Hao-Kun Liu

List of Publications by Citations

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	The effects of dietary selenium on growth performances, oxidative stress and tissue selenium concentration of gibel carp (Carassius auratus gibelio). *Aquaculture Nutrition*, **2011**, 17, e741-e749	3.2	90
66	Effects of dietary Tenebrio molitor meal on the growth performance, immune response and disease resistance of yellow catfish (Pelteobagrus fulvidraco). *Fish and Shellfish Immunology*, **2017**, 69, 59-66	4.3	55
65	Influence of the forms and levels of dietary selenium on antioxidant status and oxidative stress-related parameters in rainbow trout (Oncorhynchus mykiss) fry. *British Journal of Nutrition*, **2015**, 113, 1876-87	3.6	52
64	Effects of dietary yeast culture on growth performance, immune response and disease resistance of gibel carp (Carassius auratus gibelio CAS III). *Fish and Shellfish Immunology*, **2018**, 82, 400-407	4.3	37
63	Biofloc formation improves water quality and fish yield in a freshwater pond aquaculture system. *Aquaculture*, **2019**, 506, 256-269	4.4	32
62	Growth performance, digestive enzyme, transaminase and GH-IGF-I axis gene responsiveness to different dietary protein levels in broodstock allogenogynetic gibel carp (Carassius auratus gibelio) CAS III. *Aquaculture*, **2015**, 446, 290-297	4.4	30
61	Replacement of fishmeal by spirulina Arthrospira platensis affects growth, immune related-gene expression in gibel carp (Carassius auratus gibelio var. CAS III), and its challenge against Aeromonas hydrophila infection. *Fish and Shellfish Immunology*, **2018**, 79, 265-273	4.3	29
60	Effect of substitution of dietary fish meal by soybean meal on different sizes of gibel carp (Carassius auratus gibelio): digestive enzyme gene expressions and activities, and intestinal and hepatic histology. *Aquaculture Nutrition*, **2017**, 23, 129-147	3.2	25
59	Effects of dietary fishmeal replacement with Spirulina platensis on the growth, feed utilization, digestion and physiological parameters in juvenile gibel carp (Carassis auratus gibelio var. CAS III). *Aquaculture Research*, **2018**, 49, 1320-1328	1.9	25
58	Effects of dietary yeast hydrolysate on the growth, antioxidant response, immune response and disease resistance of largemouth bass (Micropterus salmoides). *Fish and Shellfish Immunology*, **2019**, 94, 548-557	4.3	24
57	Effects of starvation on glucose and lipid metabolism in gibel carp (Carassius auratus gibelio var. CAS III). *Aquaculture*, **2018**, 496, 166-175	4.4	24
56	Effect of substitution of dietary fishmeal by soya bean meal on different sizes of gibel carp (Carassius auratus gibelio): nutrient digestibility, growth performance, body composition and morphometry. *Aquaculture Nutrition*, **2016**, 22, 142-157	3.2	24
55	Effects of food restriction on growth, body composition and gene expression related in regulation of lipid metabolism and food intake in grass carp. *Aquaculture*, **2017**, 469, 28-35	4.4	19
54	Different physiological roles of insulin receptors in mediating nutrient metabolism in zebrafish. *American Journal of Physiology - Endocrinology and Metabolism*, **2018**, 315, E38-E51	6	19
53	Effects of dietary vitamin A on growth, hematology, digestion and lipometabolism of on-growing gibel carp (Carassius auratus gibelio var. CAS III). *Aquaculture*, **2016**, 460, 83-89	4.4	18
52	Dietary selenium requirement for on-growing gibel carp (Carassius auratus gibelio var. CAS III). *Aquaculture Research*, **2017**, 48, 2841-2851	1.9	17
51	Effects of dietary leucine levels on growth, tissue protein content and relative expression of genes related to protein synthesis in juvenile gibel carp (Carassius auratus gibelio var. CAS III). *Aquaculture Research*, **2018**, 49, 2240-2248	1.9	16

50	Different regulation of insulin on glucose and lipid metabolism in 2 strains of gibel carp. *General and Comparative Endocrinology*, **2017**, 246, 363-371	3	15
49	Effects of Dietary Carbohydrate and Lipid Concentrations on Growth Performance, Feed Utilization, Glucose, and Lipid Metabolism in Two Strains of Gibel Carp. *Frontiers in Veterinary Science*, **2019**, 6, 165	3.1	14
48	Effects of inosine 5Ŧmonophosphate supplementation in high fishmeal and high soybean diets on growth, immune-related gene expression in gibel carp (Carassius auratus gibelio var. CAS III), and its challenge against Aeromonas hydrophila infection. *Fish and Shellfish Immunology*, **2019**, 86, 913-921	4.3	14
47	Effects of guar gum on the growth performance and intestinal histology of gibel carp (Carassius gibelio). *Aquaculture*, **2019**, 501, 90-96	4.4	14
46	Effects of light intensity on phototaxis, growth, antioxidant and stress of juvenile gibel carp (Carassius auratus gibelio). *Aquaculture*, **2019**, 501, 39-47	4.4	13
45	Dietary available phosphorus requirement for on-growing gibel carp (Carassius auratus gibelio var. CAS III). *Aquaculture Nutrition*, **2017**, 23, 1104-1112	3.2	12
44	Effects of dietary Arthrospira platensis supplementation on the growth, pigmentation, and antioxidation in yellow catfish (Pelteobagrus fulvidraco). *Aquaculture*, **2019**, 510, 267-275	4.4	12
43	Effects of glucose administration on glucose and lipid metabolism in two strains of gibel carp (Carassius gibelio). *General and Comparative Endocrinology*, **2018**, 267, 18-28	3	12
42	Effects of photoperiod on growth, lipid metabolism and oxidative stress of juvenile gibel carp (Carassius auratus). *Journal of Photochemistry and Photobiology B: Biology*, **2019**, 198, 111552	6.7	12
41	Effect of dietary magnesium supplementation on the growth performance of juvenile gibel carp, Carassius auratus gibelio. *Aquaculture Nutrition*, **2012**, 18, 512-520	3.2	11
40	Dietary Scenedesmus ovalternus improves disease resistance of overwintering gibel carp (Carassius gibelio) by alleviating toll-like receptor signaling activation. *Fish and Shellfish Immunology*, **2020**, 97, 351-358	4.3	11
39	Effect of dietary cottonseed meal on growth performance, physiological response, and gossypol accumulation in pre-adult grass carp, Ctenopharyngodon idellus. *Chinese Journal of Oceanology and Limnology*, **2016**, 34, 992-1003		11
38	Regulations on glucose metabolism affected by dietary carbohydrate in different strains of juvenile gibel carp (Carassius gibelio). *Aquaculture Research*, **2019**, 50, 1075-1086	1.9	10
37	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. *British Journal of Nutrition*, **2020**, 123, 627-641	3.6	9
36	Effects of dietary vitamin C on growth, gonad development and antioxidant ability of on-growing gibel carp (Carassius auratus gibelio var. CAS III). *Aquaculture Research*, **2018**, 49, 1242-1249	1.9	9
35	Different roles of insulin receptor a and b in maintaining blood glucose homeostasis in zebrafish. *General and Comparative Endocrinology*, **2018**, 269, 33-45	3	8
34	Growth, feed utilization and metabolic responses of three gibel carp (Carassius gibelio) strains to fishmeal and plant protein-based diets. *Aquaculture Nutrition*, **2019**, 25, 319-332	3.2	7
33	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 Pelteobagrus fulvidraco. *Aquaculture Reports*, **2020**, 17, 100361	2.3	6

32	Dietary supplementation of Geotrichum candidum improves growth, gut microbiota, immune-related gene expression and disease resistance in gibel carp CAS III (Carassius auratus gibelio). *Fish and Shellfish Immunology*, **2020**, 99, 144-153	4.3	6
31	Effect of dietary inclusion of cottonseed meal on growth performance and physiological and immune responses in juvenile grass carp, Ctenopharyngodon idellus. *Aquaculture Nutrition*, **2018**, 25, 414	3.2	6
30	Effects of dietary Arthrospira platensis supplementation on the growth performance, antioxidation and immune related-gene expression in yellow catfish (Pelteobagrus fulvidraco). *Aquaculture Reports*, **2020**, 17, 100297	2.3	5
29	Physiological and transcriptomic responses to fishmeal-based diet and rapeseed meal-based diet in two strains of gibel carp (Carassius gibelio). *Fish Physiology and Biochemistry*, **2019**, 45, 267-286	2.7	5
28	Differential regulation of endoplasmic reticulum stress-induced autophagy and apoptosis in two strains of gibel carp (Carassius gibelio) exposed to acute waterborne cadmium. *Aquatic Toxicology*, **2021**, 231, 105721	5.1	5
27	Effect of biofloc technology on water quality and feed utilization in the cultivation of gibel carp (Carassius auratus gibelio var. CAS III). *Aquaculture Research*, **2018**, 49, 2852-2860	1.9	4
26	Effects of dietary arachidonic acid on reproduction performance, tissue fatty acid profile and gonadal steroidogenesis in female yellow catfish Pelteobagrus fulvidraco. *Aquaculture Nutrition*, **2021**, 27, 700-711	3.2	4
25	Distinct dietary cadmium toxic effects and defense strategies in two strains of gibel carp (Carassius gibelio) revealed by a comprehensive perspective. *Chemosphere*, **2020**, 261, 127597	8.4	4
24	Effects of dietary whole and defatted Arthrospira platensis (Cyanobacterium) on growth, body composition and pigmentation of the yellow catfish Pelteobagrus fulvidraco. *Journal of Applied Phycology*, **2021**, 33, 2251-2259	3.2	4
23	Responses of glycolysis, glycogen accumulation and glucose-induced lipogenesis in grass carp and Chinese longsnout catfish fed high-carbohydrate diet. *Aquaculture*, **2021**, 533, 736146	4.4	4
22	Arthrospira platensis additive enhances the growth performance and antioxidant response in hybrid yellow catfish (Pelteobagrus fulvidraco? Pelteobagrus vachelli?). *Aquaculture Reports*, **2021**, 20, 100721	2.3	4
21	Effects of pelleted and extruded feed of different ingredients particle sizes on feed quality and growth performance of gibel carp (Carassius gibelio var. CAS V). *Aquaculture*, **2019**, 511, 734236	4.4	3
20	Effects of genetically modified and non-genetically modified soybeans with different heat treatments on growth and health of Cyprinidae species with different feeding habits. *Aquaculture Research*, **2019**, 50, 599-610	1.9	3
19	Effects of Replacement of Dietary Fishmeal by Cottonseed Protein Concentrate on Growth Performance, Liver Health, and Intestinal Histology of Largemouth Bass ().. *Frontiers in Physiology*, **2021**, 12, 764987	4.6	3
18	Emodin alleviates acute hypoxia-induced apoptosis in gibel carp (Carassius gibelio) by upregulating autophagy through modulation of the AMPK/mTOR pathway. *Aquaculture*, **2021**, 737689	4.4	3
17	Effects of Dietary Inclusion of Clostridium autoethanogenum Protein on the Growth Performance and Liver Health of Largemouth Bass (Micropterus salmoides). *Frontiers in Marine Science*, **2021**, 8,	4.5	3
16	Effects of gelatin or carboxymethyl cellulose supplementation during pelleting processing on feed quality, intestinal ultrastructure and growth performance in gibel carp (Carassius gibelio). *Aquaculture Nutrition*, **2020**, 26, 1244-1254	3.2	2
15	The effect of dietary Tenebrio molitor meal inclusion on growth performance and liver health of largemouth bass (Micropterus salmoides). *Journal of Insects As Food and Feed*,1-14	4.4	2

14	Effect of Different Protein Source Diets on Growth, Sensory Parameters and Flesh texture of On-Growing Grass Carp (Ctenopharyngodon idellus). *Israeli Journal of Aquaculture - Bamidgeh*,		2
13	Optimal form of yeast cell wall promotes growth, immunity and disease resistance in gibel carp (Carassius auratus gibelio). *Aquaculture Reports*, **2020**, 18, 100465	2.3	2
12	Probiotic intervention mitigates the metabolic disturbances of perfluorobutanesulfonate along the gut-liver axis of zebrafish. *Chemosphere*, **2021**, 284, 131374	8.4	2
11	A high-fat diet alters lipid accumulation and oxidative stress and reduces the disease resistance of overwintering hybrid yellow catfish (Pelteobagrus fulvidraco?Đ. vachelli?). *Aquaculture Reports*, **2022**, 23, 101043	2.3	2
10	Complete Replacement of Fishmeal With Plant Protein Ingredients in Gibel Carp (Carassius auratus gibelio) Diets by Supplementation With Essential Amino Acids Without Negative Impact on Growth Performance and Muscle Growth-Related Biomarkers. *Frontiers in Marine Science*, **2022**, 8,	4.5	1
9	Genetically Based Physiological Responses to Overwinter Starvation in Gibel Carp (). *Frontiers in Endocrinology*, **2020**, 11, 578777	5.7	1
8	Dissimilar regulation of glucose and lipid metabolism by leptin in two strains of gibel carp (). *British Journal of Nutrition*, **2021**, 125, 1215-1229	3.6	1
7	The ratio between digestible protein and digestible energy affects accumulation and depuration of geosmin and 2-methylisoborneol (2-MIB) in Japanese seabass (Lateolabrax japonicus) raised in a recirculated aquaculture system. *Aquaculture Research*,	1.9	1
6	Effects of dietary protein level on the growth, reproductive performance, and larval quality of female yellow catfish (Pelteobagrus fulvidraco) broodstock. *Aquaculture Reports*, **2022**, 24, 101102	2.3	1
5	Effects of dietary protein levels on growth and feed utilization in non-transgenic and growth-hormone-gene transgenic common carp (Cyprinus carpio L.). *Aquaculture Reports*, **2021**, 21, 100854	2.3	0
4	Zinc supplementation in practical diets for pond-raised hybrid snakehead (Channa maculate ? □ Channa argus ?) fingerlings: Effects on performance, mineral retention and health. *Aquaculture Reports*, **2022**, 23, 101061	2.3	0
3	Vitamin C Attenuates Oxidative Stress, Inflammation, and Apoptosis Induced by Acute Hypoxia through the Nrf2/Keap1 Signaling Pathway in Gibel Carp (Carassius gibelio). *Antioxidants*, **2022**, 11, 935	7.1	0
2	The Effects of Dietary Arthrospira platensis on Oxidative Stress Response and Pigmentation in Yellow Catfish Pelteobagrus fulvidraco. *Antioxidants*, **2022**, 11, 1100	7.1	0
1	Feed Restriction Alleviates Chronic Thermal Stress-Induced Liver Oxidation and Damages via Reducing Lipid Accumulation in Channel Catfish (Ictalurus punctatus). *Antioxidants*, **2022**, 11, 980	7.1	