

Pao Xu

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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.

164
papers

2,440
citations

28
h-index

42
g-index

169
ext. papers

3,301
ext. citations

3.8
avg, IF

5.2
L-index

| # | Paper | IF | Citations |
|-----|--|-----|-----------|
| 164 | The Sinocyclocheilus cavefish genome provides insights into cave adaptation. <i>BMC Biology</i> , 2016 , 14, 1 | 7.3 | 144 |
| 163 | Dietary Aloe vera supplementation on growth performance, some haemato-biochemical parameters and disease resistance against <i>Streptococcus iniae</i> in tilapia (GIFT). <i>Fish and Shellfish Immunology</i> , 2015 , 44, 504-14 | 4.3 | 90 |
| 162 | Draft genome of the Chinese mitten crab, <i>Eriocheir sinensis</i> . <i>GigaScience</i> , 2016 , 5, 5 | 7.6 | 84 |
| 161 | Anti-inflammatory and hepatoprotective effects of <i>Ganoderma lucidum</i> polysaccharides on carbon tetrachloride-induced hepatocyte damage in common carp (<i>Cyprinus carpio</i> L.). <i>International Immunopharmacology</i> , 2015 , 25, 112-20 | 5.8 | 75 |
| 160 | Effect of dietary carbohydrate on the growth performance, immune response, hepatic antioxidant abilities and heat shock protein 70 expression of Wuchang bream, <i>Megalobrama amblycephala</i> . <i>Journal of Applied Ichthyology</i> , 2013 , 29, 1348-1356 | 0.9 | 70 |
| 159 | The Asian arowana (<i>Scleropages formosus</i>) genome provides new insights into the evolution of an early lineage of teleosts. <i>Scientific Reports</i> , 2016 , 6, 24501 | 4.9 | 66 |
| 158 | Effects of carbon tetrachloride on oxidative stress, inflammatory response and hepatocyte apoptosis in common carp (<i>Cyprinus carpio</i>). <i>Aquatic Toxicology</i> , 2014 , 152, 11-9 | 5.1 | 64 |
| 157 | A revisit to fishmeal usage and associated consequences in Chinese aquaculture. <i>Reviews in Aquaculture</i> , 2018 , 10, 493-507 | 8.9 | 61 |
| 156 | Characterizing bacterial communities in tilapia pond surface sediment and their responses to pond differences and temporal variations. <i>World Journal of Microbiology and Biotechnology</i> , 2017 , 33, 1 | 4.4 | 58 |
| 155 | The effect of emodin on cytotoxicity, apoptosis and antioxidant capacity in the hepatic cells of grass carp (<i>Ctenopharyngodon idellus</i>). <i>Fish and Shellfish Immunology</i> , 2014 , 38, 74-9 | 4.3 | 56 |
| 154 | Effects of emodin and vitamin E on the growth and crowding stress of Wuchang bream (<i>Megalobrama amblycephala</i>). <i>Fish and Shellfish Immunology</i> , 2014 , 40, 595-602 | 4.3 | 54 |
| 153 | Draft genome of the protandrous Chinese black porgy, <i>Acanthopagrus schlegelii</i> . <i>GigaScience</i> , 2018 , 7, 1-7 | 7.6 | 52 |
| 152 | Changes in the fatty acid composition and regulation of antioxidant enzymes and physiology of juvenile genetically improved farmed tilapia <i>Oreochromis niloticus</i> (L.), subjected to short-term low temperature stress. <i>Journal of Thermal Biology</i> , 2015 , 53, 90-7 | 2.9 | 47 |
| 151 | Antioxidative, anti-inflammatory and hepatoprotective effects of resveratrol on oxidative stress-induced liver damage in tilapia (<i>Oreochromis niloticus</i>). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2019 , 215, 56-66 | 3.2 | 46 |
| 150 | miR-122 promotes hepatic antioxidant defense of genetically improved farmed tilapia (GIFT, <i>Oreochromis niloticus</i>) exposed to cadmium by directly targeting a metallothionein gene. <i>Aquatic Toxicology</i> , 2017 , 182, 39-48 | 5.1 | 45 |
| 149 | Ionic Liquid-Based Ultrasonic/Microwave-Assisted Extraction Combined with UPLC for the Determination of Anthraquinones in Rhubarb. <i>Chromatographia</i> , 2011 , 74, 139-144 | 2.1 | 43 |
| 148 | The changes in cortisol and expression of immune genes of GIFT tilapia <i>Oreochromis niloticus</i> (L.) at different rearing densities under <i>Streptococcus iniae</i> infection. <i>Aquaculture International</i> , 2016 , 24, 1365-1378 | 2.6 | 42 |

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|-----|---|-----|----|
| 147 | Temperature modulates hepatic carbohydrate metabolic enzyme activity and gene expression in juvenile GIFT tilapia (<i>Oreochromis niloticus</i>) fed a carbohydrate-enriched diet. <i>Journal of Thermal Biology</i> , 2014 , 40, 25-31 | 2.9 | 39 |
| 146 | Antibacterial properties of anthraquinones extracted from rhubarb against <i>Aeromonas hydrophila</i> . <i>Fisheries Science</i> , 2011 , 77, 375-384 | 1.9 | 35 |
| 145 | Oxidized fish oil injury stress in <i>Megalobrama amblycephala</i> : Evaluated by growth, intestinal physiology, and transcriptome-based PI3K-Akt/NF- κ B/TCR inflammatory signaling. <i>Fish and Shellfish Immunology</i> , 2018 , 81, 446-455 | 4.3 | 33 |
| 144 | Anti-oxidative, anti-inflammatory and hepatoprotective effects of <i>Radix Bupleuri</i> extract against oxidative damage in tilapia (<i>Oreochromis niloticus</i>) via Nrf2 and TLRs signaling pathway. <i>Fish and Shellfish Immunology</i> , 2019 , 93, 395-405 | 4.3 | 33 |
| 143 | The expression profiles of miRNA-mRNA of early response in genetically improved farmed tilapia (<i>Oreochromis niloticus</i>) liver by acute heat stress. <i>Scientific Reports</i> , 2017 , 7, 8705 | 4.9 | 31 |
| 142 | Effects of exposure to <i>Streptococcus iniae</i> on microRNA expression in the head kidney of genetically improved farmed tilapia (<i>Oreochromis niloticus</i>). <i>BMC Genomics</i> , 2017 , 18, 190 | 4.5 | 31 |
| 141 | Optimal dietary curcumin improved growth performance, and modulated innate immunity, antioxidant capacity and related genes expression of NF- κ B and Nrf2 signaling pathways in grass carp (<i>Ctenopharyngodon idella</i>) after infection with <i>Aeromonas hydrophila</i> . <i>Fish and Shellfish Immunology</i> , 2020 , 97, 540-553 | 4.3 | 31 |
| 140 | High Fat Diet-Induced miR-122 Regulates Lipid Metabolism and Fat Deposition in Genetically Improved Farmed Tilapia (GIFT,) Liver. <i>Frontiers in Physiology</i> , 2018 , 9, 1422 | 4.6 | 31 |
| 139 | Characterization of microbial communities in intensive GIFT tilapia (<i>Oreochromis niloticus</i>) pond systems during the peak period of breeding. <i>Aquaculture Research</i> , 2017 , 48, 459-472 | 1.9 | 29 |
| 138 | Antioxidative, inflammatory and immune responses in hydrogen peroxide-induced liver injury of tilapia (GIFT, <i>Oreochromis niloticus</i>). <i>Fish and Shellfish Immunology</i> , 2019 , 84, 894-905 | 4.3 | 29 |
| 137 | Draft genome of the lined seahorse, <i>Hippocampus erectus</i> . <i>GigaScience</i> , 2017 , 6, 1-6 | 7.6 | 28 |
| 136 | Dietary supplementation with rutin has pro-/anti-inflammatory effects in the liver of juvenile GIFT tilapia, <i>Oreochromis niloticus</i> . <i>Fish and Shellfish Immunology</i> , 2017 , 64, 49-55 | 4.3 | 27 |
| 135 | Cytotoxic effects and apoptosis induction of enrofloxacin in hepatic cell line of grass carp (<i>Ctenopharyngodon idellus</i>). <i>Fish and Shellfish Immunology</i> , 2015 , 47, 639-44 | 4.3 | 26 |
| 134 | Responses of blood biochemistry, fatty acid composition and expression of microRNAs to heat stress in genetically improved farmed tilapia (<i>Oreochromis niloticus</i>). <i>Journal of Thermal Biology</i> , 2018 , 73, 91-97 | 2.9 | 26 |
| 133 | High-quality genome assembly of channel catfish, <i>Ictalurus punctatus</i> . <i>GigaScience</i> , 2016 , 5, 39 | 7.6 | 26 |
| 132 | The effect of hyperthermia on liver histology, oxidative stress and disease resistance of the Wuchang bream, <i>Megalobrama amblycephala</i> . <i>Fish and Shellfish Immunology</i> , 2016 , 52, 317-24 | 4.3 | 25 |
| 131 | Changes in Physiological Parameters, Lipid Metabolism, and Expression of MicroRNAs in Genetically Improved Farmed Tilapia () With Fatty Liver Induced by a High-Fat Diet. <i>Frontiers in Physiology</i> , 2018 , 9, 1521 | 4.6 | 24 |
| 130 | Inhibition of miR-92d-3p enhances inflammation responses in genetically improved farmed tilapia (GIFT, <i>Oreochromis niloticus</i>) with <i>Streptococcus iniae</i> infection by modulating complement C3. <i>Fish and Shellfish Immunology</i> , 2017 , 63, 367-375 | 4.3 | 23 |

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|-----|--|-----|----|
| 129 | Dietary lipid requirements of larval genetically improved farmed tilapia, <i>Oreochromis niloticus</i> (L.), and effects on growth performance, expression of digestive enzyme genes, and immune response. <i>Aquaculture Research</i> , 2017 , 48, 2827-2840 | 1.9 | 23 |
| 128 | Protective effects of <i>Lycium barbarum</i> polysaccharides against carbon tetrachloride-induced hepatotoxicity in precision-cut liver slices in vitro and in vivo in common carp (<i>Cyprinus carpio</i> L.). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2015 , 169, 65-72 | 3.2 | 22 |
| 127 | Effects of high-fat diet on antioxidative status, apoptosis and inflammation in liver of tilapia (<i>Oreochromis niloticus</i>) via Nrf2, TLRs and JNK pathways. <i>Fish and Shellfish Immunology</i> , 2020 , 104, 391-401 | 4.3 | 22 |
| 126 | Emodin ameliorates metabolic and antioxidant capacity inhibited by dietary oxidized fish oil through PPARs and Nrf2-Keap1 signaling in Wuchang bream (<i>Megalobrama amblycephala</i>). <i>Fish and Shellfish Immunology</i> , 2019 , 94, 842-851 | 4.3 | 22 |
| 125 | Integrated application of transcriptomics and metabolomics yields insights into population-asynchronous ovary development in <i>Coilia nasus</i> . <i>Scientific Reports</i> , 2016 , 6, 31835 | 4.9 | 21 |
| 124 | Effects of chronic exposure of methomyl on the antioxidant system in liver of Nile tilapia (<i>Oreochromis niloticus</i>). <i>Ecotoxicology and Environmental Safety</i> , 2014 , 101, 1-6 | 7 | 21 |
| 123 | Identification and characterization of lipid metabolism-related microRNAs in the liver of genetically improved farmed tilapia (GIFT, <i>Oreochromis niloticus</i>) by deep sequencing. <i>Fish and Shellfish Immunology</i> , 2017 , 69, 227-235 | 4.3 | 21 |
| 122 | HSP60 and HSP90 from blunt snout bream, <i>Megalobrama amblycephala</i> : Molecular cloning, characterization, and comparative response to intermittent thermal stress and <i>Aeromonas hydrophila</i> infection. <i>Fish and Shellfish Immunology</i> , 2018 , 74, 119-132 | 4.3 | 20 |
| 121 | Hepatoprotective and antioxidant effects of dietary <i>Angelica sinensis</i> extract against carbon tetrachloride-induced hepatic injury in Jian Carp (<i>Cyprinus carpio</i> var. Jian). <i>Aquaculture Research</i> , 2016 , 47, 1852-1863 | 1.9 | 18 |
| 120 | Genome and population sequencing of a chromosome-level genome assembly of the Chinese tapertail anchovy (<i>Coilia nasus</i>) provides novel insights into migratory adaptation. <i>GigaScience</i> , 2020 , 9, | 7.6 | 18 |
| 119 | miR-205-5p negatively regulates hepatic acetyl-CoA carboxylase mRNA in lipid metabolism of <i>Oreochromis niloticus</i> . <i>Gene</i> , 2018 , 660, 1-7 | 3.8 | 16 |
| 118 | Comparative studies on endocrine status and gene expression of hepatic carbohydrate metabolic enzymes in juvenile GIFT tilapia (<i>Oreochromis niloticus</i>) fed high-carbohydrate diets. <i>Aquaculture Research</i> , 2016 , 47, 758-768 | 1.9 | 15 |
| 117 | The effects of temperature and dissolved oxygen on the growth, survival and oxidative capacity of newly hatched hybrid yellow catfish larvae (<i>Tachysurus fulvidraco</i> ? [<i>Pseudobagrus vachellii</i> ?]). <i>Journal of Thermal Biology</i> , 2019 , 86, 102436 | 2.9 | 14 |
| 116 | Influences of Environmental Factors on Lanthanum/Aluminum-Modified Zeolite Adsorbent (La/Al-ZA) for Phosphorus Adsorption from Wastewater. <i>Water, Air, and Soil Pollution</i> , 2013 , 224, 1 | 2.6 | 14 |
| 115 | CCD and RSM optimization approach for antioxidative activity and immune regulation in head kidney of yellow catfish (<i>Pelteobagrus fulvidraco</i>) based on different lipid levels and temperatures. <i>Fish and Shellfish Immunology</i> , 2018 , 72, 77-85 | 4.3 | 13 |
| 114 | Differences in numbers of termicins expressed in two termite species affected by fungal contamination of their environments. <i>Genetics and Molecular Research</i> , 2012 , 11, 2247-57 | 1.2 | 13 |
| 113 | Effects of methomyl on steroidogenic gene transcription of the hypothalamic-pituitary-gonad-liver axis in male tilapia. <i>Chemosphere</i> , 2016 , 165, 152-162 | 8.4 | 13 |
| 112 | miR-29a modulates SCD expression and is regulated in response to a saturated fatty acid diet in juvenile genetically improved farmed tilapia (). <i>Journal of Experimental Biology</i> , 2017 , 220, 1481-1489 | 3 | 12 |

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| 111 | Effect of methomyl on sex steroid hormone and vitellogenin levels in serum of male tilapia (<i>Oreochromis niloticus</i>) and recovery pattern. <i>Environmental Toxicology</i> , 2017 , 32, 1869-1877 | 4.2 | 12 |
| 110 | Dietary vitamin E deficiency inhibits fat metabolism, antioxidant capacity, and immune regulation of inflammatory response in genetically improved farmed tilapia (GIFT, <i>Oreochromis niloticus</i>) fingerlings following <i>Streptococcus iniae</i> infection. <i>Fish and Shellfish Immunology</i> , 2019 , 92, 395-404 | 4.3 | 12 |
| 109 | miR-489-3p Regulates the Oxidative Stress Response in the Liver and Gill Tissues of Hybrid Yellow Catfish (? ♀) Under Cu Exposure by Targeting. <i>Frontiers in Physiology</i> , 2019 , 10, 868 | 4.6 | 12 |
| 108 | Whole genome sequencing of Chinese clearhead icefish, <i>Protosalanx hyalocranius</i> . <i>GigaScience</i> , 2017 , 6, 1-6 | 7.6 | 12 |
| 107 | Growth, digestive enzymes activities, serum biochemical parameters and antioxidant status of juvenile genetically improved farmed tilapia (<i>Oreochromis niloticus</i>) reared at different stocking densities in in-pond raceway recirculating culture system. <i>Aquaculture Research</i> , 2019 , 50, 1338-1347 | 1.9 | 11 |
| 106 | In-depth transcriptome analysis of <i>Coilia ectenes</i> , an important fish resource in the Yangtze River: de novo assembly, gene annotation. <i>Marine Genomics</i> , 2015 , 23, 15-7 | 1.9 | 11 |
| 105 | miR-34a Regulates the Activity of HIF-1a and P53 Signaling Pathways by Promoting GLUT1 in Genetically Improved Farmed Tilapia (GIFT,) Under Hypoxia Stress. <i>Frontiers in Physiology</i> , 2020 , 11, 670 | 4.6 | 11 |
| 104 | Effects of <i>Rhizoma Alismatis</i> extract on biochemical indices and adipose gene expression in oleic acid-induced hepatocyte injury in Jian carp (<i>Cyprinus carpio</i> var. Jian). <i>Fish Physiology and Biochemistry</i> , 2018 , 44, 747-768 | 2.7 | 11 |
| 103 | Changes of gonadotropin-releasing hormone receptor 2 during the anadromous spawning migration in <i>Coilia nasus</i> . <i>BMC Developmental Biology</i> , 2016 , 16, 42 | 3.1 | 11 |
| 102 | Molecular characterization and differential expression of the myostatin gene in <i>Coilia nasus</i> . <i>Gene</i> , 2014 , 543, 153-60 | 3.8 | 11 |
| 101 | Influences of dietary lipid and temperature on growth, fat deposition and lipoprotein lipase expression in darkbarbel catfish (<i>Pelteobagrus vachellii</i>). <i>Journal of Thermal Biology</i> , 2017 , 69, 191-198 | 2.9 | 11 |
| 100 | First studies of embryonic and larval development of <i>Coilia nasus</i> (Engraulidae) under controlled conditions. <i>Aquaculture Research</i> , 2011 , 42, 593-601 | 1.9 | 11 |
| 99 | Effects of chronic glyphosate exposure on antioxidant status, metabolism and immune response in tilapia (GIFT, <i>Oreochromis niloticus</i>). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021 , 239, 108878 | 3.2 | 11 |
| 98 | Testes transcriptome profiles of the anadromous fish <i>Coilia nasus</i> during the onset of spermatogenesis. <i>Marine Genomics</i> , 2015 , 24 Pt 3, 241-3 | 1.9 | 10 |
| 97 | Physiological response and microRNA expression profiles in head kidney of genetically improved farmed tilapia (GIFT, <i>Oreochromis niloticus</i>) exposed to acute cold stress. <i>Scientific Reports</i> , 2018 , 8, 1724 | 4.9 | 10 |
| 96 | miR-1338-5p Modulates Growth Hormone Secretion and Glucose Utilization by Regulating in Genetically Improved Farmed Tilapia (GIFT,). <i>Frontiers in Physiology</i> , 2017 , 8, 998 | 4.6 | 10 |
| 95 | Chronic exposure of hydrogen peroxide alters redox state, apoptosis and endoplasmic reticulum stress in common carp (<i>Cyprinus carpio</i>). <i>Aquatic Toxicology</i> , 2020 , 229, 105657 | 5.1 | 10 |
| 94 | A chromosome-level genome assembly of the Asian arowana, <i>Scleropages formosus</i> . <i>Scientific Data</i> , 2016 , 3, 160105 | 8.2 | 10 |

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| 93 | Exploration of three heterotrophic nitrifying strains from a tilapia pond for their characteristics of inorganic nitrogen use and application in aquaculture water. <i>Journal of Bioscience and Bioengineering</i> , 2015 , 119, 303-9 | 3.3 | 9 |
| 92 | Transport-induced changes in hypothalamic-pituitary-interrenal axis gene expression and oxidative stress responses in <i>Coilia nasus</i> . <i>Aquaculture Research</i> , 2016 , 47, 3599-3607 | 1.9 | 9 |
| 91 | Sex-Reversal Effect of Dietary Aloe vera (Liliaceae) on Genetically Improved Farmed Nile Tilapia Fry. <i>North American Journal of Aquaculture</i> , 2017 , 79, 100-105 | 1.5 | 8 |
| 90 | Synergistic effect of water temperature and dissolved oxygen concentration on rates of fertilization, hatching and deformity of hybrid yellow catfish (<i>Tachysurus fulvidraco</i> × <i>Pseudobagrus vachellii</i>). <i>Journal of Thermal Biology</i> , 2019 , 83, 47-53 | 2.9 | 8 |
| 89 | Protective effect of <i>Ganoderma lucidum</i> polysaccharide against carbon tetrachloride-induced hepatic damage in precision-cut carp liver slices. <i>Fish Physiology and Biochemistry</i> , 2017 , 43, 1209-1221 | 2.7 | 8 |
| 88 | Monogonont Rotifer, <i>Brachionus calyciflorus</i> , Possesses Exceptionally Large, Fragmented Mitogenome. <i>PLoS ONE</i> , 2016 , 11, e0168263 | 3.7 | 8 |
| 87 | Optimum feeding frequency of juvenile largemouth bass (<i>Micropterus salmoides</i>) reared in in-pond raceway recirculating culture system. <i>Fish Physiology and Biochemistry</i> , 2020 , 46, 2197-2212 | 2.7 | 8 |
| 86 | Effects of dietary supplementation with apple peel powder on the growth, blood and liver parameters, and transcriptome of genetically improved farmed tilapia (GIFT, <i>Oreochromis niloticus</i>). <i>PLoS ONE</i> , 2019 , 14, e0224995 | 3.7 | 7 |
| 85 | Growth, biochemical, fatty acid composition, and mRNA levels of hepatic enzymes in genetically improved farmed tilapia (GIFT, <i>Oreochromis niloticus</i>) (Linnaeus, 1758) at different stocking densities. <i>Journal of Applied Ichthyology</i> , 2017 , 33, 757-766 | 0.9 | 7 |
| 84 | Effects of stocking density on growth, serum parameters, antioxidant status, liver and intestine histology and gene expression of largemouth bass (<i>Micropterus salmoides</i>) farmed in the in-pond raceway system. <i>Aquaculture Research</i> , 2020 , 51, 5228-5240 | 1.9 | 7 |
| 83 | Untargeted LCMS metabolomics approach reveals metabolic changes in genetically improved farmed tilapia (<i>Oreochromis niloticus</i>) with fatty liver induced by a high-fat diet. <i>Aquaculture Research</i> , 2021 , 52, 724-735 | 1.9 | 7 |
| 82 | Immune, inflammatory, autophagic and DNA damage responses to long-term HO exposure in different tissues of common carp (<i>Cyprinus carpio</i>). <i>Science of the Total Environment</i> , 2021 , 757, 143831 | 10.2 | 7 |
| 81 | Multi-omics analysis reveals the glycolipid metabolism response mechanism in the liver of genetically improved farmed Tilapia (GIFT, <i>Oreochromis niloticus</i>) under hypoxia stress. <i>BMC Genomics</i> , 2021 , 22, 105 | 4.5 | 7 |
| 80 | Alteration of lipid metabolism, autophagy, apoptosis and immune response in the liver of common carp (<i>Cyprinus carpio</i>) after long-term exposure to bisphenol A. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 211, 111923 | 7 | 7 |
| 79 | Combined QTL and Genome Scan Analyses With the Help of 2b-RAD Identify Growth-Associated Genetic Markers in a New Fast-Growing Carp Strain. <i>Frontiers in Genetics</i> , 2018 , 9, 592 | 4.5 | 7 |
| 78 | Effect of Chronic Exposure to Methomyl on Tissue Damage and Apoptosis in Testis of Tilapia (<i>Oreochromis niloticus</i>) and Recovery Pattern. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2019 , 102, 371-376 | 2.7 | 6 |
| 77 | Growth Performance of Bluntnose Black Bream, Channel Catfish, Yellow Catfish, and Largemouth Bass Reared in the In-Pond Raceway Recirculating Culture System. <i>North American Journal of Aquaculture</i> , 2019 , 81, 153-159 | 1.5 | 6 |
| 76 | Oxidative stress, ion concentration change and immune response in gills of common carp (<i>Cyprinus carpio</i>) under long-term exposure to bisphenol A. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2020 , 230, 108711 | 3.2 | 6 |

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|----|--|-----|---|
| 75 | Molecular cloning and expression analysis on LPL of <i>Coilia nasus</i> . <i>Gene</i> , 2016 , 583, 147-159 | 3.8 | 6 |
| 74 | Identification of a virulence-related surface protein XF in piscine <i>Streptococcus agalactiae</i> by pre-absorbed immunoproteomics. <i>BMC Veterinary Research</i> , 2014 , 10, 259 | 2.7 | 6 |
| 73 | The role of currently used medicinal plants in aquaculture and their action mechanisms: A review. <i>Reviews in Aquaculture</i> , | 8.9 | 6 |
| 72 | Transcriptomic analysis reveals different responses to ammonia stress and subsequent recovery between <i>Coilia nasus</i> larvae and juveniles. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2020 , 230, 108710 | 3.2 | 6 |
| 71 | Deletion of tetraspanin CD151 alters the Wnt oncogene-induced mammary tumorigenesis: A cell type-linked function and signaling. <i>Neoplasia</i> , 2019 , 21, 1151-1163 | 6.4 | 6 |
| 70 | Effects of dietary baicalin supplementation on growth performance, antioxidative status and protection against oxidative stress-induced liver injury in GIFT tilapia (<i>Oreochromis niloticus</i>). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021 , 240, 108914 | 3.2 | 6 |
| 69 | Molecular cloning, tissue expression of gene <i>Muc2</i> in blunt snout bream <i>Megalobrama amblycephala</i> and regulation after re-feeding. <i>Chinese Journal of Oceanology and Limnology</i> , 2015 , 33, 291-298 | | 5 |
| 68 | Optimization of culture conditions for larval GIFT tilapia <i>Oreochromis niloticus</i> using response surface methodology and effects of HAMP-1 and c-type lysozyme mRNA expression in liver. <i>Aquaculture International</i> , 2014 , 22, 975-991 | 2.6 | 5 |
| 67 | Comparative transcriptome analysis reveals metabolism transformation in <i>Coilia nasus</i> larvae during the mouth-open period. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2020 , 36, 100712 | 2 | 5 |
| 66 | The effects of crowding stress on the growth, physiological response, and gene expression of the Nrf2-Keap1 signaling pathway in blunt snout bream (<i>Megalobrama amblycephala</i>) reared under in-pond raceway conditions. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2019 , 231, 19-29 | 2.6 | 5 |
| 65 | A comparative transcriptomic study on developmental gonads provides novel insights into sex change in the protandrous black porgy (<i>Acanthopagrus schlegelii</i>). <i>Genomics</i> , 2019 , 111, 277-283 | 4.3 | 5 |
| 64 | Comparative microRNAs expression profiles analysis during embryonic development of common carp, <i>Cyprinus carpio</i> . <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2021 , 37, 100754 | 2 | 5 |
| 63 | Application of transcriptome analysis to understand the adverse effects of hydrogen peroxide exposure on brain function in common carp (<i>Cyprinus carpio</i>). <i>Environmental Pollution</i> , 2021 , 286, 117240 | 8.3 | 5 |
| 62 | Complete mitochondrial genome of <i>Caridina nilotica gracilipes</i> . <i>Mitochondrial DNA</i> , 2016 , 27, 1249-50 | | 4 |
| 61 | Archaeal community compositions in tilapia pond systems and their influencing factors. <i>World Journal of Microbiology and Biotechnology</i> , 2018 , 34, 43 | 4.4 | 4 |
| 60 | Random regression analysis for body weights and main morphological traits in genetically improved farmed tilapia (<i>Oreochromis niloticus</i>). <i>Journal of Applied Genetics</i> , 2018 , 59, 99-107 | 2.5 | 4 |
| 59 | Relationship Between the Fatty Acid Profiles and Gut Bacterial Communities of the Chinese Mitten Crab () From Ecologically Different Habitats. <i>Frontiers in Microbiology</i> , 2020 , 11, 565267 | 5.7 | 4 |
| 58 | Optimal combination of temperature and photoperiod for sex steroid hormone secretion and egg development of <i>Oreochromis niloticus</i> as determined by response surface methodology. <i>Journal of Thermal Biology</i> , 2021 , 97, 102889 | 2.9 | 4 |

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| 57 | Molecular Characteristic, Protein Distribution and Potential Regulation of HSP90AA1 in the Anadromous Fish <i>Coilia nasus</i> . <i>Genes</i> , 2016 , 7, | 4.2 | 4 |
| 56 | Regulation of signal transduction in <i>Coilia nasus</i> during migration. <i>Genomics</i> , 2020 , 112, 55-64 | 4.3 | 4 |
| 55 | Two Elovl5-like elongase genes in <i>Cyprinus carpio</i> var. Jian: Gene characterization, mRNA expression, and nutritional regulation. <i>Molecular Biology</i> , 2015 , 49, 527-534 | 1.2 | 3 |
| 54 | Water quality and physiological response of F1 hybrid seabream (<i>Pagrus major</i> × <i>Acanthopagrus schlegelii</i>) to transport stress at different densities. <i>Aquaculture Research</i> , 2018 , 49, 767-775 | 1.9 | 3 |
| 53 | Comparative expression analysis identifies the respiratory transition-related miRNAs and their target genes in tissues of metamorphosing Chinese giant salamander (<i>Andrias davidianus</i>). <i>BMC Genomics</i> , 2018 , 19, 406 | 4.5 | 3 |
| 52 | Relationship of RNA/DNA ratio to somatic growth of Nile tilapia juveniles (<i>Oreochromis niloticus</i>) under joint effects of temperature and salinity. <i>Aquaculture Research</i> , 2017 , 48, 2663-2671 | 1.9 | 3 |
| 51 | Transcriptional inhibition of steroidogenic factor 1 in vivo in <i>Oreochromis niloticus</i> increased weight and suppressed gonad development. <i>Gene</i> , 2022 , 809, 146023 | 3.8 | 3 |
| 50 | Transcriptome profiling reveal <i>Acanthopanax senticosus</i> improves growth performance, immunity and antioxidant capacity by regulating lipid metabolism in GIFT (<i>Oreochromis niloticus</i>). <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2021 , 37, 100784 | 2 | 3 |
| 49 | Interaction Between the Intestinal Microbial Community and Transcriptome Profile in Common Carp (<i>L.</i>). <i>Frontiers in Microbiology</i> , 2021 , 12, 659602 | 5.7 | 3 |
| 48 | Insights into response to food intake in anadromous <i>Coilia nasus</i> through stomach transcriptome analysis. <i>Aquaculture Research</i> , 2020 , 51, 2799-2812 | 1.9 | 3 |
| 47 | Responses of functional miRNA-mRNA regulatory modules to a high-fat diet in the liver of hybrid yellow catfish (<i>Pelteobagrus fulvidraco</i> × <i>P. vachelli</i>). <i>Genomics</i> , 2021 , 113, 1207-1220 | 4.3 | 3 |
| 46 | Physiological parameters and gut microbiome associated with different dietary lipid levels in hybrid yellow catfish (<i>Tachysurus fulvidraco</i> × <i>Pseudobagrus vachelli</i>). <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2021 , 37, 100777 | 2 | 3 |
| 45 | Transcriptome analysis of the brain provides insights into the regulatory mechanism for <i>Coilia nasus</i> migration. <i>BMC Genomics</i> , 2020 , 21, 410 | 4.5 | 2 |
| 44 | Status and Trends of the Tilapia Farming Industry Development 2018 , 404-420 | | 2 |
| 43 | Responses and recovery pattern of sex steroid hormones in testis of Nile tilapia (<i>Oreochromis niloticus</i>) exposed to sublethal concentration of methomyl. <i>Ecotoxicology</i> , 2016 , 25, 1805-1811 | 2.9 | 2 |
| 42 | Hypoxia-induced miR-92a regulates p53 signaling pathway and apoptosis by targeting calcium-sensing receptor in genetically improved farmed tilapia (<i>Oreochromis niloticus</i>). <i>PLoS ONE</i> , 2020 , 15, e0238897 | 3.7 | 2 |
| 41 | Molecular cloning and expression analysis of aquaporin-1 from the <i>Coilia nasus</i> under high-salinity conditions. <i>Journal of Fishery Sciences of China</i> , 2017 , 24, 449 | 1.8 | 2 |
| 40 | Effect of addition of salt on oxidant activity and apoptosis of <i>Coilia nasus</i> juveniles under air exposure stress. <i>Aquaculture Reports</i> , 2021 , 20, 100696 | 2.3 | 2 |

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| 39 | Effects of acute hypoxia stress on hemato-biochemical parameters, oxidative resistance ability, and immune responses of hybrid yellow catfish (<i>Pelteobagrus fulvidraco</i> [P. vachelli] juveniles. <i>Aquaculture International</i> , 2021 , 29, 2181-2196 | 2.6 | 2 |
| 38 | Effects of Feeding Rates on Growth, Digestive Enzyme Activity, Serum Biochemical Parameters, and Body Composition of Juvenile, Genetically Improved, Farmed Nile Tilapia Reared in an In-Pond Raceway Recirculating Culture System. <i>North American Journal of Aquaculture</i> , 2020 , 82, 75-83 | 1.5 | 2 |
| 37 | Effects of effective microorganisms on the growth performance, nutritional composition and flavour quality of the pond-cultured <i>Eriocheir sinensis</i> . <i>Aquaculture Research</i> , 2021 , 52, 871-880 | 1.9 | 2 |
| 36 | Assessing the genetic diversity of the critically endangered Chinese sturgeon <i>Acipenser sinensis</i> using mitochondrial markers and genome-wide single-nucleotide polymorphisms from RAD-seq. <i>Science China Life Sciences</i> , 2018 , 61, 1090-1098 | 8.5 | 2 |
| 35 | Full-length transcriptomic analysis reveals osmoregulatory mechanisms in <i>Coilia nasus</i> eyes reared under hypotonic and hyperosmotic stress. <i>Science of the Total Environment</i> , 2021 , 799, 149333 | 10.2 | 2 |
| 34 | Selenium-Cultured in the Diet Can Alleviate Oxidative Stress and Immune Suppression in Chinese Mitten Crab (<i>Eriocheir sinensis</i>) Under Copper Exposure. <i>Frontiers in Physiology</i> , 2020 , 11, 713 | 4.6 | 1 |
| 33 | Investigating the distribution of the Yangtze finless porpoise in the Yangtze River using environmental DNA. <i>PLoS ONE</i> , 2019 , 14, e0221120 | 3.7 | 1 |
| 32 | Diversity of Intestinal Microbiota in <i>Coilia ectenes</i> from Lake Taihu, China. <i>Open Life Sciences</i> , 2017 , 12, 315-325 | 1.2 | 1 |
| 31 | Effects of dietary tea tree oil on the growth, physiological and non-specific immunity response in the giant freshwater prawn (<i>Macrobrachium rosenbergii</i>) under high ammonia stress.. <i>Fish and Shellfish Immunology</i> , 2021 , 120, 458-469 | 4.3 | 1 |
| 30 | Response of Sex Steroid Hormone Synthesis Substrates in Serum and Testes of Male Tilapia (<i>Oreochromis niloticus</i>) Exposed to Methomyl and Its Recovery Pattern. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 10997 | 2.6 | 1 |
| 29 | Single nucleotide polymorphisms of β -desaturase and <i>Elovl5</i> segments and their associations with common carp (<i>Cyprinus carpio</i>) growth traits. <i>Genetics and Molecular Research</i> , 2015 , 14, 12848-54 | 1.2 | 1 |
| 28 | Transcriptome profiling reveals differential expression of immune-related genes in gills of hybrid yellow catfish (<i>Tachysurus fulvidraco</i> ? [Pseudobagrus vachellii ?] under hypoxic stress: Potential NLR-mediated immune response. <i>Fish and Shellfish Immunology</i> , 2021 , 119, 409-419 | 4.3 | 1 |
| 27 | Changes in the fecal microbiome of the Yangtze finless porpoise during a short-term therapeutic treatment. <i>Open Life Sciences</i> , 2020 , 15, 296-310 | 1.2 | 1 |
| 26 | Molecular insights into the sex-differential regulation of signal transduction in the cerebral ganglion and metabolism in the hepatopancreas of <i>Eriocheir sinensis</i> during reproduction. <i>Genomics</i> , 2020 , 112, 71-81 | 4.3 | 1 |
| 25 | Effect of Chronic Exposure to Pesticide Methomyl on Antioxidant Defense System in Testis of Tilapia (<i>Oreochromis niloticus</i>) and Its Recovery Pattern. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 3332 | 2.6 | 1 |
| 24 | Dynamic changes in microbial community structure in farming pond water and their effect on the intestinal microbial community profile in juvenile common carp (<i>Cyprinus carpio</i> L.). <i>Genomics</i> , 2021 , 113, 2547-2560 | 4.3 | 1 |
| 23 | Capacity for freshwater acclimation and differences in the transcription of ion transporter genes underlying different migratory life histories of Takifugu fish. <i>Gene</i> , 2021 , 767, 145285 | 3.8 | 1 |
| 22 | The effects of dissolved oxygen and dietary protein levels on growth performance, physiological parameters and the immune response of the genetically improved farmed tilapia juveniles (<i>Oreochromis niloticus</i>). <i>Aquaculture Research</i> , 2021 , 52, 547-558 | 1.9 | 1 |

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| 21 | Effects of cyclophosphamide on antioxidative and immune functions of Nile tilapia (<i>Oreochromis niloticus</i>) via the TLR-NF- κ B signaling pathway. <i>Aquatic Toxicology</i> , 2021 , 239, 105956 | 5.1 | 1 |
| 20 | Complete mitochondrial genome of <i>Paracanthobrama guichenoti</i> . <i>Mitochondrial DNA</i> , 2016 , 27, 727-8 | | 0 |
| 19 | Cloning of the gene encoding acyl-CoA thioesterase 11 and its functional characterization in hybrid yellow catfish (<i>Pelteobagrus fulvidraco</i> ? [<i>Pelteobagrus vachelli</i> ?]) under heat stress. <i>Journal of Thermal Biology</i> , 2020 , 93, 102681 | 2.9 | 0 |
| 18 | Analysis of <i>Streptococcus agalactiae</i> -induced liver injury in tilapia (<i>Oreochromis niloticus</i>). <i>Aquaculture Research</i> , 2020 , 51, 1398-1405 | 1.9 | 0 |
| 17 | Alteration of endoplasmic reticulum stress, inflammation and anti-oxidative status in cyclophosphamide-damaged liver of Nile tilapia (<i>Oreochromis niloticus</i>).. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2022 , 254, 109271 | 3.2 | 0 |
| 16 | Flesh flavor of red swamp crayfish (<i>Procambarus clarkii</i> Girard, 1852) processing by GS-IMS and electronic tongue is changed by dietary animal and plant protein. <i>Food Chemistry</i> , 2021 , 373, 131453 | 8.5 | 0 |
| 15 | Gills full-length transcriptomic analysis of osmoregulatory adaptive responses to salinity stress in <i>Coilia nasus</i> . <i>Ecotoxicology and Environmental Safety</i> , 2021 , 226, 112848 | 7 | 0 |
| 14 | Alterations of amino acid metabolism and intestinal microbiota in Chinese mitten crab (<i>Eriocheir sinensis</i>) fed on formulated diet and iced trash fish. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2021 , 40, 100924 | 2 | 0 |
| 13 | Alleviative effects of total flavones of on oxidative stress and lipid metabolism disorder induced by high-fat diet in intestines of Tilapia (). <i>3 Biotech</i> , 2021 , 11, 348 | 2.8 | 0 |
| 12 | The stage-specific long non-coding RNAs and mRNAs identification and analysis during early development of common carp, <i>Cyprinus carpio</i> . <i>Genomics</i> , 2021 , 113, 20-28 | 4.3 | 0 |
| 11 | Heat Shock Procedure Affects Cell Division-Associated Genes in Gynogenetic Manipulation.. <i>Marine Biotechnology</i> , 2022 , 24, 354 | 3.4 | 0 |
| 10 | Zinc alters behavioral phenotypes, neurotransmitter signatures, and immune homeostasis in male zebrafish (<i>Danio rerio</i>).. <i>Science of the Total Environment</i> , 2022 , 154099 | 10.2 | 0 |
| 9 | Whole-genome resequencing of three <i>Coilia nasus</i> population reveals genetic variations in genes related to immune, vision, migration, and osmoregulation. <i>BMC Genomics</i> , 2021 , 22, 878 | 4.5 | 0 |
| 8 | Microcystin-LR induces apoptosis in Juvenile <i>Eriocheir sinensis</i> via the mitochondrial pathway.. <i>Ecotoxicology and Environmental Safety</i> , 2022 , 238, 113528 | 7 | 0 |
| 7 | Complete mitochondrial genome of <i>Lateolabrax maculatus</i> . <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016 , 27, 2510-1 | 1.3 | |
| 6 | Regulatory effects of Glycyrrhiza total flavones on fatty liver injury induced by a high-fat diet in tilapia (<i>Oreochromis niloticus</i>) via the Nrf2 and TLR signaling pathways. <i>Aquaculture International</i> , 2021 , 1 | 2.6 | |
| 5 | Hypoxia-induced miR-92a regulates p53 signaling pathway and apoptosis by targeting calcium-sensing receptor in genetically improved farmed tilapia (<i>Oreochromis niloticus</i>) 2020 , 15, e0238897 | | |
| 4 | Hypoxia-induced miR-92a regulates p53 signaling pathway and apoptosis by targeting calcium-sensing receptor in genetically improved farmed tilapia (<i>Oreochromis niloticus</i>) 2020 , 15, e0238897 | | |

- 3 Hypoxia-induced miR-92a regulates p53 signaling pathway and apoptosis by targeting calcium-sensing receptor in genetically improved farmed tilapia (*Oreochromis niloticus*) **2020**, 15, e0238897
- 2 Hypoxia-induced miR-92a regulates p53 signaling pathway and apoptosis by targeting calcium-sensing receptor in genetically improved farmed tilapia (*Oreochromis niloticus*) **2020**, 15, e0238897
- 1 Upregulation of miR-33 Exacerbates Heat-Stress-Induced Apoptosis in Granulosa Cell and Follicular Atresia of Nile Tilapia (*Oreochromis niloticus*) by Targeting TGF β 1. *Genes*, **2022**, 13, 1009 4.2