

Zhi Luo

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.

131
papers

2,046
citations

25
h-index

37
g-index

136
ext. papers

2,621
ext. citations

4.7
avg, IF

5.2
L-index

#	Paper	IF	Citations
131	Mitochondria-Dependent Oxidative Stress Mediates ZnO Nanoparticle (ZnO NP)-Induced Mitophagy and Lipotoxicity in Freshwater Teleost Fish.. <i>Environmental Science & Technology</i> , 2022 ,	10.3	3
130	Mitochondrial oxidative stress mediated Fe-induced ferroptosis via the NRF2-ARE pathway.. <i>Free Radical Biology and Medicine</i> , 2022 , 180, 95-107	7.8	4
129	Physiological and transcriptomic analyses reveal the toxicological mechanism and risk assessment of environmentally-relevant waterborne tetracycline exposure on the gills of tilapia (<i>Oreochromis niloticus</i>). <i>Science of the Total Environment</i> , 2022 , 806, 151290	10.2	1
128	Dietary Phosphorus Reduced Hepatic Lipid Deposition by Activating Ampk Pathway and Beclin1 Phosphorylation Levels to Activate Lipophagy in Tilapia .. <i>Frontiers in Nutrition</i> , 2022 , 9, 841187	6.2	1
127	HSF1-SELENOS pathway mediated dietary inorganic Se-induced lipogenesis via the up-regulation of PPAR α expression in yellow catfish.. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2022 , 194802	6	0
126	Selenoprotein F (SELENOF)-mediated AKT1-FOXO3a-PYGL axis contributes to selenium supranutrition-induced glycogenolysis and lipogenesis.. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2022 , 194814	6	1
125	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,	6.3	1
124	Lipophagy mediated glucose-induced changes of lipid deposition and metabolism via ROS dependent AKT-Beclin1 activation. <i>Journal of Nutritional Biochemistry</i> , 2021 , 108882	6.3	1
123	Copper (Cu) induced changes of lipid metabolism through oxidative stress-mediated autophagy and Nrf2/PPAR β pathways. <i>Journal of Nutritional Biochemistry</i> , 2021 , 108883	6.3	5
122	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> , 2021 , 10,	7.1	4
121	Zn Induces Lipophagy via the Deacetylation of Beclin1 and Alleviates Cu-Induced Lipotoxicity at Their Environmentally Relevant Concentrations. <i>Environmental Science & Technology</i> , 2021 , 55, 4943-4953	10.3	6
120	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>Ctenopharyngodon idellus</i>). <i>Aquaculture Nutrition</i> , 2021 , 27, 1255-1266	3.2	4
119	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	4.1	3
118	Dietary selenium sources differentially regulate selenium concentration, mRNA and protein expression of representative selenoproteins in various tissues of yellow catfish. <i>British Journal of Nutrition</i> , 2021 , 1-13	3.6	0
117	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	4.4	9
116	Phospholipase C signal mediated the glucose-induced changes of glucose absorption and lipid accumulation in the intestinal epithelial cells of yellow catfish. <i>British Journal of Nutrition</i> , 2021 , 126, 1601-1610	3.6	
115	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	9.3	4

114	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> , 2021 , 1864, 194723	6	2
113	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	8.5	11
112	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> , 2021 , 547, 737541	4.4	2
111	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	4.1	8
110	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	7.5	18
109	Nano-Zn Increased Zn Accumulation and Triglyceride Content by Up-Regulating Lipogenesis in Freshwater Teleost, Yellow Catfish. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	7
108	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	4.1	8
107	Six members of SLC30A/ZnTs family related with the control of zinc homeostasis: Characterization, mRNA expression and their responses to dietary ZnO nanoparticles in yellow catfish. <i>Aquaculture</i> , 2020 , 528, 735570	4.4	3
106	Creb-Pgc1 β 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	6.3	11
105	Waterborne Cu exposure increased lipid deposition and lipogenesis by affecting Wnt/ β catenin pathway and the β catenin acetylation levels of grass carp <i>Ctenopharyngodon idella</i> . <i>Environmental Pollution</i> , 2020 , 263, 114420	9.3	18
104	miR-144 Mediates High Fat-Induced Changes of Cholesterol Metabolism via Direct Regulation of C/EBP β in the Liver and Isolated Hepatocytes of Yellow Catfish. <i>Journal of Nutrition</i> , 2020 , 150, 464-474	4.1	16
103	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	4.1	6
102	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	8.4	10
101	Waterborne copper exposure up-regulated lipid deposition through the methylation of GRP78 and PGC1 β in grass carp <i>Ctenopharyngodon idella</i> . <i>Ecotoxicology and Environmental Safety</i> , 2020 , 205, 111089 ⁷		9
100	Isolation and Characterization of Three Sodium-Phosphate Cotransporter Genes and Their Transcriptional Regulation in the Grass Carp. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	3
99	miR-101b Regulates Lipid Deposition and Metabolism of Primary Hepatocytes in Teleost Yellow Catfish. <i>Genes</i> , 2020 , 11,	4.2	2
98	Functional Analysis of Two Zinc (Zn) Transporters (and) Promoters and Their Distinct Response to and in the Regulation of Zn Metabolism. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	1
97	Lipophagy mediated carbohydrate-induced changes of lipid metabolism via oxidative stress, endoplasmic reticulum (ER) stress and ChREBP/PPAR β pathways. <i>Cellular and Molecular Life Sciences</i> , 2020 , 77, 1987-2003	10.3	47

96	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,	4.2	7
95	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	4.1	21
94	Identification of five genes in endoplasmic reticulum (ER) stress-apoptosis pathways in yellow catfish <i>Pelteobagrus fulvidraco</i> and their transcriptional responses to dietary lipid levels. <i>Fish Physiology and Biochemistry</i> , 2019 , 45, 1117-1127	2.7	0
93	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> , 2019 , 122, 1201-1211	3.6	15
92	Identification of Five Key Genes Involved in Intrinsic Apoptotic Pathway From Yellow Catfish and Their Transcriptional Responses to High Fat Diet (HFD). <i>Frontiers in Physiology</i> , 2019 , 10, 921	4.6	2
91	SREBP-1 and LXRI pathways mediated Cu-induced hepatic lipid metabolism in zebrafish <i>Danio rerio</i> . <i>Chemosphere</i> , 2019 , 215, 370-379	8.4	19
90	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	3.4	7
89	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	5.1	68
88	Chlorella 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	1.9	7
87	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 & Technology</i> , 2018 , 52, 9206-9214	10.3	33
86	Zinc reduces hepatic lipid deposition and activates lipophagy via Zn/MTF-1/PPAR α and Ca/CaMKK β /AMPK pathways. <i>FASEB Journal</i> , 2018 , 32, fj201800463	0.9	55
85	SREBP1, PPARG 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	8.5	14
84	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,	6.3	7
83	CREB element is essential for unfolded protein response (UPR) mediating the Cu-induced changes of hepatic lipogenic metabolism in Chinese yellow catfish (<i>Pelteobagrus fulvidraco</i>). <i>Aquatic Toxicology</i> , 2018 , 203, 69-79	5.1	3
82	Upstream regulators of apoptosis mediates methionine-induced changes of lipid metabolism. <i>Cellular Signalling</i> , 2018 , 51, 176-190	4.9	21
81	Mitochondrial apoptotic pathway mediated the Zn-induced lipolysis in yellow catfish <i>Pelteobagrus fulvidraco</i> . <i>Chemosphere</i> , 2018 , 208, 907-915	8.4	6
80	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> , 2018 , 93, 677-686	5.8	5
79	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	7	17

78	Identification of 10 SUMOylation-Related Genes From Yellow Catfish , and Their Transcriptional Responses to Carbohydrate Addition and. <i>Frontiers in Physiology</i> , 2018 , 9, 1544	4.6	6
77	MiR-205 Mediated Cu-Induced Lipid Accumulation in Yellow Catfish. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	9
76	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	1.9	9
75	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> , 2017 , 48, 770-781	2.5	7
74	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	8.4	29
73	Magnesium Reduces Hepatic Lipid Accumulation in Yellow Catfish () and Modulates Lipogenesis and Lipolysis via PPARA, JAK-STAT, and AMPK Pathways in Hepatocytes. <i>Journal of Nutrition</i> , 2017 , 147, 1070-1078	4.1	40
72	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	3	10
71	PPAR α 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	3.2	13
70	Fishmeal can be totally replaced by a mixture of rapeseed meal and Chlorella meal in diets for crucian carp (<i>Carassius auratus gibelio</i>). <i>Aquaculture Research</i> , 2017 , 48, 5481-5489	1.9	12
69	Endoplasmic reticulum (ER) stress and cAMP/PKA pathway mediated Zn-induced hepatic lipolysis. <i>Environmental Pollution</i> , 2017 , 228, 256-264	9.3	30
68	AKTs/PKBs: molecular characterization, tissue expression and transcriptional responses to insulin and/or wortmannin in yellow catfish <i>Pelteobagrus fulvidraco</i> . <i>Fish Physiology and Biochemistry</i> , 2017 , 43, 719-730	2.7	2
67	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	3.6	16
66	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,	6.3	15
65	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	4.1	7
64	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	3.8	14
63	IRS1 and IRS2: molecular characterization, tissue expression and transcriptional regulation by insulin in yellow catfish <i>Pelteobagrus fulvidraco</i> . <i>Fish Physiology and Biochemistry</i> , 2017 , 43, 619-630	2.7	1
62	Effect of fish meal replacement by Chlorella 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	1.9	38
61	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> , 2016 , 191, 13-9	2.3	4

60	Effects of waterborne Cu exposure on intestinal copper transport and lipid metabolism of <i>Synechogobius hasta</i> . <i>Aquatic Toxicology</i> , 2016 , 178, 171-81	5.1	10
59	Fe reduced hepatic lipid deposition in <i>Synechogobius hasta</i> exposed to waterborne Cu. <i>Aquatic Toxicology</i> , 2016 , 174, 134-45	5.1	6
58	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	8.4	8
57	Effect of waterborne zinc exposure on lipid deposition and metabolism in hepatopancreas and muscle of grass carp <i>Ctenopharyngodon idella</i> . <i>Fish Physiology and Biochemistry</i> , 2016 , 42, 1093-105	2.7	2
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, 979-94	2.7	15
55	Carnitine palmitoyltransferase I gene in <i>Synechogobius hasta</i> : Cloning, mRNA expression and transcriptional regulation by insulin in vitro. <i>Gene</i> , 2016 , 576, 429-40	3.8	10
54	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, 2443-53	8.4	34
53	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	3	7
52	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, 886-95	4.1	13
51	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	4.9	28
50	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, 20-9	5.1	22
49	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	5.1	14
48	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	2.3	19
47	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, 349-57	8.4	7
46	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	2.3	9
45	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	3.8	7
44	Purification and kinetic characteristics of hepatic 6-phosphogluconate dehydrogenase (6PGD) from yellow catfish <i>Pelteobagrus fulvidraco</i> / [Sarıkedi balık <i>Pelteobagrus fulvidraco</i> karaciğer 6-fosfoglukonat dehidrojenaz (6PGD)ın saflaştırılması ve kinetik özellikleri]. <i>Turkish Journal of Biochemistry</i> , 2015 , 40, 15-23	0.3	0
43	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, 417-26	1.6	13

42	Ontogeny and kinetics of carnitine palmitoyltransferase I in hepatopancreas and skeletal muscle of grass carp (<i>Ctenopharyngodon idella</i>). <i>Fish Physiology and Biochemistry</i> , 2015 , 41, 1393-401	2.7	1
41	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> , 2015 , 218, 3083-90	3	14
40	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, 2091-104	3.2	8
39	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, 90-8	5.1	20
38	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	4.4	21
37	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	3	19
36	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	2.3	14
35	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	3	6
34	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	2.3	46
33	Peroxisome proliferator-activated receptor gamma (PPAR γ) 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	3	15
32	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, 1349-59	2.7	6
31	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, 21-8	2.3	36
30	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	5.1	27
29	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, 130-8	3	27
28	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, 167-80	3.2	18
27	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> , 2014 , 67, 252-60	3.2	4
26	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	3.6	37
25	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, 232-7	3.8	10

24	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	1.9	11
23	Dietary l-lysine requirement of juvenile Chinese sucker, <i>Myxocyprinus asiaticus</i> . <i>Aquaculture Research</i> , 2013 , 44, 1539-1549	1.9	8
22	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, 105-21	3.2	13
21	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	2.5	8
20	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, 1641-56	2.7	8
19	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, 173-81	5.1	76
18	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, 72-8	5.1	20
17	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, 380-6	5.1	61
16	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	3	44
15	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	4.3	42
14	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, 616-25	8.4	15
13	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, 301-15	3.2	63
12	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	1.9	11
11	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	4.4	46
10	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	2.5	23
9	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	4.4	93
8	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	1.9	23
7	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	4.4	37

6	Effect of dietary phosphorus on the growth and body components of juvenile <i>Synechogobius hasta</i> . <i>Journal of Ocean University of China</i> , 2009 , 8, 65-70	1	4
5	Apparent digestibility coefficients of four feed ingredients for <i>Synechogobius hasta</i> . <i>Aquaculture Research</i> , 2009 , 40, 558-565	1.9	14
4	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	1.9	28
3	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	1.9	4
2	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	1.9	4
1	Apparent digestibility coefficients of selected feed ingredients for Chinese mitten crab <i>Eriocheir sinensis</i> . <i>Aquaculture</i> , 2008 , 285, 141-145	4.4	37