

Shouqi Xie

List of Publications by Year in descending order

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84
papers

2,132
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257101

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docs citations

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times ranked

1801
citing authors

#	ARTICLE	IF	CITATIONS
1	Freshwater aquaculture in China: trends and prospects. <i>Reviews in Aquaculture</i> , 2015, 7, 283-302.	4.6	165
2	Dietary phosphorus requirement of juvenile black seabream, <i>Sparus macrocephalus</i> . <i>Aquaculture</i> , 2008, 277, 92-100.	1.7	122
3	A revisit to fishmeal usage and associated consequences in Chinese aquaculture. <i>Reviews in Aquaculture</i> , 2018, 10, 493-507.	4.6	97
4	Effects of dietary lipid levels on growth, survival and lipid metabolism during early ontogeny of <i>Pelteobagrus vachelli</i> larvae. <i>Aquaculture</i> , 2010, 299, 121-127.	1.7	88
5	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.	1.6	82
6	Partial and total replacement of fishmeal with poultry by-product meal in diets for gibel carp, <i>Carassius auratus gibelio</i> Bloch. <i>Aquaculture Research</i> , 2006, 37, 40-48.	0.9	67
7	Effect of high dietary starch levels on the growth performance, blood chemistry and body composition of gibel carp (<i>Carassius auratus</i> var. <i>gibelio</i>). <i>Aquaculture Research</i> , 2009, 40, 1011-1018.	0.9	66
8	Carbohydrate utilization by herbivorous and omnivorous freshwater fish species: a comparative study on gibel carp (<i>Carassius auratus gibelio</i> var. CAS III) and grass carp (<i>Ctenopharyngodon idellus</i>). <i>Aquaculture Research</i> , 2016, 47, 128-139.	0.9	61
9	Biofloc formation improves water quality and fish yield in a freshwater pond aquaculture system. <i>Aquaculture</i> , 2019, 506, 256-269.	1.7	61
10	Dietary arginine requirement for gibel carp (<i>Carassius auratus gibelio</i> var. CAS III) reduces with fish size from 50g to 150g associated with modulation of genes involved in TOR signaling pathway. <i>Aquaculture</i> , 2015, 449, 37-47.	1.7	60
11	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.	1.6	56
12	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.	1.6	52
13	Effect of light intensity on growth, survival and skin color of juvenile Chinese longsnout catfish (<i>Leiocassis longirostris</i>). <i>Aquaculture</i> , 2005, 248, 299-306.	1.7	51
14	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.	1.6	47
15	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</i>). <i>Aquaculture</i> , 2019, 497, 1-10.	1.7	47
16	Compensatory growth and food consumption in gibel carp, <i>Carassius auratus gibelio</i> , and Chinese longsnout catfish, <i>Leiocassis longirostris</i> , experiencing cycles of feed deprivation and re-feeding. <i>Aquaculture</i> , 2004, 241, 235-247.	1.7	41
17	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.	1.8	36
18	Effects of total replacement of fish oil by pork lard or rapeseed oil and recovery by a fish oil finishing diet on growth, health and fish quality of gibel carp (<i>Carassius auratus gibelio</i>). <i>Aquaculture Research</i> , 2016, 47, 2961-2975.	0.9	33

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19	A bioenergetic model to estimate feed requirement of gibel carp, <i>Carassius auratus gibelio</i> . <i>Aquaculture</i> , 2005, 248, 287-297.	1.7	29
20	Effects of feeding frequency and dietary protein levels on juvenile allogynogenetic gibel carp (<i>Carassius auratus gibelio</i>) var. CAS III: growth, feed utilization and serum free essential amino acids dynamics. <i>Aquaculture Research</i> , 2016, 47, 290-303.	0.9	29
21	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.	0.9	29
22	Dietary selenium requirement for on-growing gibel carp (<i>Carassius auratus gibelio</i>) var. CAS III). <i>Aquaculture Research</i> , 2017, 48, 2841-2851.	0.9	28
23	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.	1.7	28
24	Effect of a feeding stimulant on feeding adaptation of gibel carp <i>Carassius auratus gibelio</i> (Bloch), fed diets with replacement of fish meal by meat and bone meal. <i>Aquaculture Research</i> , 2004, 35, 473-482.	0.9	27
25	Effects of Replacement of Dietary Fishmeal by Cottonseed Protein Concentrate on Growth Performance, Liver Health, and Intestinal Histology of Largemouth Bass (<i>Micropterus salmoides</i>). <i>Frontiers in Physiology</i> , 2021, 12, 764987.	1.3	27
26	Effect of ration on the growth and energy budget of Chinese longsnout catfish, <i>Leiocassis longirostris</i> Gunther. <i>Aquaculture Research</i> , 2004, 35, 866-873.	0.9	26
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.	0.9	26
28	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.	1.7	24
29	Two filamentous microalgae as feed ingredients improved flesh quality and enhanced antioxidant capacity and immunity of the gibel carp (<i>Carassius auratus gibelio</i>). <i>Aquaculture Nutrition</i> , 2019, 25, 1145-1155.	1.1	23
30	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.	2.2	23
31	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.	0.8	22
32	Quantitative trait loci mapping for feed conversion efficiency in crucian carp (<i>Carassius auratus</i>). <i>Scientific Reports</i> , 2017, 7, 16971.	1.6	22
33	Effects of inosine 5â€²-monophosphate supplementation in high fishmeal and high soybean diets on growth, immune-related gene expression in gibel carp (<i>Carassius auratus gibelio</i> var. CAS â€¦), and its challenge against <i>Aeromonas hydrophila</i> infection. <i>Fish and Shellfish Immunology</i> , 2019, 86, 913-921.	1.6	21
34	Effects of guar gum on the growth performance and intestinal histology of gibel carp (<i>Carassius</i>) Tj ETQq0 0 0 rgBT /Overlock, 10 Tf 50 1	1.7	21
35	Dietary <i>Scenedesmus ovalternus</i> improves disease resistance of overwintering gibel carp (<i>Carassius</i>) Tj ETQq1 1 0.784314 rgBT /Overlock, 10 Tf 50 1 351-358.	1.6	21
36	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.	0.9	20

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37	Repeated handling compromises the immune suppression and improves the disease resistance in overwintering channel catfish (<i>Ictalurus punctatus</i>). <i>Fish and Shellfish Immunology</i> , 2015, 47, 418-428.	1.6	18
38	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.	0.8	18
39	The characteristics of glucose homeostasis 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.	1.2	17
40	Effect of water temperature on the growth performance and digestive enzyme activities of Chinese longsnout catfish (<i>Leiocassis longirostris</i> Günther). <i>Aquaculture Research</i> , 2009, 40, 1864-1872.	0.9	16
41	Effects of different weaning strategies on survival and growth in Chinese longsnout catfish (<i>Leiocassis longirostris</i> Günther) larvae. <i>Aquaculture</i> , 2012, 364-365, 13-18.	1.7	16
42	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.	0.7	16
43	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> , 2022, 548, 737689.	1.7	16
44	Optimum temperature for the growth performance of juvenile orange-spotted grouper (<i>Epinephelus</i>) Tj ETQq0 0 0 0 BT /Overlock 10 Tf	0.7	15
45	Effects of dietary soy isoflavones on growth, antioxidant status, immune response and resistance of juvenile grass carp (<i>Ctenopharyngodon idella</i>) to <i>Aeromonas hydrophila</i> challenge. <i>Aquaculture Research</i> , 2020, 51, 2472-2482.	0.9	15
46	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.	1.9	15
47	Effects of repeated handling and air exposure on the immune response and the disease resistance of gibel carp (<i>Carassius auratus gibelio</i>) over winter. <i>Fish and Shellfish Immunology</i> , 2015, 47, 933-941.	1.6	14
48	Sequence, genomic organization and expression of ghrelin receptor in grass carp, <i>Ctenopharyngodon idellus</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2015, 179, 54-61.	0.8	14
49	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.	0.8	14
50	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.	0.9	13
51	Effects of dietary ascorbic acid supplementation on the growth performance, immune and stress response in juvenile <i>Leiocassis longirostris</i> Günther exposed to ammonia. <i>Aquaculture Research</i> , 2008, 39, ???-???	0.9	12
52	Feasibility of partial replacement of fishmeal with proteins from different sources in diets of Korean rockfish (<i>Sebastes schlegelii</i>). <i>Journal of Ocean University of China</i> , 2014, 13, 1054-1060.	0.6	12
53	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.	0.9	12
54	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.	1.1	12

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55	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.	1.1	12
56	Distinct dietary cadmium toxic effects and defense strategies in two strains of gibel carp (<i>Carassius auratus gibelio</i>) fed diets with different levels of cadmium. <i>Aquaculture Nutrition</i> , 2021, 27, 1738-1749.	1.1	10
57	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.	1.5	11
58	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.	0.9	10
59	Adaptations of hepatic lipid and glucose metabolism in response to high-macronutrient diets in juvenile grass carp. <i>Aquaculture Nutrition</i> , 2021, 27, 1738-1749.	1.1	10
60	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.	0.7	9
61	Effects of dietary supplementation with filamentous microalgae (<i>Oedocladium</i> sp. or <i>Chlorella</i> sp.) on growth, pigmentation, and immune response of yellow catfish (<i>Pelteobagrus fulvidraco</i>). <i>Journal of the World Aquaculture Society</i> , 2021, 52, 1273-1289.	1.2	9
62	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.	0.7	9
63	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.	0.7	8
64	Complete Replacement of Fishmeal With Plant Protein Ingredients in Gibel Carp (<i>Carassius auratus</i>) Fed Diets with Different Levels of Plant Protein. <i>Frontiers in Marine Science</i> , 2022, 8, .	1.2	8
65	4-Octyl Itaconate Supplementation Relieves Soybean Diet-Induced Liver Inflammation and Glycolipid Metabolic Disorders by Activating the Nrf2-Ppar α Pathway in Juvenile Gibel Carp. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 520-531.	2.4	8
66	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.	1.1	7
67	Dietary supplementation with fermented plant meal enhances growth, antioxidant capacity and expression of TOR signaling pathway genes in gibel carp (<i>Carassius auratus gibelio</i> var. CAS V). <i>Aquaculture Reports</i> , 2021, 19, 100559.	0.7	7
68	Effects of tributyrin on growth performance, immune response and intestinal barrier function of juvenile grass carp (<i>Ctenopharyngodon idellus</i>) fed diets with high cottonseed and rapeseed meal. <i>Aquaculture Nutrition</i> , 2021, 27, 2468-2480.	1.1	7
69	Growth and Meat Quality of Grass Carp (<i>Ctenopharyngodon idellus</i>) Responded to Dietary Protein (Soybean Meal) Level Through the Muscle Metabolism and Gene Expression of Myosin Heavy Chains. <i>Frontiers in Nutrition</i> , 2022, 9, 833924.	1.6	7
70	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.	0.9	6
71	Genomic polymorphisms at the <i>chr2</i> locus improve feed conversion efficiency through alleviation of hypothalamus-pituitary-interrenal axis activity in gibel carp (<i>Carassius gibelio</i>). <i>Science China Life Sciences</i> , 2022, 65, 206-214.	2.3	6
72	Tea polyphenols act as a natural antihyperglycemic feed additive candidate in grass carp (<i>Ctenopharyngodon idellus</i>) fed diets with different levels of tea polyphenols. <i>Aquaculture Nutrition</i> , 2021, 27, 1738-1749.	1.1	6

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73	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.	2.2	6
74	Genetically Based Physiological Responses to Overwinter Starvation in Gibel Carp (<i>Carassius gibelio</i>). <i>Frontiers in Endocrinology</i> , 2020, 11, 578777.	1.5	5
75	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.	1.1	5
76	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.	0.7	5
77	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.	2.2	5
78	Dissimilar regulation of glucose and lipid metabolism by leptin in two strains of gibel carp (<i>Carassius gibelio</i>). <i>British Journal of Nutrition</i> , 2021, 125, 1215-1229.	1.2	4
79	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.	0.7	4
80	Physiological responses of Chinese longsnout catfish to water temperature. <i>Chinese Journal of Oceanology and Limnology</i> , 2011, 29, 633-639.	0.7	2
81	Dietary lipid and gross energy affect protein utilization in the rare minnow <i>Gobiocypris rarus</i> . <i>Chinese Journal of Oceanology and Limnology</i> , 2016, 34, 740-748.	0.7	2
82	Dietary available phosphorus requirement for juvenile gibel carp (<i>Carassius auratus gibelio</i> var. CASIII). <i>Aquaculture Research</i> , 2018, 49, 1284-1292.	0.9	2
83	Effects of tea polyphenols on the growth performance, carbohydrate metabolism of grass carp (<i>Cyprinus carpio</i>). <i>Aquaculture</i> , 2022, 521, 107843.	1.1	2
84	Two Strains of Gibel Carp (<i>Carassius gibelio</i>) Exhibit Diverse Responses to Carbohydrates in a Low-Lipid Diet. <i>Aquaculture Nutrition</i> , 2022, 2022, 1-11.	1.1	1