

Xinxin You

List of Publications by Year in Descending Order

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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.

71
papers

1,215
citations

19
h-index

32
g-index

74
ext. papers

1,679
ext. citations

5.1
avg. IF

4.22
L-index

#	Paper	IF	Citations
71	Whole-Genome Sequencing of Reveals Phylogenetic Evolution and Immunological Variances in Various Fishes. <i>Frontiers in Genetics</i> , 2021 , 12, 736500	4.5	
70	Toll protein family structure, evolution and response of the whiteleg shrimp (<i>Litopenaeus vannamei</i>) to exogenous iridescent virus. <i>Journal of Fish Diseases</i> , 2021 , 44, 1131-1145	2.6	3
69	Balancing selection maintains ancient polymorphisms at conserved enhancers for the olfactory receptor genes of a Chinese marine fish. <i>Molecular Ecology</i> , 2021 , 30, 4023-4038	5.7	0
68	A Chromosome-Level Genome Assembly of the Mandarin Fish (). <i>Frontiers in Genetics</i> , 2021 , 12, 671650	4.5	3
67	Temporal dynamics of teleost populations during the Pleistocene: a report from publicly available genome data. <i>BMC Genomics</i> , 2021 , 22, 490	4.5	0
66	Characterization of five caspase genes and their transcriptional changes in response to exogenous iridescent virus challenge in the whiteleg shrimp (<i>Litopenaeus vannamei</i>). <i>Aquaculture</i> , 2021 , 534, 736192	4.4	4
65	Molecular evolution of melatonin receptor genes (<i>mtnr</i>) in vertebrates and its shedding light on <i>mtnr1c</i> . <i>Gene</i> , 2021 , 769, 145256	3.8	1
64	Genome-wide association improves genomic selection for ammonia tolerance in the orange-spotted grouper (<i>Epinephelus coioides</i>). <i>Aquaculture</i> , 2021 , 533, 736214	4.4	7
63	Draft Genome of the Mirrorwing Flyingfish (). <i>Frontiers in Genetics</i> , 2021 , 12, 695700	4.5	
62	A chromosome-level genome assembly of the striped catfish (<i>Pangasianodon hypophthalmus</i>). <i>Genomics</i> , 2021 , 113, 3349-3356	4.3	3
61	Whole-Genome Sequencing and Genome-Wide Studies of Spiny Head Croaker () Reveals Potential Insights for Well-Developed Otoliths in the Family Scaenidae. <i>Frontiers in Genetics</i> , 2021 , 12, 730255	4.5	
60	Developing Single Nucleotide Polymorphisms for Identification of Cod Products by RAD-Seq. <i>Animals</i> , 2020 , 10,	3.1	4
59	The First Genome Survey of the Antarctic Krill () Provides a Valuable Genetic Resource for Polar Biomedical Research. <i>Marine Drugs</i> , 2020 , 18,	6	3
58	Research advances in the genomics and applications for molecular breeding of aquaculture animals. <i>Aquaculture</i> , 2020 , 526, 735357	4.4	41
57	Simulation Analysis on Genomic Selection of Grouper (<i>Epinephelus coioides</i>) Breeding for Categorical Traits. <i>Current Chinese Science</i> , 2020 , 1, 87-97	0.2	
56	Characterization of two <i>kcnk3</i> genes in Nile tilapia (<i>Oreochromis niloticus</i>): Molecular cloning, tissue distribution, and transcriptional changes in various salinity of seawater. <i>Genomics</i> , 2020 , 112, 2213-2222	4.3	4
55	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

54 Fish Genomics **2020**, 1843-1866

53	Chromosome Genome Assembly of the Leopard Coral Grouper () With Nanopore and Hi-C Sequencing Data. <i>Frontiers in Genetics</i> , 2020 , 11, 876	4.5	0
52	A Comparative Metagenomics Study on Gastrointestinal Microbiota in Amphibious Mudskippers and Other Vertebrate Animals. <i>Animals</i> , 2019 , 9,	3.1	4
51	Whole Genome Sequencing of the Giant Grouper () and High-Throughput Screening of Putative Antimicrobial Peptide Genes. <i>Marine Drugs</i> , 2019 , 17,	6	10
50	Whole Genome Sequencing of Chinese White Dolphin () for High-Throughput Screening of Antihypertensive Peptides. <i>Marine Drugs</i> , 2019 , 17,	6	7
49	Divergence, evolution and adaptation in ray-finned fish genomes. <i>Science China Life Sciences</i> , 2019 , 62, 1003-1018	8.5	15
48	High-throughput identification of heavy metal binding proteins from the byssus of chinese green mussel (<i>Perna viridis</i>) by combination of transcriptome and proteome sequencing. <i>PLoS ONE</i> , 2019 , 14, e0216605	3.7	4
47	Construction of a High-Density Linkage Map and QTL Fine Mapping for Growth- and Sex-Related Traits in Channel Catfish (). <i>Frontiers in Genetics</i> , 2019 , 10, 251	4.5	25
46	Molecular Evolution of Tryptophan Hydroxylases in Vertebrates: A Comparative Genomic Survey. <i>Genes</i> , 2019 , 10,	4.2	8
45	Paralogues From the Expanded Tlr11 Gene Family in Mudskipper () Are Under Positive Selection and Respond Differently to LPS/Poly(I:C) Challenge. <i>Frontiers in Immunology</i> , 2019 , 10, 343	8.4	7
44	Identification of Candidate Genes for the Plateau Adaptation of a Tibetan Amphipod, , Through Integration of Genome and Transcriptome Sequencing. <i>Frontiers in Genetics</i> , 2019 , 10, 53	4.5	6
43	Draft Genome and Complete -Cluster Characterization of the Sterlet (). <i>Frontiers in Genetics</i> , 2019 , 10, 776	4.5	16
42	Genome resequencing of the orange-spotted grouper (<i>Epinephelus coioides</i>) for a genome-wide association study on ammonia tolerance. <i>Aquaculture</i> , 2019 , 512, 734332	4.4	13
41	Genome Sequencing of the Japanese Eel () for Comparative Genomic Studies on and a Gene Cluster in Teleost Fishes. <i>Marine Drugs</i> , 2019 , 17,	6	4
40	Whole Genome Sequencing of the Blue Tilapia () Provides a Valuable Genetic Resource for Biomedical Research on Tilapias. <i>Marine Drugs</i> , 2019 , 17,	6	10
39	Whole-Genome Sequencing of the Giant Devil Catfish, <i>Bagarius yarrelli</i> . <i>Genome Biology and Evolution</i> , 2019 , 11, 2071-2077	3.9	11
38	An SNP-Based Genetic Map and QTL Mapping for Growth Traits in the Red-Spotted Grouper (). <i>Genes</i> , 2019 , 10,	4.2	5
37	High-Throughput Identification of Putative Antimicrobial Peptides from Multi-Omics Data of the Lined Seahorse (). <i>Marine Drugs</i> , 2019 , 18,	6	5

36	High throughput screening of small immune peptides and antimicrobial peptides from the Fish-T1K database. <i>Genomics</i> , 2019 , 111, 215-221	4.3	2
35	Genome and Transcriptome Sequencing of the Astaxanthin-Producing Green Microalga, <i>Haematococcus pluvialis</i> . <i>Genome Biology and Evolution</i> , 2019 , 11, 166-173	3.9	32
34	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
33	Draft genome of the protandrous Chinese black porgy, <i>Acanthopagrus schlegelii</i> . <i>GigaScience</i> , 2018 , 7, 1-7	7.6	52
32	A genome-wide association study on growth traits in orange-spotted grouper (<i>Epinephelus coioides</i>) with RAD-seq genotyping. <i>Science China Life Sciences</i> , 2018 , 61, 934-946	8.5	16
31	Construction of high-density genetic linkage maps and QTL mapping in the golden pompano. <i>Aquaculture</i> , 2018 , 482, 90-95	4.4	17
30	Mudskippers and Their Genetic Adaptations to an Amphibious Lifestyle. <i>Animals</i> , 2018 , 8,	3.1	6
29	The Complete Mitochondrial Genome of Provides a Well-Resolved Molecular Phylogeny of the Chinese Sisorid Catfishes. <i>Genes</i> , 2018 , 9,	4.2	5
28	A Comparative Genomic Survey Provides Novel Insights into Molecular Evolution of l-Aromatic Amino Acid Decarboxylase in Vertebrates. <i>Molecules</i> , 2018 , 23,	4.8	5
27	Genome Assembly for a Yunnan-Guizhou Plateau "3E" Fish, (Regan), and Its Evolutionary and Genetic Applications. <i>Frontiers in Genetics</i> , 2018 , 9, 614	4.5	8
26	Whole-Genome Sequencing of Chinese Yellow Catfish Provides a Valuable Genetic Resource for High-Throughput Identification of Toxin Genes. <i>Toxins</i> , 2018 , 10,	4.9	10
25	Transcriptomic evidence of adaptive tolerance to high environmental ammonia in mudskippers. <i>Genomics</i> , 2018 , 110, 404-413	4.3	8
24	Draft genome of the Northern snakehead, <i>Channa argus</i> . <i>GigaScience</i> , 2017 , 6, 1-5	7.6	35
23	De novo assembly and comparative transcriptome analysis of the foot from Chinese green mussel (<i>Perna viridis</i>) in response to cadmium stimulation. <i>PLoS ONE</i> , 2017 , 12, e0176677	3.7	9
22	A Genomic Survey of SCPP Family Genes in Fishes Provides Novel Insights into the Evolution of Fish Scales. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	8
21	Whole genome sequencing of Chinese clearhead icefish, <i>Protosalanx hyalocranius</i> . <i>GigaScience</i> , 2017 , 6, 1-6	7.6	12
20	Draft genome of the lined seahorse, <i>Hippocampus erectus</i> . <i>GigaScience</i> , 2017 , 6, 1-6	7.6	28
19	High-Throughput Identification of Antimicrobial Peptides from Amphibious Mudskippers. <i>Marine Drugs</i> , 2017 , 15,	6	20

18	A Comparative Genomic and Transcriptomic Survey Provides Novel Insights into N-Acetylserotonin Methyltransferase (ASMT) in Fish. <i>Molecules</i> , 2017 , 22,	4.8	9
17	High-quality genome assembly of channel catfish, <i>Ictalurus punctatus</i> . <i>GigaScience</i> , 2016 , 5, 39	7.6	26
16	The complete mitochondrial genome of Florida gar (<i>Lepisosteus osseus</i>). <i>Mitochondrial DNA Part B: Resources</i> , 2016 , 1, 128-129	12.9	1
15	High-throughput identification of novel conotoxins from the Chinese tubular cone snail (<i>Conus betulinus</i>) by multi-transcriptome sequencing. <i>GigaScience</i> , 2016 , 5, 17	7.6	39
14	Draft genome of the Chinese mitten crab, <i>Eriocheir sinensis</i> . <i>GigaScience</i> , 2016 , 5, 5	7.6	84
13	The Sinocyclocheilus cavefish genome provides insights into cave adaptation. <i>BMC Biology</i> , 2016 , 14, 1	7.3	144
12	Comparative Transcriptomic Study of Muscle Provides New Insights into the Growth Superiority of a Novel Grouper Hybrid. <i>PLoS ONE</i> , 2016 , 11, e0168802	3.7	27
11	Genome-Wide Mapping of Growth-Related Quantitative Trait Loci in Orange-Spotted Grouper (<i>Epinephelus coioides</i>) Using Double Digest Restriction-Site Associated DNA Sequencing (ddRADseq). <i>International Journal of Molecular Sciences</i> , 2016 , 17, 501	6.3	21
10	A chromosome-level genome assembly of the Asian arowana, <i>Scleropages formosus</i> . <i>Scientific Data</i> , 2016 , 3, 160105	8.2	10
9	The complete mitochondrial genome sequence of the giant mudskipper, (Perciformes: gobiidae). <i>Mitochondrial DNA Part B: Resources</i> , 2016 , 1, 599-600	0.5	2
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	4.9	66
7	Transcriptome analysis reveals the molecular mechanisms underlying growth superiority in a novel grouper hybrid (<i>Epinephelus fuscogutatus</i> × <i>E. lanceolatus</i>). <i>BMC Genetics</i> , 2016 , 17, 24	2.6	60
6	GHRH, PRP-PACAP and GHRHR Target Sequencing via an Ion Torrent Personal Genome Machine Reveals an Association with Growth in Orange-Spotted Grouper (<i>Epinephelus coioides</i>). <i>International Journal of Molecular Sciences</i> , 2015 , 16, 26137-50	6.3	8
5	Construction of the High-Density Genetic Linkage Map and Chromosome Map of Large Yellow Croaker (<i>Larimichthys crocea</i>). <i>International Journal of Molecular Sciences</i> , 2015 , 16, 26237-48	6.3	24
4	Molecular Evolution of Aralkylamine N-Acetyltransferase in Fish: A Genomic Survey. <i>International Journal of Molecular Sciences</i> , 2015 , 17,	6.3	19
3	Mudskipper genomes provide insights into the terrestrial adaptation of amphibious fishes. <i>Nature Communications</i> , 2014 , 5, 5594	17.4	89
2	Construction of high-density genetic linkage maps for orange-spotted grouper <i>Epinephelus coioides</i> using multiplexed shotgun genotyping. <i>BMC Genetics</i> , 2013 , 14, 113	2.6	35
1	Effect of high water temperature on mortality, immune response and viral replication of WSSV-infected <i>Marsupenaeus japonicus</i> juveniles and adults. <i>Aquaculture</i> , 2010 , 305, 133-137	4.4	28

