

# Pao Xu

## List of Publications by Year in descending order

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167  
papers

4,170  
citations

109321

35  
h-index

161849

54  
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169  
all docs

169  
docs citations

169  
times ranked

4422  
citing authors

#	ARTICLE	IF	CITATIONS
1	The <i>Sinocyclocheilus cavefish</i> genome provides insights into cave adaptation. <i>BMC Biology</i> , 2016, 14, 1.	3.8	292
2	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.	3.6	138
3	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, 504-514.	3.6	129
4	Draft genome of the Chinese mitten crab, <i>Eriocheir sinensis</i> . <i>GigaScience</i> , 2016, 5, 5.	6.4	106
5	A revisit to fishmeal usage and associated consequences in Chinese aquaculture. <i>Reviews in Aquaculture</i> , 2018, 10, 493-507.	9.0	97
6	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.	0.7	91
7	Optimal dietary curcumin improved growth performance, and modulated innate immunity, antioxidant capacity and related genes expression of NF- $\kappa$ 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.	3.6	90
8	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.	3.3	89
9	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, 112-120.	3.8	88
10	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, 74-79.	3.6	76
11	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, 11-19.	4.0	74
12	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, 90-97.	2.5	71
13	Draft genome of the protandrous Chinese black porgy, <i>Acanthopagrus schlegelii</i> . <i>GigaScience</i> , 2018, 7, 1-7.	6.4	70
14	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.	2.6	70
15	Oxidized fish oil injury stress in <i>Megalobrama amblycephala</i> : Evaluated by growth, intestinal physiology, and transcriptome-based PI3K-Akt/NF- $\kappa$ B/TCR inflammatory signaling. <i>Fish and Shellfish Immunology</i> , 2018, 81, 446-455.	3.6	67
16	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.	3.6	65
17	Effects of emodin and vitamin E on the growth and crowding stress of Wuchang bream ( <i>Megalobrama</i> ) Tj ETQq1 1.0,784314,rgBT/O	3.6	64
18	The role of currently used medicinal plants in aquaculture and their action mechanisms: A review. <i>Reviews in Aquaculture</i> , 2022, 14, 816-847.	9.0	64

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19	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.	2.2	60
20	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.	3.6	60
21	miR-122 promotes hepatic antioxidant defense of genetically improved farmed tilapia (GIFT). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Toxicology</i> , 2017, 182, 39-48.	4.0	56
22	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.	2.5	51
23	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, 639-644.	3.6	51
24	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.	3.6	50
25	Ionic Liquid-Based Ultrasonic/Microwave-Assisted Extraction Combined with UPLC for the Determination of Anthraquinones in Rhubarb. <i>Chromatographia</i> , 2011, 74, 139-144.	1.3	49
26	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.	3.3	48
27	High Fat Diet-Induced miR-122 Regulates Lipid Metabolism and Fat Deposition in Genetically Improved Farmed Tilapia (GIFT, <i>Oreochromis niloticus</i> ) Liver. <i>Frontiers in Physiology</i> , 2018, 9, 1422.	2.8	48
28	Antibacterial properties of anthraquinones extracted from rhubarb against <i>Aeromonas hydrophila</i> . <i>Fisheries Science</i> , 2011, 77, 375-384.	1.6	47
29	High-quality genome assembly of channel catfish, <i>Ictalurus punctatus</i> . <i>GigaScience</i> , 2016, 5, 39.	6.4	45
30	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.	1.8	45
31	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.	3.6	45
32	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.	2.5	44
33	HSP60 and HSP90 $\alpha$ 2 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.	3.6	39
34	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.	2.8	38
35	Draft genome of the lined seahorse, <i>Hippocampus erectus</i> . <i>GigaScience</i> , 2017, 6, 1-6.	6.4	38
36	Changes in Physiological Parameters, Lipid Metabolism, and Expression of MicroRNAs in Genetically Improved Farmed Tilapia ( <i>Oreochromis niloticus</i> ) With Fatty Liver Induced by a High-Fat Diet. <i>Frontiers in Physiology</i> , 2018, 9, 1521.	2.8	38

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37	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, 317-324.	3.6	37
38	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.	3.3	37
39	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.	6.0	35
40	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.	2.8	34
41	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.	1.8	33
42	Effects of chronic glyphosate exposure on antioxidative 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.	2.6	33
43	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.	6.0	32
44	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.	4.0	32
45	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.	3.6	31
46	Inhibition of miR-92d-3p enhances inflammation responses in genetically improved farmed tilapia (GIFT, <i>Oreochromis niloticus</i> ). <i>Fish and Shellfish Immunology</i> , 2017, 63, 367-375.	3.6	29
47	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.	2.6	28
48	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.	1.8	28
49	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, .	6.4	26
50	Immune, inflammatory, autophagic and DNA damage responses to long-term H <sub>2</sub> O <sub>2</sub> exposure in different tissues of common carp ( <i>Cyprinus carpio</i> ). <i>Science of the Total Environment</i> , 2021, 757, 143831.	8.0	26
51	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.	1.8	25
52	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.	2.5	25
53	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.	3.6	25
54	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.	3.6	24

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55	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> ). PLoS ONE, 2019, 14, e0224995.	2.5	22
56	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. Aquaculture Research, 2016, 47, 758-768.	1.8	21
57	Physiological response and microRNA expression profiles in head kidney of genetically improved farmed tilapia (GIFT, <i>Oreochromis niloticus</i> ) exposed to acute cold stress. Scientific Reports, 2018, 8, 172.	3.3	21
58	miR-34a Regulates the Activity of HIF-1a and P53 Signaling Pathways by Promoting GLUT1 in Genetically Improved Farmed Tilapia (GIFT, <i>Oreochromis niloticus</i> ) Under Hypoxia Stress. Frontiers in Physiology, 2020, 11, 670.	2.8	21
59	Effects of methomyl on steroidogenic gene transcription of the hypothalamic-pituitary-gonad-liver axis in male tilapia. Chemosphere, 2016, 165, 152-162.	8.2	19
60	Sex Reversal Effect of Dietary <i>Aloe vera</i> (Liliaceae) on Genetically Improved Farmed Nile Tilapia Fry. North American Journal of Aquaculture, 2017, 79, 100-105.	1.4	19
61	miR-205-5p negatively regulates hepatic acetyl-CoA carboxylase $\beta$ mRNA in lipid metabolism of <i>Oreochromis niloticus</i> . Gene, 2018, 660, 1-7.	2.2	19
62	Combined QTL and Genome Scan Analyses With the Help of 2b-RAD Identify Growth-Associated Genetic Markers in a New Fast-Growing Carp Strain. Frontiers in Genetics, 2018, 9, 592.	2.3	19
63	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. Aquaculture Research, 2019, 50, 1338-1347.	1.8	19
64	Influences of Environmental Factors on Lanthanum/Aluminum-Modified Zeolite Adsorbent (La/Al-ZA) for Phosphorus Adsorption from Wastewater. Water, Air, and Soil Pollution, 2013, 224, 1.	2.4	17
65	miR-29a modulates SCD expression and is regulated in response to a saturated fatty acids diet in juvenile GIFT ( <i>Oreochromis niloticus</i> ). Journal of Experimental Biology, 2017, 220, 1481-1489.	1.7	17
66	Protective effect of <i>Ganoderma lucidum</i> polysaccharide against carbon tetrachloride-induced hepatic damage in precision-cut carp liver slices. Fish Physiology and Biochemistry, 2017, 43, 1209-1221.	2.3	17
67	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). Fish Physiology and Biochemistry, 2018, 44, 747-768.	2.3	17
68	miR-489-3p Regulates the Oxidative Stress Response in the Liver and Gill Tissues of Hybrid Yellow Catfish ( <i>Pelteobagrus fulvidraco</i> × <i>P. vachelli</i> ) Under Cu <sup>2+</sup> Exposure by Targeting Cu/Zn-SOD. Frontiers in Physiology, 2019, 10, 868.	2.8	17
69	Optimum feeding frequency of juvenile largemouth bass ( <i>Micropterus salmoides</i> ) reared in in-pond raceway recirculating culture system. Fish Physiology and Biochemistry, 2020, 46, 2197-2212.	2.3	17
70	Effect of methomyl on sex steroid hormone and vitellogenin levels in serum of male tilapia ( <i>Oreochromis niloticus</i> ) and recovery pattern. Environmental Toxicology, 2017, 32, 1869-1877.	4.0	16
71	A comparative transcriptomic study on developmental gonads provides novel insights into sex change in the protandrous black porgy ( <i>Acanthopagrus schlegelii</i> ). Genomics, 2019, 111, 277-283.	2.9	16
72	Whole genome sequencing of Chinese clearhead icefish, <i>Protosalanx hyalocranius</i> . GigaScience, 2017, 6, 1-6.	6.4	15

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73	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.	3.6	15
74	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 &amp; Integrative Physiology</i> , 2019, 231, 19-29.	1.8	15
75	Transcriptome profiling reveals differential expression of immune-related genes in gills of hybrid yellow catfish ( <i>Tachysurus fulvidraco</i> × <i>Pseudobagrus vachellii</i> ) under hypoxic stress: Potential NLR-mediated immune response. <i>Fish and Shellfish Immunology</i> , 2021, 119, 409-419.	3.6	15
76	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.	2.5	14
77	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.	5.3	14
78	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.	2.6	14
79	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.	1.0	14
80	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, 15-17.	1.1	13
81	A chromosome-level genome assembly of the Asian arowana, <i>Scleropages formosus</i> . <i>Scientific Data</i> , 2016, 3, 160105.	5.3	13
82	Water quality and physiological response of F <sub>1</sub> hybrid seabream ( <i>Pagrus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (Research, 2018, 49, 767-775.	1.8	13
83	Relationship Between the Fatty Acid Profiles and Gut Bacterial Communities of the Chinese Mitten Crab ( <i>Eriocheir sinensis</i> ) From Ecologically Different Habitats. <i>Frontiers in Microbiology</i> , 2020, 11, 565267.	3.5	13
84	Untargeted LC-MS 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.	1.8	13
85	Effects of cyclophosphamide on antioxidative and immune functions of Nile tilapia ( <i>Oreochromis</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 387 Td (Research, 2018, 49, 767-775.	4.0	13
86	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, 2247-2257.	0.2	13
87	Molecular characterization and differential expression of the myostatin gene in <i>Coilia nasus</i> . <i>Gene</i> , 2014, 543, 153-160.	2.2	12
88	Testes transcriptome profiles of the anadromous fish <i>Coilia nasus</i> during the onset of spermatogenesis. <i>Marine Genomics</i> , 2015, 24, 241-243.	1.1	12
89	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.	2.1	12
90	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	12



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91	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.	2.5	12
92	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.	2.6	12
93	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> , 2022, 120, 458-469.	3.6	12
94	First studies of embryonic and larval development of <i>Coilia nasus</i> (Engraulidae) under controlled conditions. <i>Aquaculture Research</i> , 2011, 42, 593-601.	1.8	11
95	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.	1.8	11
96	miR-1338-5p Modulates Growth Hormone Secretion and Glucose Utilization by Regulating ghrtm in Genetically Improved Farmed Tilapia (GIFT, <i>Oreochromis niloticus</i> ). <i>Frontiers in Physiology</i> , 2017, 8, 998.	2.8	11
97	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.	1.4	11
98	Interaction Between the Intestinal Microbial Community and Transcriptome Profile in Common Carp ( <i>Cyprinus carpio</i> L.). <i>Frontiers in Microbiology</i> , 2021, 12, 659602.	3.5	11
99	Effects of acute hypoxia stress on hemato-biochemical parameters, oxidative resistance ability, and immune responses of hybrid yellow catfish ( <i>Pelteobagrus fulvidraco</i> — <i>P. vachelli</i> ) juveniles. <i>Aquaculture International</i> , 2021, 29, 2181-2196.	2.2	11
100	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.	7.5	11
101	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.	0.7	10
102	Investigating the distribution of the Yangtze finless porpoise in the Yangtze River using environmental DNA. <i>PLoS ONE</i> , 2019, 14, e0221120.	2.5	10
103	Oxidative stress, ion concentration change and immune response in gills of common carp ( <i>Cyprinus</i> ) Tj ETQq1 1 0.784314 rgBT /Over Toxicology and Pharmacology, 2020, 230, 108711.	2.6	10
104	Physiological parameters and gut microbiome associated with different dietary lipid levels in hybrid yellow catfish ( <i>Tachysurus fulvidraco</i> ™— <i>Pseudobagrus vachellii</i> ™). <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2021, 37, 100777.	1.0	10
105	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> , 2022, 373, 131453.	8.2	10
106	Microcystin-LR induces apoptosis in Juvenile <i>Eriocheir sinensis</i> via the mitochondrial pathway. <i>Ecotoxicology and Environmental Safety</i> , 2022, 238, 113528.	6.0	10
107	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, 303-309.	2.2	9
108	Molecular cloning and expression analysis on LPL of <i>Coilia nasus</i> . <i>Gene</i> , 2016, 583, 147-159.	2.2	9

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109	Regulation of signal transduction in <i>Coilia nasus</i> during migration. <i>Genomics</i> , 2020, 112, 55-64.	2.9	9
110	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.	2.9	9
111	Monogonont Rotifer, <i>Brachionus calyciflorus</i> , Possesses Exceptionally Large, Fragmented Mitogenome. <i>PLoS ONE</i> , 2016, 11, e0168263.	2.5	9
112	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.	2.2	9
113	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.	2.9	8
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142	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.	2.8	5
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145	Effects of dietary tea tree ( <i>Melaleuca alternifolia</i> ) oil and feeding patterns on the zootechnical performance and nonspecific immune response of the giant freshwater prawn ( <i>Macrobrachium</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 1	2.4	3
146	Alterations of amino acid metabolism and intestinal microbiota in Chinese mitten crab ( <i>Eriocheir</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7 Genomics and Proteomics, 2021, 40, 100924.	1.0	4
147	Responses and recovery pattern of sex steroid hormones in testis of Nile tilapia ( <i>Oreochromis</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 1	2.4	3
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