

# Shouqi Xie

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/5812551/shouqi-xie-publications-by-year.pdf>

**Version:** 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

82

papers

1,323

citations

20

h-index

33

g-index

85

ext. papers

1,708

ext. citations

3.7

avg. IF

4.42

L-index

| #  | Paper  | IF  | Citations |
|----|--|-----|-----------|
| 82 | 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         |
| 81 | Growth and Meat Quality of Grass Carp ( <i>C. auratus</i> ) Responded to Dietary Protein (Soybean Meal) Level Through the Muscle Metabolism and Gene Expression of Myosin Heavy Chains.. <i>Frontiers in Nutrition</i> , <b>2022</b> , 9, 833924   | 6.2 | 0         |
| 80 | 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         |
| 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> , <b>2022</b> , 24, 101102   | 2.3 | 1         |
| 78 | 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         |
| 77 | 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 |           |
| 76 | 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         |
| 75 | Effects of Replacement of Dietary Fishmeal by Cottonseed Protein Concentrate on Growth Performance, Liver Health, and Intestinal Histology of Largemouth Bass ( <i>Micropterus dolomieu</i> ).. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 764987  | 4.6 | 3         |
| 74 | Tea polyphenols act as a natural antihyperglycemic feed additive candidate in grass carp ( <i>Ctenopharyngodon idella</i> ). <i>Aquaculture Nutrition</i> , <b>2021</b> , 27, 2712   | 3.2 | 0         |
| 73 | 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         |
| 72 | 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> , <b>2021</b> , 27, 2468  | 3.2 | 0         |
| 71 | Effects of tea polyphenols on the growth performance, carbohydrate metabolism of grass carp ( <i>Ctenopharyngodon idellus</i> ). <i>Aquaculture Nutrition</i> , <b>2021</b> , 27, 2344   | 3.2 |           |
| 70 | 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         |
| 69 | 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> , <b>2021</b> , 19, 100559  | 2.3 | 3         |
| 68 | 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         |
| 67 | 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         |
| 66 | 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         |

|    |   |     |    |
|----|---|-----|----|
| 65 | 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  |
| 64 | Adaptations of hepatic lipid and glucose metabolism in response to high-macronutrient diets in juvenile grass carp. <i>Aquaculture Nutrition</i> , <b>2021</b> , 27, 1738-1749  | 3.2 | 1  |
| 63 | 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> , <b>2021</b> , 21, 100854   | 2.3 | 0  |
| 62 | 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  |
| 61 | 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> , <b>2020</b> , 51, 2472-2482      | 1.9 | 8  |
| 60 | 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  |
| 59 | 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 |
| 58 | The characteristics of glucose homoeostasis 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  |
| 57 | 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  |
| 56 | 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  |
| 55 | Genetically Based Physiological Responses to Overwinter Starvation in Gibel Carp (). <i>Frontiers in Endocrinology</i> , <b>2020</b> , 11, 578777   | 5.7 | 1  |
| 54 | 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 |
| 53 | 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 |
| 52 | 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 |
| 51 | 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                             | 3.2 | 14 |
| 50 | 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 |
| 49 | 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 |
| 48 | 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 |

|    |  |     |    |
|----|--|-----|----|
| 47 | 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  |
| 46 | 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  |
| 45 | Effects of inosine 5Tmonophosphate 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 |
| 44 | 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  |
| 43 | 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 |
| 42 | Feed Developments in Freshwater Aquaculture <b>2018</b> , 431-450  |     |    |
| 41 | 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 |
| 40 | 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  |
| 39 | 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 |
| 38 | 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 |
| 37 | 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 |
| 36 | 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  |
| 35 | 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 |
| 34 | 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 |
| 33 | 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  |
| 32 | 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  |
| 31 | 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  |
| 30 | 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 |

|    |   |     |     |
|----|---|-----|-----|
| 29 | 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  |
| 28 | 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  |
| 27 | 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  |
| 26 | Quantitative trait loci mapping for feed conversion efficiency in crucian carp ( <i>Carassius auratus</i> ). <i>Scientific Reports</i> , <b>2017</b> , 7, 16971   | 4.9 | 16  |
| 25 | 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  |
| 24 | 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  |
| 23 | Dietary lipid and gross energy affect protein utilization in the rare minnow <i>Gobiocypris rarus</i> . <i>Chinese Journal of Oceanology and Limnology</i> , <b>2016</b> , 34, 740-748  |     | 1   |
| 22 | 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  |
| 21 | 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  |
| 20 | 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> , <b>2015</b> , 449, 37-47                         | 4.4 | 47  |
| 19 | 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  |
| 18 | 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  |
| 17 | Freshwater aquaculture in PR China: trends and prospects. <i>Reviews in Aquaculture</i> , <b>2015</b> , 7, 283-302  | 8.9 | 109 |
| 16 | Sequence, genomic organization and expression of ghrelin receptor in grass carp, <i>Ctenopharyngodon idellus</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2015</b> , 179, 54-61                                       | 2.6 | 9   |
| 15 | 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> , <b>2014</b> , 13, 1054-1060   | 1   | 8   |
| 14 | Effects of different weaning strategies on survival and growth in Chinese longsnout catfish ( <i>Leiocassis longirostris</i> Günther) larvae. <i>Aquaculture</i> , <b>2012</b> , 364-365, 13-18   | 4.4 | 10  |
| 13 | Physiological responses of Chinese longsnout catfish to water temperature. <i>Chinese Journal of Oceanology and Limnology</i> , <b>2011</b> , 29, 633-639   |     |     |
| 12 | 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  |

|    |  |     |     |
|----|--|-----|-----|
| 11 | 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> , <b>2009</b> , 40, 1011-1018                                     | 1.9 | 50  |
| 10 | Effect of water temperature on the growth performance and digestive enzyme activities of Chinese longsnout catfish ( <i>Leiocassis longirostris</i> G  ther). <i>Aquaculture Research</i> , <b>2009</b> , 40, 1864-1872  | 1.9 | 10  |
| 9  | 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   |
| 8  | Dietary phosphorus requirement of juvenile black seabream, <i>Sparus macrocephalus</i> . <i>Aquaculture</i> , <b>2008</b> , 277, 92-100  | 4.4 | 106 |
| 7  | Optimum temperature for the growth performance of juvenile orange-spotted grouper ( <i>Epinephelus coioides</i> H.). <i>Chinese Journal of Oceanology and Limnology</i> , <b>2008</b> , 26, 69-75  |     | 10  |
| 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> , <b>2006</b> , 37, 40-48  | 1.9 | 52  |
| 5  | A bioenergetic model to estimate feed requirement of gibel carp, <i>Carassius auratus gibelio</i> . <i>Aquaculture</i> , <b>2005</b> , 248, 287-297  | 4.4 | 26  |
| 4  | Effect of light intensity on growth, survival and skin color of juvenile Chinese longsnout catfish ( <i>Leiocassis longirostris</i> G  ther). <i>Aquaculture</i> , <b>2005</b> , 248, 299-306  | 4.4 | 41  |
| 3  | 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> , <b>2004</b> , 35, 473-482 <sup>1.9</sup>                  | 1.9 | 20  |
| 2  | Effect of ration on the growth and energy budget of Chinese longsnout catfish, <i>Leiocassis longirostris</i> G  ther. <i>Aquaculture Research</i> , <b>2004</b> , 35, 866-873   | 1.9 | 26  |
| 1  | 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> , <b>2004</b> , 241, 235-247 | 4.4 | 34  |