

# Hong Ji

## List of Publications by Year in descending order

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77  
papers

1,814  
citations

304743

22  
h-index

289244

40  
g-index

79  
all docs

79  
docs citations

79  
times ranked

1352  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dietary nano-selenium alleviated intestinal damage of juvenile grass carp ( <i>Ctenopharyngodon idella</i> ) induced by high-fat diet: Insight from intestinal morphology, tight junction, inflammation, anti-oxidization and intestinal microbiota. <i>Animal Nutrition</i> , 2022, 8, 235-248.	5.1	41
2	Functional characterization of two alpha beta hydrolase domain (ABHD) genes associated with lipid accumulation in <i>Ctenopharyngodon idella</i> kidney (CIK) cells. <i>Aquaculture</i> , 2022, 546, 737333.	3.5	0
3	A comprehensive overview of ovarian small non-coding RNAs in the late overwintering and breeding periods of <i>Onychostoma macrolepis</i> . <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2022, 42, 100967.	1.0	0
4	Endoplasmic reticulum stress is involved in lipid accumulation induced by oleic acid in adipocytes of grass carp ( <i>Ctenopharyngodon idella</i> ): focusing on the transcriptional level. <i>Fish Physiology and Biochemistry</i> , 2022, 48, 275-284.	2.3	3
5	Docosahexaenoic acid lessens hepatic lipid accumulation and inflammation <i>via</i> the AMP-activated protein kinase and endoplasmic reticulum stress signaling pathways in grass carp ( <i>Ctenopharyngodon idella</i> ). <i>Food and Function</i> , 2022, 13, 1846-1859.	4.6	7
6	PKA/ATGL signaling pathway is involved in ER stress-mediated lipolysis in adipocytes of grass carp ( <i>Ctenopharyngodon idella</i> ). <i>Fish Physiology and Biochemistry</i> , 2022, 48, 683-691.	2.3	3
7	Characterization and expression analysis of ATG4 paralogs in response to the palmitic acid induced-ER stress in <i>Ctenopharyngodon idellus</i> kidney cells. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2021, 252, 110525.	1.6	1
8	Evaluating the impact of bird manure vs. mammal manure on <i>Hermetia illucens</i> larvae. <i>Journal of Cleaner Production</i> , 2021, 278, 123570.	9.3	14
9	Influence of dietary Se supplementation on aquaponic system: Focusing on the growth performance, ornamental features and health status of Koi carp ( <i>Cyprinus carpio</i> var. <i>Koi</i> ), production of Lettuce ( <i>Lactuca sativa</i> ) and water quality. <i>Aquaculture Research</i> , 2021, 52, 505-517.	1.8	9
10	Effects of black soldier fly oil rich in n-3 HUFA on growth performance, metabolism and health response of juvenile mirror carp ( <i>Cyprinus carpio</i> var. <i>specularis</i> ). <i>Aquaculture</i> , 2021, 533, 736144.	3.5	28
11	Effects of dietary fish oil replacements with three vegetable oils on growth, fatty acid composition, antioxidant capacity, serum parameters and expression of lipid metabolism related genes in juvenile <i>Onychostoma macrolepis</i> . <i>Aquaculture Nutrition</i> , 2021, 27, 163-175.	2.7	10
12	Molecular characterization and functional analysis of apoptosis-inducing factor (AIF) in palmitic acid-induced apoptosis in <i>Ctenopharyngodon idellus</i> kidney (CIK) cells. <i>Fish Physiology and Biochemistry</i> , 2021, 47, 213-224.	2.3	7
13	Forkhead transcription factor O1 (FoxO1) in torafugu pufferfish <i>Takifugu rubripes</i> : Molecular cloning, in vitro DNA binding, and target gene screening in fish metagenome. <i>Gene</i> , 2021, 768, 145335.	2.2	1
14	DGAT1 protects against lipid induced-hepatic lipotoxicity in grass carp ( <i>Ctenopharyngodon idellus</i> ). <i>Aquaculture</i> , 2021, 534, 736328.	3.5	8
15	Effects of the defatted <i>Schizochytrium</i> sp. on growth performance, fatty acid composition, histomorphology and antioxidant status of juvenile mirror carp ( <i>Cyprinus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 1137 Td (c		
16	Nano-selenium supplements in high-fat diets relieve hepatopancreas injury and improve survival of grass carp <i>Ctenopharyngodon Idella</i> by reducing lipid deposition. <i>Aquaculture</i> , 2021, 538, 736580.	3.5	37
17	Characterization and Expression Profiling of Glutathione Peroxidase 1 gene (GPX1) and Activity of GPX in <i>Onychostoma macrolepis</i> suffered from Thermal Stress. <i>Turkish Journal of Fisheries and Aquatic Sciences</i> , 2021, 21, 541-551.	0.9	2
18	Glycogen synthase kinase-3 $\beta$ (GSK-3 $\beta$ ) of grass carp ( <i>Ctenopharyngodon idella</i> ): Synteny, structure, tissue distribution and expression in oleic acid (OA)-induced adipocytes and hepatocytes. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2020, 241, 110391.	1.6	10

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19	Dietary nano-selenium enhances antioxidant capacity and hypoxia tolerance of grass carp <i>Ctenopharyngodon idella</i> fed with high-fat diet. <i>Aquaculture Nutrition</i> , 2020, 26, 545-557.	2.7	36
20	Energy response and fatty acid metabolism in <i>Onychostoma macrolepis</i> exposed to low-temperature stress. <i>Journal of Thermal Biology</i> , 2020, 94, 102725.	2.5	20
21	Perilipin 3 in grass carp <i>Ctenopharyngodon idella</i> : molecular characterization, gene structure, tissue distribution, and mRNA expression in DHA-induced lipid droplet formation in adipocytes. <i>Fish Physiology and Biochemistry</i> , 2020, 46, 2311-2322.	2.3	7
22	Defatted black soldier fly ( <i>Hermetia illucens</i> ) larvae meal can replace soybean meal in juvenile grass carp ( <i>Ctenopharyngodon idellus</i> ) diets. <i>Aquaculture Reports</i> , 2020, 18, 100520.	1.7	26
23	Effect of dietary <i>Schizochytrium</i> sp. oil as a long-chain polyunsaturated fatty acid source on growth performance, lipid metabolism and antioxidant status in juvenile grass carp ( <i>Ctenopharyngodon idellus</i> ): A comparative study with fish oil. <i>Aquaculture Research</i> , 2020, 51, 4551-4564.	1.8	3
24	cAMP-dependent protein kinase A in grass carp <i>Ctenopharyngodon idella</i> : Molecular characterization, gene structure, tissue distribution and mRNA expression in endoplasmic reticulum stress-induced adipocyte lipolysis. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2020, 250, 110479.	1.6	5
25	Black soldier fly larvae as a better lipid source than yellow mealworm or silkworm oils for juvenile mirror carp ( <i>Cyprinus carpio</i> var. <i>specularis</i> ). <i>Aquaculture</i> , 2020, 527, 735453.	3.5	29
26	AMP-activated protein kinase in the grass carp <i>Ctenopharyngodon idellus</i> : Molecular characterization, tissue distribution and mRNA expression in response to overwinter starvation stress. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2020, 246-247, 110457.	1.6	4
27	Effects of dietary essential fatty acid requirements on growth performance, fatty acid composition, biochemical parameters, antioxidant response and lipid related genes expression in juvenile <i>Onychostoma macrolepis</i> . <i>Aquaculture</i> , 2020, 528, 735590.	3.5	9
28	Identification and characterization of two isoforms of acyl-coenzyme A oxidase 1 gene and their expression in fasting-induced grass carp <i>Ctenopharyngodon idella</i> adipocyte lipolysis. <i>Fish Physiology and Biochemistry</i> , 2020, 46, 1645-1652.	2.3	3
29	Effect of refeeding dietary containing different protein and lipid levels on growth performance, body composition, digestive enzyme activities and metabolic related gene expression of grass carp ( <i>Ctenopharyngodon idellus</i> ) after overwinter starvation. <i>Aquaculture</i> , 2020, 523, 735196.	3.5	24
30	Influence of dietary black soldier fly ( <i>Hermetia illucens</i> Linnaeus) pulp on growth performance, antioxidant capacity and intestinal health of juvenile mirror carp ( <i>Cyprinus</i> ) <a href="#">Tj ETQq0 0 0 rgBT /Overlock 1046 50 297</a>	3.5	29
31	Effects of dietary lipid levels on growth, fatty acid composition, antioxidant status and lipid metabolism in juvenile <i>Onychostoma macrolepis</i> . <i>Aquaculture Research</i> , 2019, 50, 3369-3381.	1.8	23
32	Greater potency of adipocytes compared with preadipocytes under lipopolysaccharide exposure in grass carp <i>Ctenopharyngodon idella</i> . <i>Fish and Shellfish Immunology</i> , 2019, 91, 343-349.	3.6	3
33	CIDEA and CIDEC are regulated by CREB and are not induced during fasting in grass carp <i>Ctenopharyngodon idella</i> adipocytes. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2019, 234, 50-57.	1.6	1
34	Two faces of PPAR $\alpha$ /NF $\kappa$ B signaling pathway in inflammatory responses to adipocytes lipolysis in grass carp <i>Ctenopharyngodon idella</i> . <i>Fish and Shellfish Immunology</i> , 2019, 90, 244-249.	3.6	5
35	Ameliorative effect of docosahexaenoic acid on hepatocyte apoptosis and inflammation induced by oleic acid in grass carp, <i>Ctenopharyngodon idella</i> . <i>Fish Physiology and Biochemistry</i> , 2019, 45, 1091-1099.	2.3	6
36	Lipid droplets participate in modulating innate immune genes in <i>Ctenopharyngodon idella</i> kidney cells. <i>Fish and Shellfish Immunology</i> , 2019, 88, 595-605.	3.6	7

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37	Dietary arachidonic acid decreases the expression of transcripts related to adipocyte development and chronic inflammation in the adipose tissue of juvenile grass carp, <i>Ctenopharyngodon idella</i> . <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2019, 30, 122-132.	1.0	9
38	Lipid accumulation in grass carp ( <i>Ctenopharyngodon idellus</i> ) fed faba beans ( <i>Vicia faba</i> L.). <i>Fish Physiology and Biochemistry</i> , 2019, 45, 631-642.	2.3	17
39	Molecular characterization and tissue distribution of SREBP-1 and PPAR $\alpha$ in <i>Onychostoma macrolepis</i> and their mRNA expressions in response to thermal exposure. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2019, 230, 16-27.	1.8	12
40	Influence of replacing fish meal with enzymatic hydrolysates of defatted silkworm pupa ( <i>Bombyx</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 carp ( <i>Cyprinus carpio</i> var. <i>specularis</i> ). <i>Aquaculture Research</i> , 2018, 49, 1480-1490.	1.8	24
41	Cytochrome P450 2A4 molecular clone, expression pattern, and different regulation by fish oil and lard oil in diets of grass carp ( <i>Ctenopharyngodon idella</i> ). <i>Fish Physiology and Biochemistry</i> , 2018, 44, 1019-1026.	2.3	3
42	GOS2a1 (G0/G1 switch gene 2a1) is downregulated by TNF- $\alpha$ in grass carp ( <i>Ctenopharyngodon idellus</i> ) hepatocytes through PPAR $\alpha$ inhibition. <i>Gene</i> , 2018, 641, 1-7.	2.2	11
43	LCFA Uptake and FAT/CD36: molecular cloning, tissue expression and mRNA expression responses to dietary oil sources in grass carp ( <i>Ctenopharyngodon idellus</i> ). <i>Journal of Applied Animal Research</i> , 2018, 46, 572-582.	1.2	6
44	Dietary docosahexaenoic acid decreased lipid accumulation via inducing adipocytes apoptosis of grass carp, <i>Ctenopharyngodon idella</i> . <i>Fish Physiology and Biochemistry</i> , 2018, 44, 197-207.	2.3	18
45	The Wnt/ $\beta$ -catenin pathway contributes to the regulation of adipocyte development induced by docosahexaenoic acid in grass carp, <i>Ctenopharyngodon idellus</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2018, 216, 18-24.	1.6	6
46	The protein-sparing effect of $\alpha$ -lipoic acid in juvenile grass carp, <i>Ctenopharyngodon idellus</i> : effects on lipolysis, fatty acid $\beta$ -oxidation and protein synthesis. <i>British Journal of Nutrition</i> , 2018, 120, 977-987.	2.3	40
47	EPA plays multiple roles in regulating lipid accumulation of grass carp <i>Ctenopharyngodon idella</i> adipose tissue <i>in vitro</i> and <i>in vivo</i> . <i>Journal of Fish Biology</i> , 2018, 93, 290-301.	1.6	3
48	Docosahexaenoic acid induces PPAR $\alpha$ -dependent preadipocytes apoptosis in grass carp <i>Ctenopharyngodon idella</i> . <i>General and Comparative Endocrinology</i> , 2018, 266, 211-219.	1.8	7
49	Effect of dietary prickly ash ( <i>Zanthoxylum bungeanum</i> ) seeds (PAS) on growth, body composition, and health of juvenile Jian carp ( <i>Cyprinus carpio</i> var. <i>Jian</i> ). <i>Aquaculture International</i> , 2017, 25, 107-120.	2.2	4
50	Pigment epithelium-derived factor improves TNF- $\alpha$ -induced hepatic steatosis in grass carp ( <i>Ctenopharyngodon idella</i> ). <i>Developmental and Comparative Immunology</i> , 2017, 71, 8-17.	2.3	11
51	Stimulation of glycerol kinase in grass carp preadipocytes by EPA. <i>Fish Physiology and Biochemistry</i> , 2017, 43, 813-822.	2.3	5
52	Defatted black soldier fly ( <i>Hermetia illucens</i> ) larvae meal in diets for juvenile Jian carp ( <i>Cyprinus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 intestine and hepatopancreas histological structure. <i>Aquaculture</i> , 2017, 477, 62-70.	3.5	196
53	Antioxidant defenses of <i>Onychostoma macrolepis</i> in response to thermal stress: Insight from mRNA expression and activity of superoxide dismutase and catalase. <i>Fish and Shellfish Immunology</i> , 2017, 66, 50-61.	3.6	54
54	Forkhead box O1 in grass carp <i>Ctenopharyngodon idella</i> : Molecular characterization, gene structure, tissue distribution and mRNA expression in insulin-inhibited adipocyte lipolysis. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2017, 204, 76-84.	1.8	14

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55	Î±-lipoic acid ameliorates n-3 highly-unsaturated fatty acids induced lipid peroxidation via regulating antioxidant defenses in grass carp ( <i>Ctenopharyngodon idellus</i> ). <i>Fish and Shellfish Immunology</i> , 2017, 67, 359-367.	3.6	37
56	Role of cyclooxygenase-mediated metabolites in lipid metabolism and expression of some immune-related genes in juvenile grass carp ( <i>Ctenopharyngodon idellus</i> ) fed arachidonic acid. <i>Fish Physiology and Biochemistry</i> , 2017, 43, 703-717.	2.3	23
57	Comparative analysis of effects of dietary arachidonic acid and EPA on growth, tissue fatty acid composition, antioxidant response and lipid metabolism in juvenile grass carp, <i>Ctenopharyngodon idellus</i> . <i>British Journal of Nutrition</i> , 2017, 118, 411-422.	2.3	30
58	Silymarin inhibits adipogenesis in the adipocytes in grass carp <i>Ctenopharyngodon idellus</i> in vitro and in vivo. <i>Fish Physiology and Biochemistry</i> , 2017, 43, 1487-1500.	2.3	16
59	Effects of Dietary Soybean Oil Replacement by Silkworm, <i>Bombyx mori</i> L., Chrysalis Oil on Growth Performance, Tissue Fatty Acid Composition, and Health Status of Juvenile Jian Carp, <i>Cyprinus carpio</i> var. Jian. <i>Journal of the World Aquaculture Society</i> , 2017, 48, 453-466.	2.4	12
60	Two isoforms of hormone-sensitive lipase b are generated by alternative exons usage and transcriptional regulation by insulin in grass carp ( <i>Ctenopharyngodon idella</i> ). <i>Fish Physiology and Biochemistry</i> , 2017, 43, 539-547.	2.3	12
61	Molecular characterization and nutritional regulation of carnitine palmitoyltransferase (CPT) family in grass carp ( <i>Ctenopharyngodon idellus</i> ). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2017, 203, 11-19.	1.6	24
62	Dietary silymarin supplementation promotes growth performance and improves lipid metabolism and health status in grass carp ( <i>Ctenopharyngodon idellus</i> ) fed diets with elevated lipid levels. <i>Fish Physiology and Biochemistry</i> , 2017, 43, 245-263.	2.3	64
63	Influence of dietary linoleic acid (18:2n-6) and Î±-linolenic acid (18:3n-3) ratio on fatty acid composition of different tissues in freshwater fish Songpu mirror carp, <i>Cyprinus Carpio</i> . <i>Aquaculture Research</i> , 2016, 47, 3811-3825.	1.8	33
64	Effects of Dietary DHA/EPA Ratios on Fatty Acid Composition, Lipid Metabolism-related Enzyme Activity, and Gene Expression of Juvenile Grass Carp, <i>Ctenopharyngodon idellus</i> . <i>Journal of the World Aquaculture Society</i> , 2016, 47, 287-296.	2.4	8
65	Lipolytic enzymes involving lipolysis in Teleost: Synteny, structure, tissue distribution, and expression in grass carp ( <i>Ctenopharyngodon idella</i> ). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2016, 198, 110-118.	1.6	33
66	Influence of black soldier fly ( <i>Hermetia illucens</i> ) larvae oil on growth performance, body composition, tissue fatty acid composition and lipid deposition in juvenile Jian carp ( <i>Cyprinus carpio</i> ) <a href="#">Tj ETQq0 0 0 3gBT/Overlook 10 TF</a>		
67	Dietary Arachidonic Acid Has a Time-Dependent Differential Impact on Adipogenesis Modulated via COX and LOX Pathways in Grass Carp <i>Ctenopharyngodon idellus</i> . <i>Lipids</i> , 2016, 51, 1325-1338.	1.7	15
68	Morphology, mitochondrial development and adipogenic-related genes expression during adipocytes differentiation in grass carp ( <i>Ctenopharyngodon idellus</i> ). <i>Science Bulletin</i> , 2015, 60, 1241-1251.	9.0	14
69	Comparative analysis of the hepatopancreas transcriptome of grass carp ( <i>Ctenopharyngodon idellus</i> ) fed with lard oil and fish oil diets. <i>Gene</i> , 2015, 565, 192-200.	2.2	52
70	Ontogenetic development of adipose tissue in grass carp ( <i>Ctenopharyngodon idellus</i> ). <i>Fish Physiology and Biochemistry</i> , 2015, 41, 867-878.	2.3	16
71	Hepatoprotective effects of a Chinese herbal formulation, Yingchen decoction, on olaquinox-induced hepatopancreas injury in Jian carp ( <i>Cyprinus carpio</i> var. Jian). <i>Fish Physiology and Biochemistry</i> , 2015, 41, 153-163.	2.3	16
72	Alterations of digestive enzyme activities, intestinal morphology and microbiota in juvenile paddlefish, <i>Polyodon spathula</i> , fed dietary probiotics. <i>Fish Physiology and Biochemistry</i> , 2015, 41, 91-105.	2.3	22

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73	Effect of replacement of dietary fish meal with silkworm pupae meal on growth performance, body composition, intestinal protease activity and health status in juvenile Jian carp ( <i>Cyprinus</i> ) Tj ETQq1 1 0.784314 108 /Overlock 10 Tf	0.784314	108
74	Effects of dietary arachidonic acid (ARA) on lipid metabolism and health status of juvenile grass carp, <i>Ctenopharyngodon idellus</i> . <i>Aquaculture</i> , 2014, 430, 57-65.	3.5	90
75	Regulation of adipocytes lipolysis by n-3 HUFA in grass carp ( <i>Ctenopharyngodon idellus</i> ) in vitro and in vivo. <i>Fish Physiology and Biochemistry</i> , 2014, 40, 1447-1460.	2.3	22
76	Regulation of growth performance and lipid metabolism by dietary n-3 highly unsaturated fatty acids in juvenile grass carp, <i>Ctenopharyngodon idellus</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2011, 159, 49-56.	1.6	159
77	EFFECT OF DIETARY HUFA ON THE LIPID METABOLISM IN GRASS CARP <i>CTENOPHARYMGODON IDELLUS</i> . <i>Acta Hydrobiologica Sinica</i> , 2009, 33, 881-889.	0.1	13