Hong Ji

List of Publications by Year
in descending order

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	Defatted black soldier fly (Hermetia illucens) larvae meal in diets for juvenile Jian carp (Cyprinus) Tj ETQq1 1 0.784314 rgBT /Overlock intestine and hepatopancreas histological structure. Aquaculture, 2017, 477, 62-70.	3.5	196
2	Regulation of growth performance and lipid metabolism by dietary n-3 highly unsaturated fatty acids in juvenile grass carp, Ctenopharyngodon idellus. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2011, 159, 49-56.	1.6	159
3	Influence of black soldier fly (Hermetia illucens) larvae oil on growth performance, body composition, tissue fatty acid composition and lipid deposition in juvenile Jian carp (Cyprinus carpio) Tj ETQq1 1 0.784314 rgBT /Overlo	3.8	153
4	Effects of dietary arachidonic acid (ARA) on lipid metabolism and health status of juvenile grass carp, Ctenopharyngodon idellus. Aquaculture, 2014, 430, 57-65.	3.5	90
5	Dietary silymarin supplementation promotes growth performance and improves lipid metabolism and health status in grass carp (Ctenopharyngodon idellus) fed diets with elevated lipid levels. Fish Physiology and Biochemistry, 2017, 43, 245-263.	2.3	64
6	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) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 537 T	1.8	59
7	Antioxidant defenses of Onychostoma macrolepis in response to thermal stress: Insight from mRNA expression and activity of superoxide dismutase and catalase. Fish and Shellfish Immunology, 2017, 66, 50-61.	3.6	54
8	Comparative analysis of the hepatopancreas transcriptome of grass carp (Ctenopharyngodon idellus) fed with lard oil and fish oil diets. Gene, 2015, 565, 192-200.	2.2	52
9	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) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	2.7	46
10	Dietary nano-selenium alleviated intestinal damage of juvenile grass carp (Ctenopharyngodon idella) induced by high-fat diet: Insight from intestinal morphology, tight junction, inflammation, anti-oxidization and intestinal microbiota. Animal Nutrition, 2022, 8, 235-248.	5.1	41
11	The protein-sparing effect of <i>Î±</i>-lipoic acid in juvenile grass carp, <i>Ctenopharyngodon idellus</i>: effects on lipolysis, fatty acid <i>Î²</i>-oxidation and protein synthesis. British Journal of Nutrition, 2018, 120, 977-987.	2.3	40
12	Î±-lipoic acid ameliorates n-3 highly-unsaturated fatty acids induced lipid peroxidation via regulating antioxidant defenses in grass carp (Ctenopharyngodon idellus). Fish and Shellfish Immunology, 2017, 67, 359-367.	3.6	37
13	Nanoâ€'selenium supplements in high-fat diets relieve hepatopancreas injury and improve survival of grass carp Ctenopharyngodon Idella by reducing lipid deposition. Aquaculture, 2021, 538, 736580.	3.5	37
14	Dietary nanoâ€selenium enhances antioxidant capacity and hypoxia tolerance of grass carp <i>Ctenopharyngodon idella</i> fed with highâ€fat diet. Aquaculture Nutrition, 2020, 26, 545-557.	2.7	36
15	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>. Aquaculture Research, 2016, 47, 3811-3825.	1.8	33
16	Lipolytic enzymes involving lipolysis in Teleost: Synteny, structure, tissue distribution, and expression in grass carp (Ctenopharyngodon idella). Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2016, 198, 110-118.	1.6	33
17	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>. British Journal of Nutrition, 2017, 118, 411-422.	2.3	30
18	Black soldier fly larvae as a better lipid source than yellow mealworm or silkworm oils for juvenile mirror carp (Cyprinus carpio var. specularis). Aquaculture, 2020, 527, 735453.	3.5	29

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19	Effects of black soldier fly oil rich in n-3 HUFA on growth performance, metabolism and health response of juvenile mirror carp (Cyprinus carpio var. specularis). Aquaculture, 2021, 533, 736144.	3.5	28
20	Defatted black soldier fly (Hermetia illucens) larvae meal can replace soybean meal in juvenile grass carp (Ctenopharyngodon idellus) diets. Aquaculture Reports, 2020, 18, 100520.	1.7	26
21	Molecular characterization and nutritional regulation of carnitine palmitoyltransferase (CPT) family in grass carp (Ctenopharyngodon idellus). Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2017, 203, 11-19.	1.6	24
22	Influence of replacing fish meal with enzymatic hydrolysates of defatted silkworm pupa (<i>Bombyx) Tj ETQq0 0 0 rgBT /Overlock 10 Tf carp (<i>Cyprinus carpio var</i>. specularis). Aquaculture Research, 2018, 49, 1480-1490.	1.8	24
23	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 (Ctenopharyngodon idellus) after overwinter starvation. Aquaculture, 2020, 523, 735196.	3.5	24
24	Role of cyclooxygenase-mediated metabolites in lipid metabolism and expression of some immune-related genes in juvenile grass carp (Ctenopharyngodon idellus) fed arachidonic acid. Fish Physiology and Biochemistry, 2017, 43, 703-717.	2.3	23
25	Effects of dietary lipid levels on growth, fatty acid composition, antioxidant status and lipid metabolism in juvenile<i>Onychostoma macrolepis</i>. Aquaculture Research, 2019, 50, 3369-3381.	1.8	23
26	Regulation of adipocytes lipolysis by n-3 HUFA in grass carp (Ctenopharyngodon idellus) in vitro and in vivo. Fish Physiology and Biochemistry, 2014, 40, 1447-1460.	2.3	22
27	Alterations of digestive enzyme activities, intestinal morphology and microbiota in juvenile paddlefish, Polyodon spathula, fed dietary probiotics. Fish Physiology and Biochemistry, 2015, 41, 91-105.	2.3	22
28	Energy response and fatty acid metabolism in Onychostoma macrolepis exposed to low-temperature stress. Journal of Thermal Biology, 2020, 94, 102725.	2.5	20
29	Dietary docosahexaenoic acid decreased lipid accumulation via inducing adipocytes apoptosis of grass carp, Ctenopharygodon idella. Fish Physiology and Biochemistry, 2018, 44, 197-207.	2.3	18
30	Lipid accumulation in grass carp (Ctenopharyngodon idellus) fed faba beans (Vicia faba L.). Fish Physiology and Biochemistry, 2019, 45, 631-642.	2.3	17
31	Ontogenetic development of adipose tissue in grass carp (Ctenopharyngodon idellus). Fish Physiology and Biochemistry, 2015, 41, 867-878.	2.3	16
32	Hepatoprotective effects of a Chinese herbal formulation, Yingchen decoction, on olaquindox-induced hepatopancreas injury in Jian carp (Cyprinus carpio var. Jian). Fish Physiology and Biochemistry, 2015, 41, 153-163.	2.3	16
33	Silymarin inhibits adipogenesis in the adipocytes in grass carp Ctenopharyngodon idellus in vitro and in vivo. Fish Physiology and Biochemistry, 2017, 43, 1487-1500.	2.3	16
34	Dietary Arachidonic Acid Has a Timeâ€Đependent Differential Impact on Adipogenesis Modulated via COX and LOX Pathways in Grass Carp <i>Ctenopharyngodon idellus</i>. Lipids, 2016, 51, 1325-1338.	1.7	15
35	Morphology, mitochondrial development and adipogenic-related genes expression during adipocytes differentiation in grass carp (Ctenopharyngodon idellus). Science Bulletin, 2015, 60, 1241-1251.	9.0	14
36	Forkhead box O1 in grass carp Ctenopharyngodon idella: Molecular characterization, gene structure, tissue distribution and mRNA expression in insulin-inhibited adipocyte lipolysis. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2017, 204, 76-84.	1.8	14

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37	Evaluating the impact of bird manure vs. mammal manure on Hermetia illucens larvae. Journal of Cleaner Production, 2021, 278, 123570.	9.3	14
38	Effects of the defatted<i>Schizochytrium</i>sp. on growth performance, fatty acid composition, histomorphology and antioxidant status of juvenile mirror carp (<i>Cyprinus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 501697 Td (carpio</i>va	1.8	13
39	EFFECT OF DIETARY HUFA ON THE LIPID METABOLISM IN GRASS CARP <I>CTENOPHARYMGODON IDELLUS</I>. Acta Hydrobiologica Sinica, 2009, 33, 881-889.	0.1	13
40	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. Journal of the World Aquaculture Society, 2017, 48, 453-466.	2.4	12
41	Two isoforms of hormone-sensitive lipase b are generated by alternative exons usage and transcriptional regulation by insulin in grass carp (Ctenopharyngodon idella). Fish Physiology and Biochemistry, 2017, 43, 539-547.	2.3	12
42	Molecular characterization and tissue distribution of SREBP-1 and PPARÎ± in Onychostoma macrolepis and their mRNA expressions in response to thermal exposure. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2019, 230, 16-27.	1.8	12
43	Pigment epithelium-derived factor improves TNFÎ±-induced hepatic steatosis in grass carp (Ctenopharyngodon idella). Developmental and Comparative Immunology, 2017, 71, 8-17.	2.3	11
44	G0S2a1 (G0/G1 switch gene 2a1) is downregulated by TNF-Î± in grass carp (Ctenopharyngodon idellus) hepatocytes through PPARÎ± inhibition. Gene, 2018, 641, 1-7.	2.2	11
45	Glycogen synthase kinase-3Î² (GSK-3Î²) of grass carp (Ctenopharyngodon idella): Synteny, structure, tissue distribution and expression in oleic acid (OA)-induced adipocytes and hepatocytes. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2020, 241, 110391.	1.6	10
46	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>. Aquaculture Nutrition, 2021, 27, 163-175.	2.7	10
47	Dietary arachidonic acid decreases the expression of transcripts related to adipocyte development and chronic inflammation in the adipose tissue of juvenile grass carp, Ctenopharyngodon idella. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2019, 30, 122-132.	1.0	9
48	Effects of dietary essential fatty acid requirements on growth performance, fatty acid composition, biochemical parameters, antioxidant response and lipid related genes expression in juvenile Onychostoma macrolepis. Aquaculture, 2020, 528, 735590.	3.5	9
49	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. Aquaculture Research, 2021, 52, 505-517.	1.8	9
50	Effects of Dietary <scp>DHA</scp>/<scp>EPA</scp> Ratios on Fatty Acid Composition, Lipid Metabolismâ€related Enzyme Activity, and Gene Expression of Juvenile Grass Carp, <i>Ctenopharyngodon idellus</i>. Journal of the World Aquaculture Society, 2016, 47, 287-296.	2.4	8
51	DGAT1 protects against lipid induced-hepatic lipotoxicity in grass carp (Ctenopharyngodon idellus). Aquaculture, 2021, 534, 736328.	3.5	8
52	Docosahexaenoic acid induces PPARÎ³-dependent preadipocytes apoptosis in grass carp Ctenopharyngodon idella. General and Comparative Endocrinology, 2018, 266, 211-219.	1.8	7
53	Lipid droplets participate in modulating innate immune genes in Ctenopharyngodon idella kidney cells. Fish and Shellfish Immunology, 2019, 88, 595-605.	3.6	7
54	Perilipin 1â€"3 in grass carp Ctenopharyngodon idella: molecular characterization, gene structure, tissue distribution, and mRNA expression in DHA-induced lipid droplet formation in adipocytes. Fish Physiology and Biochemistry, 2020, 46, 2311-2322.	2.3	7

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55	Molecular characterization and functional analysis of apoptosis-inducing factor (AIF) in palmitic acid-induced apoptosis in Ctenopharyngodon idellus kidney (CIK) cells. Fish Physiology and Biochemistry, 2021, 47, 213-224.	2.3	7
56	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>). Food and Function, 2022, 13, 1846-1859.	4.6	7
57	LCFA Uptake and FAT/CD36: molecular cloning, tissue expression and mRNA expression responses to dietary oil sources in grass carp (<i>Ctenopharyngodon idellus</i>). Journal of Applied Animal Research, 2018, 46, 572-582.	1.2	6
58	The Wnt/Î²-catenin pathway contributes to the regulation of adipocyte development induced by docosahexaenoic acid in grass carp, Ctenopharyngodon idellus. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2018, 216, 18-24.	1.6	6
59	Ameliorative effect of docosahexaenoic acid on hepatocyte apoptosis and inflammation induced by oleic acid in grass carp, Ctenopharyngodon idella. Fish Physiology and Biochemistry, 2019, 45, 1091-1099.	2.3	6
60	Stimulation of glycerol kinase in grass carp preadipocytes by EPA. Fish Physiology and Biochemistry, 2017, 43, 813-822.	2.3	5
61	Two faces of PPARÎ±/NFÎºB signaling pathway in inflammatory responses to adipocytes lipolysis in grass carp Ctenopharyngodon idella. Fish and Shellfish Immunology, 2019, 90, 244-249.	3.6	5
62	cAMP-dependent protein kinase A in grass carp Ctenopharyngodon idella: Molecular characterization, gene structure, tissue distribution and mRNA expression in endoplasmic reticulum stress-induced adipocyte lipolysis. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2020, 250, 110479.	1.6	5
63	Effect of dietary prickly ash (Zanthoxylum bungeanum) seeds (PAS) on growth, body composition, and health of juvenile Jian carp (Cyprinus carpio var. Jian). Aquaculture International, 2017, 25, 107-120.	2.2	4
64	AMP-activated protein kinase in the grass carp Ctenopharyngodon idellus: Molecular characterization, tissue distribution and mRNA expression in response to overwinter starvation stress. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2020, 246-247, 110457.	1.6	4
65	Cytochrome P450 2AA molecular clone, expression pattern, and different regulation by fish oil and lard oil in diets of grass carp (Ctenopharyngodon idella). Fish Physiology and Biochemistry, 2018, 44, 1019-1026.	2.3	3
66	EPA plays multiple roles in regulating lipid accumulation of grass carp <scp><i>Ctenopharyngodon idella</i></scp> adipose tissue <i>in vitro</i> and <i>in vivo</i>. Journal of Fish Biology, 2018, 93, 290-301.	1.6	3
67	Greater potency of adipocytes compared with preadipocytes under lipopolysaccharide exposure in grass carp Ctenopharyngodon idella. Fish and Shellfish Immunology, 2019, 91, 343-349.	3.6	3
68	Effect of dietary<i>Schizochytrium</i>sp. oil as an nâ€3 longâ€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. Aquaculture Research, 2020, 51, 4551-4564.	1.8	3
69	Identification and characterization of two isoforms of acyl-coenzyme A oxidase 1 gene and their expression in fasting-induced grass carp Ctenopharyngodon idella adipocyte lipolysis. Fish Physiology and Biochemistry, 2020, 46, 1645-1652.	2.3	3
70	Endoplasmic reticulum stress is involved in lipid accumulation induced by oleic acid in adipocytes of grass carp (Ctenopharyngodon idella): focusing on the transcriptional level. Fish Physiology and Biochemistry, 2022, 48, 275-284.	2.3	3
71	PKA/ATGL signaling pathway is involved in ER stress-mediated lipolysis in adipocytes of grass carp (Ctenopharyngodon idella). Fish Physiology and Biochemistry, 2022, 48, 683-691.	2.3	3
72	Characterization and Expression Profiling of Glutathione Peroxidase 1 gene (GPX1) and Activity of GPX in Onychostoma macrolepis suffered from Thermal Stress. Turkish Journal of Fisheries and Aquatic Sciences, 2021, 21, 541-551.	0.9	2

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73	CIDEA and CIDEC are regulated by CREB and are not induced during fasting in grass carp Ctenopharyngodon idella adipocytes. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2019, 234, 50-57.	1.6	1
74	Characterization and expression analysis of ATG4 paralogs in response to the palmitic acid induced-ER stress in Ctenopharyngodon idellus kidney cells. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2021, 252, 110525.	1.6	1
75	Forkhead transcription factor O1 (FoxO1) in torafugu pufferfish Takifugu rubripes: Molecular cloning, in vitro DNA binding, and target gene screening in fish metagenome. Gene, 2021, 768, 145335.	2.2	1
76	Functional characterization of two alpha beta hydrolase domain (ABHD) genes associated with lipid accumulation in Ctenopharyngodon idella kidney (CIK) cells. Aquaculture, 2022, 546, 737333.	3.5	0
77	A comprehensive overview of ovarian small non-coding RNAs in the late overwintering and breeding periods of Onychostoma macrolepis. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2022, 42, 100967.	1.0	0