

# Zhi Luo

## List of Publications by Year in descending order

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136  
papers

3,343  
citations

136740

32  
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214527

47  
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136  
all docs

136  
docs citations

136  
times ranked

1854  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative dietary zinc requirement of juvenile yellow catfish <i>Pelteobagrus fulvidraco</i> , and effects on hepatic intermediary metabolism and antioxidant responses. <i>Aquaculture</i> , 2011, 319, 150-155.	1.7	121
2	Oxidative stress and mitochondrial dysfunction mediated Cd-induced hepatic lipid accumulation in zebrafish <i>Danio rerio</i> . <i>Aquatic Toxicology</i> , 2018, 199, 12-20.	1.9	113
3	Lipophagy mediated carbohydrate-induced changes of lipid metabolism via oxidative stress, endoplasmic reticulum (ER) stress and ChREBP/PPAR $\beta$ pathways. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 1987-2003.	2.4	108
4	Zinc reduces hepatic lipid deposition and activates lipophagy via Zn <sup>2+</sup> /MTF1/PPAR $\alpha$ and Ca <sup>2+</sup> /CaMKK2/AMPK pathways. <i>FASEB Journal</i> , 2018, 32, 6666-6680.	0.2	99
5	Mitochondrial oxidative stress mediated Fe-induced ferroptosis via the NRF2-ARE pathway. <i>Free Radical Biology and Medicine</i> , 2022, 180, 95-107.	1.3	97
6	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> , 2013, 132-133, 173-181.	1.9	90
7	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> , 2013, 64, 301-315.	2.1	85
8	Differential effect of waterborne cadmium exposure on lipid metabolism in liver and muscle of yellow catfish <i>Pelteobagrus fulvidraco</i> . <i>Aquatic Toxicology</i> , 2013, 142-143, 380-386.	1.9	78
9	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> , 2017, 48, 3244-3256.	0.9	64
10	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> , 2012, 326-329, 68-73.	1.7	63
11	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> , 2016, 144, 2443-2453.	4.2	57
12	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> , 2015, 184, 19-28.	0.7	54
13	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> , 2014, 112, 698-708.	1.2	53
14	Magnesium Reduces Hepatic Lipid Accumulation in Yellow Catfish ( <i>Pelteobagrus fulvidraco</i> ) and Modulates Lipogenesis and Lipolysis via PPARA, JAK-STAT, and AMPK Pathways in Hepatocytes. <i>Journal of Nutrition</i> , 2017, 147, 1070-1078.	1.3	53
15	Endoplasmic reticulum (ER) stress and cAMP/PKA pathway mediated Zn-induced hepatic lipolysis. <i>Environmental Pollution</i> , 2017, 228, 256-264.	3.7	52
16	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> , 2018, 52, 9206-9214.	4.6	51
17	Apparent digestibility coefficients of selected feed ingredients for Chinese mitten crab <i>Eriocheir sinensis</i> . <i>Aquaculture</i> , 2008, 285, 141-145.	1.7	50
18	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> , 2013, 182, 1-6.	0.8	47

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19	Molecular characterization, tissue distribution and kinetic analysis of carnitine palmitoyltransferase I in juvenile yellow catfish <i>Pelteobagrus fulvidraco</i> . <i>Genomics</i> , 2013, 101, 195-203.	1.3	44
20	Copper (Cu) induced changes of lipid metabolism through oxidative stress-mediated autophagy and Nrf2/PPAR $\beta$ pathways. <i>Journal of Nutritional Biochemistry</i> , 2022, 100, 108883.	1.9	42
21	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> , 2014, 177-178, 21-28.	0.7	41
22	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> , 2020, 263, 114420.	3.7	40
23	Mitochondria-Dependent Oxidative Stress Mediates ZnO Nanoparticle (ZnO NP)-Induced Mitophagy and Lipotoxicity in Freshwater Teleost Fish. <i>Environmental Science &amp; Technology</i> , 2022, 56, 2407-2420.	4.6	39
24	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> , 2010, 310, 186-191.	1.7	38
25	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> , 2014, 155, 291-300.	1.9	38
26	SREBP-1 and LXR $\alpha$ pathways mediated Cu-induced hepatic lipid metabolism in zebrafish <i>Danio rerio</i> . <i>Chemosphere</i> , 2019, 215, 370-379.	4.2	38
27	Upstream regulators of apoptosis mediates methionine-induced changes of lipid metabolism. <i>Cellular Signalling</i> , 2018, 51, 176-190.	1.7	37
28	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> , 2019, 149, 1732-1741.	1.3	37
29	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> , 2017, 175, 228-238.	4.2	35
30	FXR-mediated inhibition of autophagy contributes to FA-induced TG accumulation and accordingly reduces FA-induced lipotoxicity. <i>Cell Communication and Signaling</i> , 2020, 18, 47.	2.7	35
31	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> , 2009, 40, 1410-1418.	0.9	34
32	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> , 2016, 6, 38716.	1.6	34
33	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> , 2014, 206, 130-138.	0.8	33
34	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> , 2021, 360, 129814.	4.2	33
35	Environmentally relevant concentrations of oxytetracycline and copper increased liver lipid deposition through inducing oxidative stress and mitochondria dysfunction in grass carp <i>Ctenopharyngodon idella</i> . <i>Environmental Pollution</i> , 2021, 283, 117079.	3.7	32
36	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> , 2011, 42, 1615-1622.	0.9	30

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37	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> , 2016, 175, 20-29.	1.9	30
38	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> , 2016, 202, 1-7.	0.7	29
39	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> , 2020, 80, 108364.	1.9	29
40	Zn Induces Lipophagy via the Deacetylation of Beclin1 and Alleviates Cu-Induced Lipotoxicity at Their Environmentally Relevant Concentrations. <i>Environmental Science &amp; Technology</i> , 2021, 55, 4943-4953.	4.6	29
41	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> , 2012, 43, 670-678.	1.2	28
42	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> , 2013, 136-137, 72-78.	1.9	28
43	Different effects of dietary Zn deficiency and excess on lipid metabolism in yellow catfish <i>Pelteobagrus fulvidraco</i> . <i>Aquaculture</i> , 2015, 435, 10-17.	1.7	27
44	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> , 2017, 18, 2405.	1.8	26
45	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> , 2020, 246, 125792.	4.2	26
46	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> , 2021, 533, 736169.	1.7	26
47	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> , 2014, 67, 167-180.	2.1	24
48	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> , 2015, 117, 471-482.	1.0	24
49	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> , 2018, 148, 578-584.	2.9	24
50	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> , 2015, 159, 90-98.	1.9	23
51	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> , 2016, 178, 88-98.	1.9	23
52	Novel insights for SREBP-1 as a key transcription factor in regulating lipogenesis in a freshwater teleost, grass carp <i>Ctenopharyngodon idella</i> . <i>British Journal of Nutrition</i> , 2019, 122, 1201-1211.	1.2	23
53	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> , 2017, 118, 570-579.	1.2	22
54	miR-144 Mediates High Fat-Induced Changes of Cholesterol Metabolism via Direct Regulation of C/EBP $\alpha$ in the Liver and Isolated Hepatocytes of Yellow Catfish. <i>Journal of Nutrition</i> , 2020, 150, 464-474.	1.3	22

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55	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> , 2015, 212, 51-62.	0.8	21
56	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> , 2016, 42, 979-994.	0.9	21
57	PPAR $\alpha$ , PPAR $\gamma$ 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> , 2017, 197, 8-18.	1.3	21
58	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> , 2017, 633, 1-8.	1.0	21
59	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> , 2018, 269, 595-602.	4.2	21
60	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> , 2020, 205, 111089.	2.9	21
61	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> , 2020, 150, 1790-1798.	1.3	21
62	Effects of waterborne Cu exposure on intestinal copper transport and lipid metabolism of <i>Synechogobius hasta</i> . <i>Aquatic Toxicology</i> , 2016, 178, 171-181.	1.9	20
63	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> , 2017, 48, 5481-5489.	0.9	20
64	Waterborne enrofloxacin exposure activated oxidative stress and MAPK pathway, induced apoptosis and resulted in immune dysfunction in the gills of yellow catfish <i>Pelteobagrus fulvidraco</i> . <i>Aquaculture</i> , 2022, 547, 737541.	1.7	20
65	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> , 2020, 62, 126600.	1.5	18
66	Iron increases lipid deposition via oxidative stress-mediated mitochondrial dysfunction and the HIF1 $\alpha$ -PPAR $\gamma$ pathway. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, .	2.4	18
67	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> , 2013, 92, 616-625.	4.2	17
68	Effect and the related signaling pathways of insulin influencing lipid metabolism in yellow catfish <i>Pelteobagrus fulvidraco</i> . <i>Journal of Experimental Biology</i> , 2015, 218, 3083-90.	0.8	17
69	Protective Effects of Calcium Pre-Exposure Against Waterborne Cadmium Toxicity in <i>Synechogobius hasta</i> . <i>Archives of Environmental Contamination and Toxicology</i> , 2013, 65, 105-121.	2.1	16
70	Dietary Fenofibrate Reduces Hepatic Lipid Deposition by Regulating Lipid Metabolism in Yellow Catfish <i>Pelteobagrus fulvidraco</i> Exposed to Waterborne Zn. <i>Lipids</i> , 2015, 50, 417-426.	0.7	16
71	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> , 2017, 247, 34-45.	0.8	16
72	Nano-Zn Increased Zn Accumulation and Triglyceride Content by Up-Regulating Lipogenesis in Freshwater Teleost, Yellow Catfish <i>Pelteobagrus fulvidraco</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 1615.	1.8	16

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73	Apparent digestibility coefficients of four feed ingredients for <i>Synechogobius hasta</i> . <i>Aquaculture Research</i> , 2009, 40, 558-565.	0.9	15
74	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> , 2012, 43, 1392-1403.	0.9	15
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> , 2016, 36, 886-895.	1.4	15
76	<i>Chlorella</i> additive increased growth performance, improved appetite and immune response of juvenile crucian carp <i>Carassius auratus</i> . <i>Aquaculture Research</i> , 2018, 49, 3329-3337.	0.9	15
77	Sirt3-Sod2-mROS-Mediated Manganese Triggered Hepatic Mitochondrial Dysfunction and Lipotoxicity in a Freshwater Teleost. <i>Environmental Science &amp; Technology</i> , 2022, 56, 8020-8033.	4.6	15
78	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> , 2013, 44, 388-394.	0.9	14
79	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> , 2015, 183, 58-66.	0.7	14
80	Effect of waterborne copper on lipid metabolism in hepatopancreas and muscle of grass carp <i>Ctenopharyngodon idella</i> . <i>Aquaculture Research</i> , 2017, 48, 1458-1468.	0.9	14
81	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> , 2017, 44, 256-265.	1.5	14
82	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> , 2020, 59, 126433.	1.5	14
83	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>Pelteobagrus fulvidraco</i> . <i>Antioxidants</i> , 2021, 10, 535.	2.2	14
84	Methionine-chelated Zn promotes anabolism by integrating mTOR signal and autophagy pathway in juvenile yellow catfish. <i>Journal of Trace Elements in Medicine and Biology</i> , 2021, 65, 126732.	1.5	14
85	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> , 2015, 5, 2091-2104.	0.8	13
86	Manganese-Induced Oxidative Stress Contributes to Intestinal Lipid Deposition via the Deacetylation of PPAR $\beta$ at K339 by SIRT1. <i>Antioxidants and Redox Signaling</i> , 2022, 37, 417-436.	2.5	13
87	Dietary lysine requirement of juvenile Chinese sucker, <i>Myxocyprinus asiaticus</i> . <i>Aquaculture Research</i> , 2013, 44, 1539-1549.	0.9	12
88	Carnitine palmitoyltransferase I gene in <i>Synechogobius hasta</i> : Cloning, mRNA expression and transcriptional regulation by insulin in vitro. <i>Gene</i> , 2016, 576, 429-440.	1.0	11
89	Replacement of Fishmeal by a Mixture of Soybean Meal and <i>Chlorella</i> Meal in Practical Diets for Juvenile Crucian Carp, <i>Carassius auratus</i> . <i>Journal of the World Aquaculture Society</i> , 2017, 48, 770-781.	1.2	11
90	Lipophagy mediated glucose-induced changes of lipid deposition and metabolism via ROS dependent AKT-Beclin1 activation. <i>Journal of Nutritional Biochemistry</i> , 2022, 100, 108882.	1.9	11



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91	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> , 2014, 536, 232-237.	1.0	10
92	Fe reduced hepatic lipid deposition in <i>Synechogobius hasta</i> exposed to waterborne Cu. <i>Aquatic Toxicology</i> , 2016, 174, 134-145.	1.9	10
93	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> , 2016, 225, 133-141.	0.8	10
94	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> , 2018, 31, 527-537.	1.8	10
95	MiR-205 Mediated Cu-Induced Lipid Accumulation in Yellow Catfish <i>Pelteobagrus fulvidraco</i> . <i>International Journal of Molecular Sciences</i> , 2018, 19, 2980.	1.8	10
96	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> , 2018, 19, 265.	1.8	10
97	Effects of replacement of dietary cottonseed meal by distiller's dried grains with solubles on growth performance, muscle texture, health and expression of muscle-related genes in grass carp ( <i>Cyprinus carpio</i> ). <i>Trends in Food Science and Technology</i> , 2019, 91, 107-114.	1.0	10
98	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> , 2009, 41, 1022.	0.9	9
99	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> , 2009, 41, 1030.	0.9	9
100	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> , 2013, 39, 1641-1656.	0.9	9
101	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> , 2015, 217-218, 28-36.	0.8	9
102	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> , 2015, 139, 349-357.	4.2	9
103	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> , 2015, 188, 24-30.	0.7	9
104	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> , 2015, 563, 1-9.	1.0	9
105	Mitochondrial apoptotic pathway mediated the Zn-induced lipolysis in yellow catfish <i>Pelteobagrus fulvidraco</i> . <i>Chemosphere</i> , 2018, 208, 907-915.	4.2	9
106	Effects of Fat and Fatty Acids on the Formation of Autolysosomes in the Livers from Yellow Catfish <i>Pelteobagrus Fulvidraco</i> . <i>Genes</i> , 2019, 10, 751.	1.0	9
107	Transcriptional responses of four <i>slc30a/znt</i> 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> , 2021, 1864, 194723.	0.9	9
108	Dietary Nano-ZnO Is Absorbed via Endocytosis and ZIP Pathways, Upregulates Lipogenesis, and Induces Lipotoxicity in the Intestine of Yellow Catfish. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12047.	1.8	9

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109	Ontogenetic Development of the Digestive System in Agastric Chinese Sucker, <i>Myxocyprinus asiaticus</i> , Larvae. <i>Journal of the World Aquaculture Society</i> , 2013, 44, 350-362.	1.2	8
110	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> , 2014, 40, 1349-1359.	0.9	8
111	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> , 2016, 159, 392-402.	4.2	8
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