

Dong Han

List of Publications by Year in descending order

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papers

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times ranked

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#	ARTICLE	IF	CITATIONS
1	A revisit to fishmeal usage and associated consequences in Chinese aquaculture. <i>Reviews in Aquaculture</i> , 2018, 10, 493-507.	4.6	97
2	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
3	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
4	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
5	Biofloc formation improves water quality and fish yield in a freshwater pond aquaculture system. <i>Aquaculture</i> , 2019, 506, 256-269.	1.7	61
6	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
7	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
8	Effects of dietary protein level on growth performance, nitrogen and energy budget of juvenile hybrid sturgeon, <i>Acipenser baerii</i> × <i>A. gueldenstaedtii</i> . <i>Aquaculture</i> , 2012, 338-341, 89-95.	1.7	55
9	Effect of dietary cornstarch levels on growth performance, enzyme activity and hepatopancreas histology of juvenile red swamp crayfish, <i>Procambarus clarkii</i> (Girard). <i>Aquaculture</i> , 2014, 426-427, 112-119.	1.7	53
10	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
11	Effect of light intensity on growth, survival and skin color of juvenile Chinese longsnout catfish (<i>Leiocassis longirostris</i> Günther). <i>Aquaculture</i> , 2005, 248, 299-306.	1.7	51
12	Response and recovery of gibel carp from subchronic oral administration of aflatoxin B1. <i>Aquaculture</i> , 2011, 319, 89-97.	1.7	49
13	Effects of starvation on glucose and lipid metabolism in gibel carp (<i>Carassius auratus gibelio</i> var. CAS III). <i>Aquaculture</i> , 2017, 478, 1-7.	1.7	48
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> , 2017, 478, 1-7.	1.7	47
16	Growth performance, digestive enzyme, transaminase and GH-IGF-I axis gene responsiveness to different dietary protein levels in broodstock allogeny genetic gibel carp (<i>Carassius auratus gibelio</i> CAS III). <i>Aquaculture</i> , 2015, 446, 290-297.	1.7	38
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	Effect of dietary aflatoxin B 1 on growth, fecundity and tissue accumulation in gibel carp during the stage of gonad development. <i>Aquaculture</i> , 2014, 428-429, 236-242.	1.7	31
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	Starvation reduces the heat shock protein responses in white sturgeon larvae. <i>Environmental Biology of Fishes</i> , 2012, 93, 333-342.	0.4	28
23	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
24	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.	1.7	28
25	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
26	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
27	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
28	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
29	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.	1.7	25
30	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
31	Hyperplasia and Cellularity Changes in IGF-1-Overexpressing Skeletal Muscle of Crucian Carp. <i>Endocrinology</i> , 2014, 155, 2199-2212.	1.4	23
32	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
33	Effects of fish meal replacement with <i>Chlorella</i> 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
34	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
35	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
36	Effects of dietary cyanobacteria of two different sources on growth and recovery of hybrid tilapia (<i>Oreochromis niloticus</i> — <i>O. aureus</i>). <i>Toxicon</i> , 2009, 54, 208-216.	0.8	21

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37	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.	1.7	21
38	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
39	Effects of guar gum on the growth performance and intestinal histology of gibel carp (<i>Carassius</i>) Tj ETQq1 1 0.784314 rgBT /Overlock	1.7	21
40	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
41	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
42	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.	1.7	20
43	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
44	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
45	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
46	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, .	1.2	17
47	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
48	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
49	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
50	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
51	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
52	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
53	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
54	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

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55	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.	1.7	13
56	Dietary Trivalent Chromium Exposure Up-Regulates Lipid Metabolism in Coral Trout: The Evidence From Transcriptome Analysis. <i>Frontiers in Physiology</i> , 2021, 12, 640898.	1.3	13
57	Effects of dietary ascorbic acid supplementation on the growth performance, immune and stress response in juvenile <i>Leiocassis longirostris</i> Gnter exposed to ammonia. <i>Aquaculture Research</i> , 2008, 39, ???-???	0.9	12
58	Response and recovery of hybrid sturgeon from subchronic oral administration of cyanobacteria. <i>Environmental Toxicology</i> , 2011, 26, 161-170.	2.1	12
59	Feasibility of partial replacement of fishmeal with proteins from different sources in diets of Korean rockfish (<i>Sebastes schlegeli</i>). <i>Journal of Ocean University of China</i> , 2014, 13, 1054-1060.	0.6	12
60	Depletion of insulin receptors leads to β^2 -cell hyperplasia in zebrafish. <i>Science Bulletin</i> , 2017, 62, 486-492.	4.3	12
61	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
62	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
63	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
64	Responses of yellow catfish (<i>Pelteobagrus fulvidraco</i> Richardson) exposed to dietary cyanobacteria and subsequent recovery. <i>Toxicon</i> , 2012, 60, 1298-1306.	0.8	11
65	Distinct dietary cadmium toxic effects and defense strategies in two strains of gibel carp (<i>Carassius</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 4.2 11	0.7	11
66	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
67	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
68	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
69	<i>Arthrospira platensis</i> additive enhances the growth performance and antioxidant response in hybrid yellow catfish (<i>Pelteobagrus fulvidraco</i> ™ \times <i>Pelteobagrus vachelli</i> ™). <i>Aquaculture Reports</i> , 2021, 20, 100721.	0.7	9
70	Effects of dietary supplementation with filamentous microalgae (<i>Oedocladium</i> sp. or) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 152 T 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
71	Sex-specific markers developed by genome-wide 2b-RAD sequencing confirm an XX/XY sex determination system in Chinese longsnout catfish (<i>Leiocassis longirostris</i>). <i>Aquaculture</i> , 2022, 549, 737730.	1.7	9
72	A high-fat diet alters lipid accumulation and oxidative stress and reduces the disease resistance of overwintering hybrid yellow catfish (<i>Pelteobagrus fulvidraco</i> ™ \times <i>P. vachelli</i> ™). <i>Aquaculture Reports</i> , 2022, 23, 101043.	0.7	9

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73	Vitamin D regulates insulin pathway and glucose metabolism in zebrafish (<i>Danio rerio</i>). <i>FASEB Journal</i> , 2022, 36, e22330.	0.2	9
74	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
75	Heterozygous depletion of <i>pik3r1</i> improves growth and feed conversion efficiency in Gibel carp (<i>Carassius gibelio</i>). <i>Aquaculture</i> , 2021, 545, 737207.	1.7	8
76	Complete Replacement of Fishmeal With Plant Protein Ingredients in Gibel Carp (<i>Carassius auratus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Performance and Muscle Growth-Related Biomarkers. <i>Frontiers in Marine Science</i> , 2022, 8, .	1.2	8
77	Long-term fasting leads to preferential catabolism of His, Arg, and branched-chain amino acids in the dorsal muscle of gibel carp (<i>Carassius auratus gibelio</i>): Potential preferential use of amino acids as energy substrates. <i>Aquaculture</i> , 2022, 552, 737967.	1.7	8
78	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
79	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
80	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
81	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.	0.7	6
82	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
83	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
84	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
85	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> , 2022, 8, 1297-1309.	2.1	5
86	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
87	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
88	Zinc supplementation in practical diets for pond-raised hybrid snakehead (<i>Channa maculate</i> × <i>Channa</i>) Tj ETQq0 0 0 rgBT /Overlock 23, 101061.	0.7	4
89	Physiological responses of Chinese longsnout catfish to water temperature. <i>Chinese Journal of Oceanology and Limnology</i> , 2011, 29, 633-639.	0.7	2
90	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

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91	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