

# Jun-Yan Jin

## List of Publications by Year in Descending Order

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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.

52  
papers

714  
citations

15  
h-index

24  
g-index

55  
ext. papers

981  
ext. citations

3.7  
avg. IF

3.99  
L-index

#	Paper	IF	Citations
52	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> , <b>2022</b> , 23, 101043	2.3	2
51	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> , <b>2022</b> , 24, 101102	2.3	1
50	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> , <b>2022</b> , 11, 935	7.1	0
49	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> , <b>2022</b> , 11, 980	7.1	
48	The Effects of Dietary <i>Arthrospira platensis</i> on Oxidative Stress Response and Pigmentation in Yellow Catfish <i>Pelteobagrus fulvidraco</i> . <i>Antioxidants</i> , <b>2022</b> , 11, 1100	7.1	0
47	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> , <b>2021</b> , 12, 764987	4.6	3
46	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> , <b>2021</b> , 737689	4.4	3
45	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> , <b>2021</b> , 27, 700-711	3.2	4
44	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> , <b>2021</b> , 33, 2251-2259	3.2	4
43	Genomic polymorphisms at the <i>crhr2</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> , <b>2021</b> , 1	8.5	1
42	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> , <b>2021</b> , 231, 105721	5.1	5
41	Dissimilar regulation of glucose and lipid metabolism by leptin in two strains of gibel carp (). <i>British Journal of Nutrition</i> , <b>2021</b> , 125, 1215-1229	3.6	1
40	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> , <b>2020</b> , 17, 100361	2.3	6
39	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> , <b>2020</b> , 26, 1244-1254	3.2	2
38	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> , <b>2020</b> , 97, 351-358	4.3	11
37	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> , <b>2020</b> , 123, 627-641	3.6	9
36	Optimal form of yeast cell wall promotes growth, immunity and disease resistance in gibel carp ( <i>Carassius auratus gibelio</i> ). <i>Aquaculture Reports</i> , <b>2020</b> , 18, 100465	2.3	2

35	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> , <b>2020</b> , 261, 127597	8.4	4
34	Genetically Based Physiological Responses to Overwinter Starvation in Gibel Carp (). <i>Frontiers in Endocrinology</i> , <b>2020</b> , 11, 578777	5.7	1
33	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> , <b>2019</b> , 94, 548-557	4.3	24
32	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> , <b>2019</b> , 6, 165	3.1	14
31	Biofloc formation improves water quality and fish yield in a freshwater pond aquaculture system. <i>Aquaculture</i> , <b>2019</b> , 506, 256-269	4.4	32
30	Regulations on glucose metabolism affected by dietary carbohydrate in different strains of juvenile gibel carp ( <i>Carassius gibelio</i> ). <i>Aquaculture Research</i> , <b>2019</b> , 50, 1075-1086	1.9	10
29	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> , <b>2019</b> , 198, 111552	6.7	12
28	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> , <b>2019</b> , 50, 599-610	1.9	3
27	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> , <b>2019</b> , 45, 267-286	2.7	5
26	Effects of inosine 5Umonophosphate 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> , <b>2019</b> , 86, 913-921	4.3	14
25	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> , <b>2019</b> , 25, 319-332	3.2	7
24	Effects of guar gum on the growth performance and intestinal histology of gibel carp ( <i>Carassius gibelio</i> ). <i>Aquaculture</i> , <b>2019</b> , 501, 90-96	4.4	14
23	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> , <b>2018</b> , 49, 2240-2248	1.9	16
22	Dietary available phosphorus requirement for juvenile gibel carp ( <i>Carassius auratus gibelio</i> var. CASIII). <i>Aquaculture Research</i> , <b>2018</b> , 49, 1284-1292	1.9	1
21	Effects of dietary fishmeal replacement with <i>Spirulina platensis</i> on the growth, feed utilization, digestion and physiological parameters in juvenile gibel carp ( <i>Carassis auratus gibelio</i> var. CAS III). <i>Aquaculture Research</i> , <b>2018</b> , 49, 1320-1328	1.9	25
20	Different physiological roles of insulin receptors in mediating nutrient metabolism in zebrafish. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2018</b> , 315, E38-E51	6	19
19	Different roles of insulin receptor a and b in maintaining blood glucose homeostasis in zebrafish. <i>General and Comparative Endocrinology</i> , <b>2018</b> , 269, 33-45	3	8
18	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> , <b>2018</b> , 82, 400-407	4.3	37

17	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> , <b>2018</b> , 267, 18-28	3	12
16	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> , <b>2018</b> , 49, 2852-2860	1.9	4
15	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> , <b>2018</b> , 49, 1242-1249	1.9	9
14	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> , <b>2018</b> , 25, 414	3.2	6
13	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> , <b>2018</b> , 79, 265-273	4.3	29
12	Dietary selenium requirement for on-growing gibel carp ( <i>Carassius auratus gibelio</i> var. CAS III). <i>Aquaculture Research</i> , <b>2017</b> , 48, 2841-2851	1.9	17
11	Different regulation of insulin on glucose and lipid metabolism in 2 strains of gibel carp. <i>General and Comparative Endocrinology</i> , <b>2017</b> , 246, 363-371	3	15
10	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> , <b>2017</b> , 69, 59-66	4.3	55
9	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> , <b>2016</b> , 47, 2961-2975	1.9	22
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> , <b>2016</b> , 47, 128-139	1.9	43
7	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> , <b>2016</b> , 34, 992-1003		11
6	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> , <b>2016</b> , 47, 290-303	1.9	22
5	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> , <b>2015</b> , 47, 933-41	4.3	11
4	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> , <b>2015</b> , 47, 418-28	4.3	13
3	Insulin regulates lipid and glucose metabolism similarly in two lines of rainbow trout divergently selected for muscle fat content. <i>General and Comparative Endocrinology</i> , <b>2014</b> , 204, 49-59	3	26
2	Comparison of glucose and lipid metabolic gene expressions between fat and lean lines of rainbow trout after a glucose load. <i>PLoS ONE</i> , <b>2014</b> , 9, e105548	3.7	38
1	Antibacterial and antiviral roles of a fish $\beta$ -defensin expressed both in pituitary and testis. <i>PLoS ONE</i> , <b>2010</b> , 5, e12883	3.7	80