolism of <i>Synechogobius hasta</i> . <i>Aquatic Toxicology</i> , <b>2016</b> , 178, 171-81	5.1	10
67	Carnitine palmitoyltransferase I gene in <i>Synechogobius hasta</i> : Cloning, mRNA expression and transcriptional regulation by insulin in vitro. <i>Gene</i> , <b>2016</b> , 576, 429-40	3.8	10
66	Molecular cloning and mRNA tissue expression of thyroid hormone receptors in yellow catfish <i>Pelteobagrus fulvidraco</i> and Javelin goby <i>Synechogobius hasta</i> . <i>Gene</i> , <b>2014</b> , 536, 232-7	3.8	10
65	Functional analysis of MTF-1 and MT promoters and their transcriptional response to zinc (Zn) and copper (Cu) in yellow catfish <i>Pelteobagrus fulvidraco</i> . <i>Chemosphere</i> , <b>2020</b> , 246, 125792	8.4	10
64	Effect of waterborne copper on lipid metabolism in hepatopancreas and muscle of grass carp <i>Ctenopharyngodon idella</i> . <i>Aquaculture Research</i> , <b>2017</b> , 48, 1458-1468	1.9	9
63	Differential effects of dietary Cu deficiency and excess on carnitine status, kinetics and expression of CPT I in liver and muscle of yellow catfish <i>Pelteobagrus fulvidraco</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2015</b> , 188, 24-30	2.3	9
62	Waterborne copper exposure up-regulated lipid deposition through the methylation of GRP78 and PGC1 $\alpha$ of grass carp <i>Ctenopharyngodon idella</i> . <i>Ecotoxicology and Environmental Safety</i> , <b>2020</b> , 205, 111089	7	9
61	Effects of replacement of dietary rapeseed meal by distiller's dried grains with solubles (DDGS) on growth performance, muscle texture, health and expression of muscle-related genes in grass carp ( <i>Ctenopharyngodon idellus</i> ). <i>Aquaculture</i> , <b>2021</b> , 533, 736169	4.4	9

60	MiR-205 Mediated Cu-Induced Lipid Accumulation in Yellow Catfish. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	9
59	Endoplasmic Reticulum Stress-Related Genes in Yellow Catfish <i>Pelteobagrus fulvidraco</i> : Molecular Characterization, Tissue Expression, and Expression Responses to Dietary Copper Deficiency and Excess. <i>G3: Genes, Genomes, Genetics</i> , <b>2015</b> , 5, 2091-104	3.2	8
58	Dietary Glucose Increases Glucose Absorption and Lipid Deposition via SGLT1/2 Signaling and Acetylated ChREBP in the Intestine and Isolated Intestinal Epithelial Cells of Yellow Catfish. <i>Journal of Nutrition</i> , <b>2020</b> , 150, 1790-1798	4.1	8
57	Characterization and expression analysis of seven selenoprotein genes in yellow catfish <i>Pelteobagrus fulvidraco</i> to dietary selenium levels. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2020</b> , 62, 126600	4.1	8
56	Five metal elements homeostasis-related genes in <i>Synechogobius hasta</i> : Molecular characterization, tissue expression and transcriptional response to Cu and Fe exposure. <i>Chemosphere</i> , <b>2016</b> , 159, 392-402	8.4	8
55	Dietary l-lysine requirement of juvenile Chinese sucker, <i>Myxocyprinus asiaticus</i> . <i>Aquaculture Research</i> , <b>2013</b> , 44, 1539-1549	1.9	8
54	Ontogenetic Development of the Digestive System in Agastric Chinese Sucker, <i>Myxocyprinus asiaticus</i> , Larvae. <i>Journal of the World Aquaculture Society</i> , <b>2013</b> , 44, 350-362	2.5	8
53	Effects of calcium and copper exposure on lipogenic metabolism, metal element compositions and histology in <i>Synechogobius hasta</i> . <i>Fish Physiology and Biochemistry</i> , <b>2013</b> , 39, 1641-56	2.7	8
52	Replacement of Fishmeal by a Mixture of Soybean Meal and Chlorella Meal in Practical Diets for Juvenile Crucian Carp, <i>Carassius auratus</i> . <i>Journal of the World Aquaculture Society</i> , <b>2017</b> , 48, 770-781	2.5	7
51	Effects of Fat and Fatty Acids on the Formation of Autolysosomes in the Livers from Yellow Catfish <i>Pelteobagrus Fulvidraco</i> . <i>Genes</i> , <b>2019</b> , 10,	4.2	7
50	Effects of waterborne copper exposure on carnitine composition, kinetics of carnitine palmitoyltransferases I (CPT I) and mRNA levels of CPT I isoforms in yellow catfish <i>Pelteobagrus fulvidraco</i> . <i>Chemosphere</i> , <b>2015</b> , 139, 349-57	8.4	7
49	Three unsaturated fatty acid biosynthesis-related genes in yellow catfish <i>Pelteobagrus fulvidraco</i> : Molecular characterization, tissue expression and transcriptional regulation by leptin. <i>Gene</i> , <b>2015</b> , 563, 1-9	3.8	7
48	Nano-Zn Increased Zn Accumulation and Triglyceride Content by Up-Regulating Lipogenesis in Freshwater Teleost, Yellow Catfish. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	7
47	Six indicator genes for zinc (Zn) homeostasis in freshwater teleost yellow catfish <i>Pelteobagrus fulvidraco</i> : molecular characterization, mRNA tissue expression and transcriptional changes to Zn exposure. <i>BioMetals</i> , <b>2018</b> , 31, 527-537	3.4	7
46	Cloning, mRNA expression and transcriptional regulation of five retinoid X receptor subtypes in yellow catfish <i>Pelteobagrus fulvidraco</i> by insulin. <i>General and Comparative Endocrinology</i> , <b>2016</b> , 225, 133-141	3	7
45	Chlorella additive increased growth performance, improved appetite and immune response of juvenile crucian carp <i>Carassius auratus</i> . <i>Aquaculture Research</i> , <b>2018</b> , 49, 3329-3337	1.9	7
44	Functional Analysis of Promoters from Three Subtypes of the PI3K Family and Their Roles in the Regulation of Lipid Metabolism by Insulin in Yellow Catfish <i>Pelteobagrus fulvidraco</i> . <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	7
43	Identification of eight copper (Cu) uptake related genes from yellow catfish <i>Pelteobagrus fulvidraco</i> , and their tissue expression and transcriptional responses to dietborne Cu exposure. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2017</b> , 44, 256-265	4.1	7

42	Fe reduced hepatic lipid deposition in <i>Synechogobius hasta</i> exposed to waterborne Cu. <i>Aquatic Toxicology</i> , <b>2016</b> , 174, 134-45	5.1	6
41	Mitochondrial apoptotic pathway mediated the Zn-induced lipolysis in yellow catfish <i>Pelteobagrus fulvidraco</i> . <i>Chemosphere</i> , <b>2018</b> , 208, 907-915	8.4	6
40	Differential effects of acute and chronic zinc exposure on lipid metabolism in three extrahepatic tissues of juvenile yellow catfish <i>Pelteobagrus fulvidraco</i> . <i>Fish Physiology and Biochemistry</i> , <b>2014</b> , 40, 1349-59	2.7	6
39	Dietary methimazole-induced hypothyroidism reduces hepatic lipid deposition by down-regulating lipogenesis and up-regulating lipolysis in <i>Pelteobagrus fulvidraco</i> . <i>General and Comparative Endocrinology</i> , <b>2015</b> , 217-218, 28-36	3	6
38	Molecular characterization of ten zinc (Zn) transporter genes and their regulation to Zn metabolism in freshwater teleost yellow catfish <i>Pelteobagrus fulvidraco</i> . <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2020</b> , 59, 126433	4.1	6
37	Zn Induces Lipophagy via the Deacetylation of Beclin1 and Alleviates Cu-Induced Lipotoxicity at Their Environmentally Relevant Concentrations. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 4943-4953	10.3	6
36	Identification of 10 SUMOylation-Related Genes From Yellow Catfish , and Their Transcriptional Responses to Carbohydrate Addition and. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 1544	4.6	6
35	Characterization of twelve autophagy-related genes from yellow catfish <i>Pelteobagrus fulvidraco</i> and their transcriptional responses to waterborne zinc exposure. <i>Ecological Indicators</i> , <b>2018</b> , 93, 677-686	5.8	5
34	Copper (Cu) induced changes of lipid metabolism through oxidative stress-mediated autophagy and Nrf2/PPAR $\alpha$ pathways. <i>Journal of Nutritional Biochemistry</i> , <b>2021</b> , 108883	6.3	5
33	Liver X Receptor (LXR) in yellow catfish <i>Pelteobagrus fulvidraco</i> : Molecular characterization, mRNA tissue expression and transcriptional regulation by insulin in vivo and in vitro. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2016</b> , 191, 13-9	2.3	4
32	In vitro effects of selenium on copper-induced changes in lipid metabolism of grass carp ( <i>Ctenopharyngodon idellus</i> ) hepatocytes. <i>Archives of Environmental Contamination and Toxicology</i> , <b>2014</b> , 67, 252-60	3.2	4
31	Effect of dietary phosphorus on the growth and body components of juvenile <i>Synechogobius hasta</i> . <i>Journal of Ocean University of China</i> , <b>2009</b> , 8, 65-70	1	4
30	Effect of dietary cadmium level on the growth, body composition and several hepatic enzymatic activities of juvenile yellow catfish, <i>Pelteobagrus fulvidraco</i> . <i>Aquaculture Research</i> , <b>2009</b> , 41, 1022	1.9	4
29	Effects of feeding levels on growth performance, feed utilization, body composition and apparent digestibility coefficients of nutrients for juvenile Chinese sucker, <i>Myxocyprinus asiaticus</i> . <i>Aquaculture Research</i> , <b>2009</b> , 41, 1030	1.9	4
28	Mitochondrial oxidative stress mediated Fe-induced ferroptosis via the NRF2-ARE pathway.. <i>Free Radical Biology and Medicine</i> , <b>2022</b> , 180, 95-107	7.8	4
27	Dietary Marginal and Excess Selenium Increased Triglycerides Deposition, Induced Endoplasmic Reticulum Stress and Differentially Influenced Selenoproteins Expression in the Anterior and Middle Intestines of Yellow Catfish. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	4
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15	Transcriptional responses of four slc30a/znt family members and their roles in Zn homeostatic modulation in yellow catfish <i>Pelteobagrus fulvidraco</i> . <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , <b>2021</b> , 1864, 194723	6	2
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