

# Dong Han

## List of Publications by Citations

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89  
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93  
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1,647  
ext. citations

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#	Paper	IF	Citations
89	Effects of dietary lipid levels on growth, survival and lipid metabolism during early ontogeny of <i>Pelteobagrus vachelli</i> larvae. <i>Aquaculture</i> , <b>2010</b> , 299, 121-127	4.4	72
88	A revisit to fishmeal usage and associated consequences in Chinese aquaculture. <i>Reviews in Aquaculture</i> , <b>2018</b> , 10, 493-507	8.9	61
87	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
86	Dietary arginine requirement for gibel carp ( <i>Carassis 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> , <b>2015</b> , 449, 37-47	4.4	47
85	Effects of dietary protein level on growth performance, nitrogen and energy budget of juvenile hybrid sturgeon, <i>Acipenser baerii</i> ♀ × <i>gueldenstaedtii</i> ♂. <i>Aquaculture</i> , <b>2012</b> , 338-341, 89-95	4.4	44
84	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
83	Response and recovery of gibel carp from subchronic oral administration of aflatoxin B1. <i>Aquaculture</i> , <b>2011</b> , 319, 89-97	4.4	43
82	Effect of light intensity on growth, survival and skin color of juvenile Chinese longsnout catfish ( <i>Leiocassis longirostris</i> Günther). <i>Aquaculture</i> , <b>2005</b> , 248, 299-306	4.4	41
81	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> , <b>2014</b> , 426-427, 112-114	4.4	39
80	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
79	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
78	Growth performance, digestive enzyme, transaminase and GH-IGF-I axis gene responsiveness to different dietary protein levels in broodstock allogonogynetic gibel carp ( <i>Carassius auratus gibelio</i> ) CAS III. <i>Aquaculture</i> , <b>2015</b> , 446, 290-297	4.4	30
77	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
76	Starvation reduces the heat shock protein responses in white sturgeon larvae. <i>Environmental Biology of Fishes</i> , <b>2012</b> , 93, 333-342	1.6	26
75	Effect of ration on the growth and energy budget of Chinese longsnout catfish, <i>Leiocassis longirostris</i> Günther. <i>Aquaculture Research</i> , <b>2004</b> , 35, 866-873	1.9	26
74	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 gibelio</i> var. CAS III). <i>Aquaculture Research</i> , <b>2018</b> , 49, 1320-1328	1.9	25
73	Effect of dietary aflatoxin B 1 on growth, fecundity and tissue accumulation in gibel carp during the stage of gonad development. <i>Aquaculture</i> , <b>2014</b> , 428-429, 236-242	4.4	25

72	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
71	Effects of starvation on glucose and lipid metabolism in gibel carp ( <i>Carassius auratus gibelio</i> var. CAS III). <i>Aquaculture</i> , <b>2018</b> , 496, 166-175	4.4	24
70	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
69	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
68	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> , <b>2017</b> , 469, 28-35	4.4	19
67	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
66	Effects of dietary cyanobacteria of two different sources on growth and recovery of hybrid tilapia ( <i>Oreochromis niloticus</i> x <i>O. aureus</i> ). <i>Toxicon</i> , <b>2009</b> , 54, 208-16	2.8	18
65	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> , <b>2016</b> , 460, 83-89	4.4	18
64	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
63	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
62	Hyperplasia and cellularity changes in IGF-1-overexpressing skeletal muscle of crucian carp. <i>Endocrinology</i> , <b>2014</b> , 155, 2199-212	4.8	16
61	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
60	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
59	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> , <b>2019</b> , 25, 1145-1155 <sup>14</sup>	3.2	14
58	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 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
57	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
56	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
55	Effects of light intensity on phototaxis, growth, antioxidant and stress of juvenile gibel carp ( <i>Carassius auratus gibelio</i> ). <i>Aquaculture</i> , <b>2019</b> , 501, 39-47	4.4	13

54	Effects of dietary <i>Arthrospira platensis</i> supplementation on the growth, pigmentation, and antioxidation in yellow catfish ( <i>Pelteobagrus fulvidraco</i> ). <i>Aquaculture</i> , <b>2019</b> , 510, 267-275	4.4	12
53	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
52	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
51	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
50	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
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> , <b>2016</b> , 34, 992-1003		11
48	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
47	Effects of different weaning strategies on survival and growth in Chinese longsnout catfish ( <i>Leiocassis longirostris</i> GÜther) larvae. <i>Aquaculture</i> , <b>2012</b> , 364-365, 13-18	4.4	10
46	Response and recovery of hybrid sturgeon from subchronic oral administration of cyanobacteria. <i>Environmental Toxicology</i> , <b>2011</b> , 26, 161-70	4.2	10
45	Effect of water temperature on the growth performance and digestive enzyme activities of Chinese longsnout catfish ( <i>Leiocassis longirostris</i> GÜther). <i>Aquaculture Research</i> , <b>2009</b> , 40, 1864-1872	1.9	10
44	Responses of yellow catfish ( <i>Pelteobagrus fulvidraco</i> Richardson) exposed to dietary cyanobacteria and subsequent recovery. <i>Toxicon</i> , <b>2012</b> , 60, 1298-306	2.8	9
43	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
42	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
41	Depletion of insulin receptors leads to $\beta$ cell hyperplasia in zebrafish. <i>Science Bulletin</i> , <b>2017</b> , 62, 486-492	10.6	8
40	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
39	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> , <b>2014</b> , 13, 1054-1060	1	8
38	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
37	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

36	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
35	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> , <b>2020</b> , 17, 100297	2.3	5
34	Effects of dietary ascorbic acid supplementation on the growth performance, immune and stress response in juvenile <i>Leiocassis longirostris</i> G�ther exposed to ammonia. <i>Aquaculture Research</i> , <b>2008</b> , 39, ???-???	1.9	5
33	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
32	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
31	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
30	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
29	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
28	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
27	Responses of glycolysis, glycogen accumulation and glucose-induced lipogenesis in grass carp and Chinese longsnout catfish fed high-carbohydrate diet. <i>Aquaculture</i> , <b>2021</b> , 533, 736146	4.4	4
26	<i>Arthrospira platensis</i> additive enhances the growth performance and antioxidant response in hybrid yellow catfish ( <i>Pelteobagrus fulvidraco</i> ? $\square$ <i>Pelteobagrus vachelli</i> ?). <i>Aquaculture Reports</i> , <b>2021</b> , 20, 100721	2.3	4
25	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> , <b>2019</b> , 511, 734236	4.4	3
24	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
23	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
22	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
21	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> , <b>2021</b> , 8,	4.5	3
20	Dietary Trivalent Chromium Exposure Up-Regulates Lipid Metabolism in Coral Trout: The Evidence From Transcriptome Analysis. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 640898	4.6	3
19	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

18	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> ,1-14	4.4	2
17	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> , <b>2022</b> , 549, 737730	4.4	2
16	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
15	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>B. vachelli</i> ?). <i>Aquaculture Reports</i> , <b>2022</b> , 23, 101043	2.3	2
14	Species Composition in Chinese Aquaculture with Reference to Trophic Level of Cultured Species <b>2018</b> , 70-91		1
13	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
12	Complete Replacement of Fishmeal With Plant Protein Ingredients in Gibel Carp ( <i>Carassius auratus gibelio</i> ) Diets by Supplementation With Essential Amino Acids Without Negative Impact on Growth Performance and Muscle Growth-Related Biomarkers. <i>Frontiers in Marine Science</i> , <b>2022</b> , 8,	4.5	1
11	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> , <b>2022</b> , 552, 737967	4.4	1
10	Genetically Based Physiological Responses to Overwinter Starvation in Gibel Carp (). <i>Frontiers in Endocrinology</i> , <b>2020</b> , 11, 578777	5.7	1
9	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
8	Heterozygous depletion of <i>pik3r1</i> improves growth and feed conversion efficiency in Gibel carp ( <i>Carassius gibelio</i> ). <i>Aquaculture</i> , <b>2021</b> , 545, 737207	4.4	0
7	Zinc supplementation in practical diets for pond-raised hybrid snakehead ( <i>Channa maculate</i> ? <i>Channa argus</i> ?) fingerlings: Effects on performance, mineral retention and health. <i>Aquaculture Reports</i> , <b>2022</b> , 23, 101061	2.3	0
6	Vitamin D regulates insulin pathway and glucose metabolism in zebrafish ( <i>Danio rerio</i> ).. <i>FASEB Journal</i> , <b>2022</b> , 36, e22330	0.9	0
5	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
4	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
3	Feed Developments in Freshwater Aquaculture <b>2018</b> , 431-450		
2	Physiological responses of Chinese longsnout catfish to water temperature. <i>Chinese Journal of Oceanology and Limnology</i> , <b>2011</b> , 29, 633-639		
1	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	

