

# Jun-Yan Jin

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

1,245  
citations

361045

20  
h-index

414034

32  
g-index

55  
all docs

55  
docs citations

55  
times ranked

1150  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antibacterial and Antiviral Roles of a Fish $\hat{I}^2$ -Defensin Expressed Both in Pituitary and Testis. <i>PLoS ONE</i> , 2010, 5, e12883.	1.1	88
2	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
3	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
4	Biofloc formation improves water quality and fish yield in a freshwater pond aquaculture system. <i>Aquaculture</i> , 2019, 506, 256-269.	1.7	61
5	Effects of dietary yeast culture on growth performance, immune response and disease resistance of gibel carp ( <i>Carassius auratus gibelio</i> CAS $\hat{a} \dots \hat{c}$ ). <i>Fish and Shellfish Immunology</i> , 2018, 82, 400-407.	1.6	56
6	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
7	Comparison of Glucose and Lipid Metabolic Gene Expressions between Fat and Lean Lines of Rainbow Trout after a Glucose Load. <i>PLoS ONE</i> , 2014, 9, e105548.	1.1	51
8	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
9	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>Tj ETQq1 1 0.7843140 BT / Overlock 10</i>		
10	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
11	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
12	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> , 2014, 204, 49-59.	0.8	31
13	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
14	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
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.	0.9	28
16	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
17	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
18	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

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19	Effects of fish meal replacement with Chlorella meal on growth performance, pigmentation, and liver health of largemouth bass ( <i>Micropterus salmoides</i> ). <i>Animal Nutrition</i> , 2022, 10, 26-40.	2.1	23
20	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
21	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
22	Effects of inosine 5'-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 $\Phi$ ), and its challenge against <i>Aeromonas hydrophila</i> infection. <i>Fish and Shellfish Immunology</i> , 2019, 86, 913-921.	1.6	21
23	Effects of guar gum on the growth performance and intestinal histology of gibel carp ( <i>Carassius</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 TF 5	1.7	21
24	Dietary <i>Scenedesmus ovalternus</i> improves disease resistance of overwintering gibel carp ( <i>Carassius</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 TF 5 351-358.	1.6	21
25	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
26	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
27	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
28	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
29	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
30	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
31	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
32	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
33	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
34	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
35	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
36	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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37	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
38	Distinct dietary cadmium toxic effects and defense strategies in two strains of gibel carp ( <i>Carassius auratus gibelio</i> ). <i>Aquaculture Research</i> , 2021, 50, 1075-1083.	4.2	11
39	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
40	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
41	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
42	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
43	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
44	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
45	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
46	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
47	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
48	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
49	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
50	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
51	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
52	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
53	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
54	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

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55	Taurine Alleviates Cadmium-Induced Toxicity via Genetically Specific Strategies in Two Strains of Gibel Carp ( <i>Carassius gibelio</i> ). <i>Antioxidants</i> , 2022, 11, 1381.	2.2	1