

Ning Li

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

3,209
citations

471509

17
h-index

414414

32
g-index

33
all docs

33
docs citations

33
times ranked

3770
citing authors

#	ARTICLE	IF	CITATIONS
1	The oyster genome reveals stress adaptation and complexity of shell formation. <i>Nature</i> , 2012, 490, 49-54.	27.8	1,966
2	The channel catfish genome sequence provides insights into the evolution of scale formation in teleosts. <i>Nature Communications</i> , 2016, 7, 11757.	12.8	231
3	Aquaculture genomics, genetics and breeding in the United States: current status, challenges, and priorities for future research. <i>BMC Genomics</i> , 2017, 18, 191.	2.8	155
4	Genome-Wide Association Study of Body Weight in Chicken F2 Resource Population. <i>PLoS ONE</i> , 2011, 6, e21872.	2.5	152
5	The Y chromosome sequence of the channel catfish suggests novel sex determination mechanisms in teleost fish. <i>BMC Biology</i> , 2019, 17, 6.	3.8	91
6	Multiple across-strain and within-strain QTLs suggest highly complex genetic architecture for hypoxia tolerance in channel catfish. <i>Molecular Genetics and Genomics</i> , 2017, 292, 63-76.	2.1	61
7	GWAS analysis of QTL for enteric septicemia of catfish and their involved genes suggest evolutionary conservation of a molecular mechanism of disease resistance. <i>Molecular Genetics and Genomics</i> , 2017, 292, 231-242.	2.1	59
8	Genome-Wide Association Study Reveals Multiple Novel QTL Associated with Low Oxygen Tolerance in Hybrid Catfish. <i>Marine Biotechnology</i> , 2017, 19, 379-390.	2.4	58
9	Identification of novel genes significantly affecting growth in catfish through GWAS analysis. <i>Molecular Genetics and Genomics</i> , 2018, 293, 587-599.	2.1	53
10	Development of a 690K SNP array in catfish and its application for genetic mapping and validation of the reference genome sequence. <i>Scientific Reports</i> , 2017, 7, 40347.	3.3	50
11	The chemokine superfamily in channel catfish: I. CXC subfamily and their involvement in disease defense and hypoxia responses. <i>Fish and Shellfish Immunology</i> , 2017, 60, 380-390.	3.6	42
12	The chemokine superfamily: II. The 64 CC chemokines in channel catfish and their involvement in disease and hypoxia responses. <i>Developmental and Comparative Immunology</i> , 2017, 73, 97-108.	2.3	36
13	Genome sequence of walking catfish (<i>Clarias batrachus</i>) provides insights into terrestrial adaptation. <i>BMC Genomics</i> , 2018, 19, 952.	2.8	36
14	The CC and CXC chemokine receptors in channel catfish (<i>Ictalurus punctatus</i>) and their involvement in disease and hypoxia responses. <i>Developmental and Comparative Immunology</i> , 2017, 77, 241-251.	2.3	32
15	Chemokine C-C motif ligand 33 is a key regulator of teleost fish barbel development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5018-E5027.	7.1	29
16	JAK and STAT members in channel catfish: Identification, phylogenetic analysis and expression profiling after <i>Edwardsiella ictaluri</i> infection. <i>Developmental and Comparative Immunology</i> , 2018, 81, 334-341.	2.3	27
17	Genome-wide association analysis of intra-specific QTL associated with the resistance for enteric septicemia of catfish. <i>Molecular Genetics and Genomics</i> , 2018, 293, 1365-1378.	2.1	19
18	Sex differences in early transcriptomic responses to oxidative stress in the copepod <i>Tigriopus californicus</i> . <i>BMC Genomics</i> , 2020, 21, 759.	2.8	16

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19	Genomic organization and evolution of olfactory receptors and trace amine-associated receptors in channel catfish, <i>Ictalurus punctatus</i> . <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 644-651.	2.4	15
20	Effects of oxidative stress on sex-specific gene expression in the copepod <i>Tigriopus californicus</i> revealed by single individual RNA-seq. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2019, 31, 100608.	1.0	15
21	Transcriptomic responses to heat stress in gill and liver of endangered <i>Brachymystax lenok tsinlingensis</i> . <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2021, 38, 100791.	1.0	11
22	The NCK and ABI adaptor genes in catfish and their involvement in ESC disease response. <i>Developmental and Comparative Immunology</i> , 2017, 73, 119-123.	2.3	8
23	Mitochondrial interactions alter sex-specific longevity in a species without sex chromosomes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20211813.	2.6	8
24	Development of three multiplex PCR primer sets for ark shell (<i>Scapharca broughtonii</i>) and their validation in parentage assignment. <i>Journal of Ocean University of China</i> , 2016, 15, 311-317.	1.2	6
25	Comparative transcriptome analysis reveals conserved branching morphogenesis related genes involved in chamber formation of catfish swimbladder. <i>Physiological Genomics</i> , 2018, 50, 67-76.	2.3	6
26	Isolation and characterization of 20 microsatellite loci in <i>Neverita didyma</i> (Rafinesque, 1798). <i>Conservation Genetics Resources</i> , 2012, 4, 479-481.	0.8	5
27	Taste receptors and gustatory associated G proteins in channel catfish, <i>Ictalurus punctatus</i> . <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2017, 21, 1-9.	1.0	4
28	De novo assembly and microsatellite marker development of the transcriptome of the endangered <i>Brachymystax lenok tsinlingensis</i> . <i>Genes and Genomics</i> , 2020, 42, 727-734.	1.4	4
29	Food deprivation exposes sex-specific trade-offs between stress tolerance and life span in the copepod <i>Tigriopus californicus</i> . <i>Ecology and Evolution</i> , 2022, 12, e8822.	1.9	4
30	Allelically and Differentially Expressed Genes After Infection of <i>Edwardsiella ictaluri</i> in Channel Catfish as Determined by Bulk Segregant RNA-Seq. <i>Marine Biotechnology</i> , 2022, 24, 174-189.	2.4	2
31	Isolation and characterization of 18 polymorphic microsatellite loci in the surf clam (<i>Mactra</i>) Tj ETQq1 1 0.784314 0.8 / Overlock 10	0.8	1
32	A chromosome-level genome of <i>Brachymystax tsinlingensis</i> provides resources and insights into salmonids evolution. <i>G3: Genes, Genomes, Genetics</i> , 0, , .	1.8	0