

Hao-Kun Liu

List of Publications by Year in Descending Order

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Version: 2024-04-09

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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.

67 papers	821 citations	16 h-index	25 g-index
73 ext. papers	1,176 ext. citations	3.8 avg, IF	4.16 L-index

#	Paper	IF	Citations
67	Complete Replacement of Fishmeal With Plant Protein Ingredients in Gibel Carp (<i>Carassius auratus gibelio</i>) Diets by Supplementation With Essential Amino Acids Without Negative Impact on Growth Performance and Muscle Growth-Related Biomarkers. <i>Frontiers in Marine Science</i> , 2022 , 8,	4.5	1
66	Zinc supplementation in practical diets for pond-raised hybrid snakehead (<i>Channa maculate</i> ? <i>Channa argus</i> ?) fingerlings: Effects on performance, mineral retention and health. <i>Aquaculture Reports</i> , 2022 , 23, 101061	2.3	0
65	A high-fat diet alters lipid accumulation and oxidative stress and reduces the disease resistance of overwintering hybrid yellow catfish (<i>Pelteobagrus fulvidraco</i> ? <i>P. vachelli</i> ?). <i>Aquaculture Reports</i> , 2022 , 23, 101043	2.3	2
64	Effects of dietary protein level on the growth, reproductive performance, and larval quality of female yellow catfish (<i>Pelteobagrus fulvidraco</i>) broodstock. <i>Aquaculture Reports</i> , 2022 , 24, 101102	2.3	1
63	Vitamin C Attenuates Oxidative Stress, Inflammation, and Apoptosis Induced by Acute Hypoxia through the Nrf2/Keap1 Signaling Pathway in Gibel Carp (<i>Carassius gibelio</i>). <i>Antioxidants</i> , 2022 , 11, 935	7.1	0
62	Feed Restriction Alleviates Chronic Thermal Stress-Induced Liver Oxidation and Damages via Reducing Lipid Accumulation in Channel Catfish (<i>Ictalurus punctatus</i>). <i>Antioxidants</i> , 2022 , 11, 980	7.1	
61	The Effects of Dietary <i>Arthrospira platensis</i> on Oxidative Stress Response and Pigmentation in Yellow Catfish <i>Pelteobagrus fulvidraco</i> . <i>Antioxidants</i> , 2022 , 11, 1100	7.1	0
60	Effects of Replacement of Dietary Fishmeal by Cottonseed Protein Concentrate on Growth Performance, Liver Health, and Intestinal Histology of Largemouth Bass (). <i>Frontiers in Physiology</i> , 2021 , 12, 764987	4.6	3
59	Emodin alleviates acute hypoxia-induced apoptosis in gibel carp (<i>Carassius gibelio</i>) by upregulating autophagy through modulation of the AMPK/mTOR pathway. <i>Aquaculture</i> , 2021 , 737689	4.4	3
58	Effects of Dietary Inclusion of <i>Clostridium autoethanogenum</i> Protein on the Growth Performance and Liver Health of Largemouth Bass (<i>Micropterus salmoides</i>). <i>Frontiers in Marine Science</i> , 2021 , 8,	4.5	3
57	Effects of dietary arachidonic acid on reproduction performance, tissue fatty acid profile and gonadal steroidogenesis in female yellow catfish <i>Pelteobagrus fulvidraco</i> . <i>Aquaculture Nutrition</i> , 2021 , 27, 700-711	3.2	4
56	Effects of dietary whole and defatted <i>Arthrospira platensis</i> (Cyanobacterium) on growth, body composition and pigmentation of the yellow catfish <i>Pelteobagrus fulvidraco</i> . <i>Journal of Applied Phycology</i> , 2021 , 33, 2251-2259	3.2	4
55	Differential regulation of endoplasmic reticulum stress-induced autophagy and apoptosis in two strains of gibel carp (<i>Carassius gibelio</i>) exposed to acute waterborne cadmium. <i>Aquatic Toxicology</i> , 2021 , 231, 105721	5.1	5
54	Dissimilar regulation of glucose and lipid metabolism by leptin in two strains of gibel carp (). <i>British Journal of Nutrition</i> , 2021 , 125, 1215-1229	3.6	1
53	Responses of glycolysis, glycogen accumulation and glucose-induced lipogenesis in grass carp and Chinese longsnout catfish fed high-carbohydrate diet. <i>Aquaculture</i> , 2021 , 533, 736146	4.4	4
52	<i>Arthrospira platensis</i> additive enhances the growth performance and antioxidant response in hybrid yellow catfish (<i>Pelteobagrus fulvidraco</i> ? <i>Pelteobagrus vachelli</i> ?). <i>Aquaculture Reports</i> , 2021 , 20, 100721	2.3	4
51	Effects of dietary protein levels on growth and feed utilization in non-transgenic and growth-hormone-gene transgenic common carp (<i>Cyprinus carpio</i> L.). <i>Aquaculture Reports</i> , 2021 , 21, 100854	2.3	0

50	Probiotic intervention mitigates the metabolic disturbances of perfluorobutanesulfonate along the gut-liver axis of zebrafish. <i>Chemosphere</i> , 2021 , 284, 131374	8.4	2
49	The effects of dietary linolenic acid to linoleic acid ratio on growth performance, tissues fatty acid profile and sex steroid hormone synthesis of yellow catfish <i>Pelteobagrus fulvidraco</i> . <i>Aquaculture Reports</i> , 2020 , 17, 100361	2.3	6
48	Effects of dietary <i>Arthrospira platensis</i> supplementation on the growth performance, antioxidation and immune related-gene expression in yellow catfish (<i>Pelteobagrus fulvidraco</i>). <i>Aquaculture Reports</i> , 2020 , 17, 100297	2.3	5
47	Dietary supplementation of <i>Geotrichum candidum</i> improves growth, gut microbiota, immune-related gene expression and disease resistance in gibel carp CAS III (<i>Carassius auratus gibelio</i>). <i>Fish and Shellfish Immunology</i> , 2020 , 99, 144-153	4.3	6
46	Effects of gelatin or carboxymethyl cellulose supplementation during pelleting processing on feed quality, intestinal ultrastructure and growth performance in gibel carp (<i>Carassius gibelio</i>). <i>Aquaculture Nutrition</i> , 2020 , 26, 1244-1254	3.2	2
45	Dietary <i>Scenedesmus ovalternus</i> improves disease resistance of overwintering gibel carp (<i>Carassius gibelio</i>) by alleviating toll-like receptor signaling activation. <i>Fish and Shellfish Immunology</i> , 2020 , 97, 351-358	4.3	11
44	The characteristics of glucose homoeostasis in grass carp and Chinese longsnout catfish after oral starch administration: a comparative study between herbivorous and carnivorous species of fish. <i>British Journal of Nutrition</i> , 2020 , 123, 627-641	3.6	9
43	Optimal form of yeast cell wall promotes growth, immunity and disease resistance in gibel carp (<i>Carassius auratus gibelio</i>). <i>Aquaculture Reports</i> , 2020 , 18, 100465	2.3	2
42	Distinct dietary cadmium toxic effects and defense strategies in two strains of gibel carp (<i>Carassius gibelio</i>) revealed by a comprehensive perspective. <i>Chemosphere</i> , 2020 , 261, 127597	8.4	4
41	Genetically Based Physiological Responses to Overwinter Starvation in Gibel Carp (). <i>Frontiers in Endocrinology</i> , 2020 , 11, 578777	5.7	1
40	Effects of dietary yeast hydrolysate on the growth, antioxidant response, immune response and disease resistance of largemouth bass (<i>Micropterus salmoides</i>). <i>Fish and Shellfish Immunology</i> , 2019 , 94, 548-557	4.3	24
39	Effects of pelleted and extruded feed of different ingredients particle sizes on feed quality and growth performance of gibel carp (<i>Carassius gibelio</i> var. CAS V). <i>Aquaculture</i> , 2019 , 511, 734236	4.4	3
38	Effects of Dietary Carbohydrate and Lipid Concentrations on Growth Performance, Feed Utilization, Glucose, and Lipid Metabolism in Two Strains of Gibel Carp. <i>Frontiers in Veterinary Science</i> , 2019 , 6, 165	3.1	14
37	Effects of dietary <i>Arthrospira platensis</i> supplementation on the growth, pigmentation, and antioxidation in yellow catfish (<i>Pelteobagrus fulvidraco</i>). <i>Aquaculture</i> , 2019 , 510, 267-275	4.4	12
36	Biofloc formation improves water quality and fish yield in a freshwater pond aquaculture system. <i>Aquaculture</i> , 2019 , 506, 256-269	4.4	32
35	Regulations on glucose metabolism affected by dietary carbohydrate in different strains of juvenile gibel carp (<i>Carassius gibelio</i>). <i>Aquaculture Research</i> , 2019 , 50, 1075-1086	1.9	10
34	Effects of photoperiod on growth, lipid metabolism and oxidative stress of juvenile gibel carp (<i>Carassius auratus</i>). <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019 , 198, 111552	6.7	12
33	Effects of genetically modified and non-genetically modified soybeans with different heat treatments on growth and health of Cyprinidae species with different feeding habits. <i>Aquaculture Research</i> , 2019 , 50, 599-610	1.9	3

32	Physiological and transcriptomic responses to fishmeal-based diet and rapeseed meal-based diet in two strains of gibel carp (<i>Carassius gibelio</i>). <i>Fish Physiology and Biochemistry</i> , 2019 , 45, 267-286	2.7	5
31	Effects of inosine 5Tmonophosphate supplementation in high fishmeal and high soybean diets on growth, immune-related gene expression in gibel carp (<i>Carassius auratus gibelio</i> var. CAS III), and its challenge against <i>Aeromonas hydrophila</i> infection. <i>Fish and Shellfish Immunology</i> , 2019 , 86, 913-921	4.3	14
30	Growth, feed utilization and metabolic responses of three gibel carp (<i>Carassius gibelio</i>) strains to fishmeal and plant protein-based diets. <i>Aquaculture Nutrition</i> , 2019 , 25, 319-332	3.2	7
29	Effects of guar gum on the growth performance and intestinal histology of gibel carp (<i>Carassius gibelio</i>). <i>Aquaculture</i> , 2019 , 501, 90-96	4.4	14
28	Effects of light intensity on phototaxis, growth, antioxidant and stress of juvenile gibel carp (<i>Carassius auratus gibelio</i>). <i>Aquaculture</i> , 2019 , 501, 39-47	4.4	13
27	Effects of dietary leucine levels on growth, tissue protein content and relative expression of genes related to protein synthesis in juvenile gibel carp (<i>Carassius auratus gibelio</i> var. CAS III). <i>Aquaculture Research</i> , 2018 , 49, 2240-2248	1.9	16
26	Effects of dietary fishmeal replacement with <i>Spirulina platensis</i> on the growth, feed utilization, digestion and physiological parameters in juvenile gibel carp (<i>Carassius auratus gibelio</i> var. CAS III). <i>Aquaculture Research</i> , 2018 , 49, 1320-1328	1.9	25
25	Different physiological roles of insulin receptors in mediating nutrient metabolism in zebrafish. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018 , 315, E38-E51	6	19
24	Effects of starvation on glucose and lipid metabolism in gibel carp (<i>Carassius auratus gibelio</i> var. CAS III). <i>Aquaculture</i> , 2018 , 496, 166-175	4.4	24
23	Different roles of insulin receptor a and b in maintaining blood glucose homeostasis in zebrafish. <i>General and Comparative Endocrinology</i> , 2018 , 269, 33-45	3	8
22	Effects of dietary yeast culture on growth performance, immune response and disease resistance of gibel carp (<i>Carassius auratus gibelio</i> CAS III). <i>Fish and Shellfish Immunology</i> , 2018 , 82, 400-407	4.3	37
21	Effects of glucose administration on glucose and lipid metabolism in two strains of gibel carp (<i>Carassius gibelio</i>). <i>General and Comparative Endocrinology</i> , 2018 , 267, 18-28	3	12
20	Effect of biofloc technology on water quality and feed utilization in the cultivation of gibel carp (<i>Carassius auratus gibelio</i> var. CAS III). <i>Aquaculture Research</i> , 2018 , 49, 2852-2860	1.9	4
19	Effects of dietary vitamin C on growth, gonad development and antioxidant ability of on-growing gibel carp (<i>Carassius auratus gibelio</i> var. CAS III). <i>Aquaculture Research</i> , 2018 , 49, 1242-1249	1.9	9
18	Effect of dietary inclusion of cottonseed meal on growth performance and physiological and immune responses in juvenile grass carp, <i>Ctenopharyngodon idellus</i> . <i>Aquaculture Nutrition</i> , 2018 , 25, 414	3.2	6
17	Replacement of fishmeal by spirulina <i>Arthrospira platensis</i> affects growth, immune related-gene expression in gibel carp (<i>Carassius auratus gibelio</i> var. CAS III), and its challenge against <i>Aeromonas hydrophila</i> infection. <i>Fish and Shellfish Immunology</i> , 2018 , 79, 265-273	4.3	29
16	Effect of substitution of dietary fish meal by soybean meal on different sizes of gibel carp (<i>Carassius auratus gibelio</i>): digestive enzyme gene expressions and activities, and intestinal and hepatic histology. <i>Aquaculture Nutrition</i> , 2017 , 23, 129-147	3.2	25
15	Dietary selenium requirement for on-growing gibel carp (<i>Carassius auratus gibelio</i> var. CAS III). <i>Aquaculture Research</i> , 2017 , 48, 2841-2851	1.9	17

14	Different regulation of insulin on glucose and lipid metabolism in 2 strains of gibel carp. <i>General and Comparative Endocrinology</i> , 2017 , 246, 363-371	3	15
13	Dietary available phosphorus requirement for on-growing gibel carp (<i>Carassius auratus gibelio</i> var. CAS III). <i>Aquaculture Nutrition</i> , 2017 , 23, 1104-1112	3.2	12
12	Effects of food restriction on growth, body composition and gene expression related in regulation of lipid metabolism and food intake in grass carp. <i>Aquaculture</i> , 2017 , 469, 28-35	4.4	19
11	Effects of dietary <i>Tenebrio molitor</i> meal on the growth performance, immune response and disease resistance of yellow catfish (<i>Pelteobagrus fulvidraco</i>). <i>Fish and Shellfish Immunology</i> , 2017 , 69, 59-66	4.3	55
10	Effect of dietary cottonseed meal on growth performance, physiological response, and gossypol accumulation in pre-adult grass carp, <i>Ctenopharyngodon idellus</i> . <i>Chinese Journal of Oceanology and Limnology</i> , 2016 , 34, 992-1003		11
9	Effects of dietary vitamin A on growth, hematology, digestion and lipometabolism of on-growing gibel carp (<i>Carassius auratus gibelio</i> var. CAS III). <i>Aquaculture</i> , 2016 , 460, 83-89	4.4	18
8	Effect of substitution of dietary fishmeal by soya bean meal on different sizes of gibel carp (<i>Carassius auratus gibelio</i>): nutrient digestibility, growth performance, body composition and morphometry. <i>Aquaculture Nutrition</i> , 2016 , 22, 142-157	3.2	24
7	Growth performance, digestive enzyme, transaminase and GH-IGF-I axis gene responsiveness to different dietary protein levels in broodstock allogynetic gibel carp (<i>Carassius auratus gibelio</i>) CAS III. <i>Aquaculture</i> , 2015 , 446, 290-297	4.4	30
6	Influence of the forms and levels of dietary selenium on antioxidant status and oxidative stress-related parameters in rainbow trout (<i>Oncorhynchus mykiss</i>) fry. <i>British Journal of Nutrition</i> , 2015 , 113, 1876-87	3.6	52
5	Effect of dietary magnesium supplementation on the growth performance of juvenile gibel carp, <i>Carassius auratus gibelio</i> . <i>Aquaculture Nutrition</i> , 2012 , 18, 512-520	3.2	11
4	The effects of dietary selenium on growth performances, oxidative stress and tissue selenium concentration of gibel carp (<i>Carassius auratus gibelio</i>). <i>Aquaculture Nutrition</i> , 2011 , 17, e741-e749	3.2	90
3	The effect of dietary <i>Tenebrio molitor</i> meal inclusion on growth performance and liver health of largemouth bass (<i>Micropterus salmoides</i>). <i>Journal of Insects As Food and Feed</i> , 1-14	4.4	2
2	Effect of Different Protein Source Diets on Growth, Sensory Parameters and Flesh texture of On-Growing Grass Carp (<i>Ctenopharyngodon idellus</i>). <i>Israeli Journal of Aquaculture - Bamidgeh</i> ,		2
1	The ratio between digestible protein and digestible energy affects accumulation and depuration of geosmin and 2-methylisoborneol (2-MIB) in Japanese seabass (<i>Lateolabrax japonicus</i>) raised in a recirculated aquaculture system. <i>Aquaculture Research</i> ,	1.9	1