

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
g-index

169
all docs

169
docs citations

169
times ranked

4422
citing authors

#	ARTICLE	IF	CITATIONS
1	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 0.7844814 rgBT /Overlo	8.2	10
2	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.	2.2	9
3	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.	9.0	64
4	The role of currently used medicinal plants in aquaculture and their action mechanisms: A review. <i>Reviews in Aquaculture</i> , 2022, 14, 816-847.	3.6	12
5	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.	2.6	3
6	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.	2.2	1
7	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> , 2022, 30, 1527-1548.	1.6	2
8	Anisakidae parasitism activated immune response and induced liver fibrosis in wild anadromous <i>Coilia nasus</i> . <i>Journal of Fish Biology</i> , 2022, 100, 958-969.	2.4	2
9	Heat Shock Procedure Affects Cell Division-Associated Genes in Gynogenetic Manipulation. <i>Marine Biotechnology</i> , 2022, 24, 354.	8.0	5
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, 828, 154099.	6.0	10
11	Microcystin-LR induces apoptosis in Juvenile <i>Eriocheir sinensis</i> via the mitochondrial pathway. <i>Ecotoxicology and Environmental Safety</i> , 2022, 238, 113528.	2.4	5
12	Upregulation of miR-33 Exacerbates Heat-Stress-Induced Apoptosis in Granulosa Cell and Follicular Atresia of Nile Tilapia (<i>Oreochromis niloticus</i>) by Targeting TGF β 111. <i>Genes</i> , 2022, 13, 1009.	2.6	14
13	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	33
14	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.	1.8	13
15	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.	8.0	26
16	Immune, inflammatory, autophagic and DNA damage responses to long-term H ₂ O ₂ exposure in different tissues of common carp (<i>Cyprinus carpio</i>). <i>Science of the Total Environment</i> , 2021, 757, 143831.	2.2	7
17	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.	2.9	7
18	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.		

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19	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
20	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.	1.0	5
21	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.	1.8	5
22	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.	1.8	6
23	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
24	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
25	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
26	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
27	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.	2.5	5
28	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.	2.5	6
29	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
30	Alleviative effects of total flavones of <i>Glycyrrhiza uralensis</i> Fisch on oxidative stress and lipid metabolism disorder induced by high-fat diet in intestines of Tilapia (<i>Oreochromis niloticus</i>). <i>3 Biotech</i> , 2021, 11, 348.	2.2	5
31	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.	1.7	3
32	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
33	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
34	Effects of cyclophosphamide on antioxidative and immune functions of Nile tilapia (<i>Oreochromis</i>) Tj ETQq0 0 0 rgBT /Overlock, 10 Tf 50	4.0	13
35	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
36	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.	8.0	8

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37	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.	6.0	8
38	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
39	Alterations of amino acid metabolism and intestinal microbiota in Chinese mitten crab (<i>Eriocheir</i>) Tj ETQq1 1 0.784314 rgBT /Overlock Genomics and Proteomics, 2021, 40, 100924.	1.0	4
40	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</i> (Switzerland), 2021, 11, 10997.	2.5	1
41	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
42	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.	1.4	3
43	Regulation of signal transduction in <i>Coilia nasus</i> during migration. <i>Genomics</i> , 2020, 112, 55-64.	2.9	9
44	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.	3.6	90
45	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
46	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.	2.9	7
47	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
48	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
49	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.	1.0	6
50	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
51	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.	2.3	17
52	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.	2.5	2
53	Selenium-Cultured <i>Potamogeton maackianus</i> 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.	2.8	5
54	Transcriptome analysis of the brain provides insights into the regulatory mechanism for <i>Coilia nasus</i> migration. <i>BMC Genomics</i> , 2020, 21, 410.	2.8	6

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55	Analysis of <i>Streptococcus agalactiae</i> induced liver injury in tilapia (<i>Oreochromis niloticus</i>). <i>Aquaculture Research</i> , 2020, 51, 1398-1405.	1.8	2
56	miR-34a Regulates the Activity of HIF-1 α and P53 Signaling Pathways by Promoting GLUT1 in Genetically Improved Farmed Tilapia (GIFT, <i>Oreochromis niloticus</i>) Under Hypoxia Stress. <i>Frontiers in Physiology</i> , 2020, 11, 670.	2.8	21
57	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
58	Oxidative stress, ion concentration change and immune response in gills of common carp (<i>Cyprinus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf . <i>Toxicology and Pharmacology</i> , 2020, 230, 108711.	2.6	10
59	Insights into response to food intake in anadromous <i>Coilia nasus</i> through stomach transcriptome analysis. <i>Aquaculture Research</i> , 2020, 51, 2799-2812.	1.8	7
60	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
61	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.	1.4	5
62	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.	2.5	6
63	Title is missing!. , 2020, 15, e0238897.		0
64	Title is missing!. , 2020, 15, e0238897.		0
65	Title is missing!. , 2020, 15, e0238897.		0
66	Title is missing!. , 2020, 15, e0238897.		0
67	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
68	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
69	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> \times <i>Pseudobagrus vachellii</i>). <i>Journal of Thermal Biology</i> , 2019, 86, 102436.	2.5	25
70	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
71	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.	2.5	22
72	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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73	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
74	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 ²⁺ Exposure by Targeting Cu/Zn-SOD. <i>Frontiers in Physiology</i> , 2019, 10, 868.	2.8	17
75	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 vachelli</i>). <i>Journal of Thermal Biology</i> , 2019, 83, 47-53.	2.5	12
76	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
77	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.	1.8	19
78	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
79	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.	1.8	15
80	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
81	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
82	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.	2.9	16
83	Draft genome of the protandrous Chinese black porgy, <i>Acanthopagrus schlegelii</i> . <i>GigaScience</i> , 2018, 7, 1-7.	6.4	70
84	Archaeal community compositions in tilapia pond systems and their influencing factors. <i>World Journal of Microbiology and Biotechnology</i> , 2018, 34, 43.	3.6	7
85	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
86	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, 172.	3.3	21
87	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.	1.9	6
88	HSP60 and HSP90 α 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
89	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.	2.3	17
90	miR-205-5p negatively regulates hepatic acetyl-CoA carboxylase β mRNA in lipid metabolism of <i>Oreochromis niloticus</i> . <i>Gene</i> , 2018, 660, 1-7.	2.2	19

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91	A revisit to fishmeal usage and associated consequences in Chinese aquaculture. <i>Reviews in Aquaculture</i> , 2018, 10, 493-507.	9.0	97
92	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
93	Water quality and physiological response of F ₁ hybrid seabream (<i>Pagrus</i>) Tj ETQq1 1 0.784314 rgBT/Overlock 10 Tf 5 Research, 2018, 49, 767-775.	1.8	13
94	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
95	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.	2.3	19
96	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
97	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.	4.9	5
98	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.	3.6	67
99	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.	2.8	5
100	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
101	China is initiating the Aquatic 10-100-1,000 Genomics Program. <i>Science China Life Sciences</i> , 2017, 60, 329-332.	4.9	6
102	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
103	Inhibition of miR-92d-3p enhances inflammation responses in genetically improved farmed tilapia (GIFT,) Tj ETQq1 1 0.784314 rgBT/Shellfish Immunology, 2017, 63, 367-375.	3.6	29
104	miR-29a modulates SCD expression and is regulated in response to a saturated fatty acids diet in juvenile GIFT (<i>Oreochromis niloticus</i>). <i>Journal of Experimental Biology</i> , 2017, 220, 1481-1489.	1.7	17
105	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.	4.0	16
106	Sex Reversal Effect of Dietary <i>Aloe vera</i> (Liliaceae) on Genetically Improved Farmed Nile Tilapia Fry. <i>North American Journal of Aquaculture</i> , 2017, 79, 100-105.	1.4	19
107	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
108	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

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109	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
110	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
111	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.	2.3	17
112	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
113	miR-122 promotes hepatic antioxidant defense of genetically improved farmed tilapia (GIFT, Tj ETQq1 1 0.784314 rgBT /Overlock 10 Toxicology, 2017, 182, 39-48.	4.0	56
114	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
115	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
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129	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
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