Ning Li

List of Publications by Year
in descending order

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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	Allelically and Differentially Expressed Genes After Infection of Edwardsiella ictaluri in Channel Catfish as Determined by Bulk Segregant RNA-Seq. Marine Biotechnology, 2022, 24, 174-189.	2.4	2
2	Food deprivation exposes sexâ€specific tradeâ€offs between stress tolerance and life span in the copepod Tigriopus californicus. Ecology and Evolution, 2022, 12, e8822.	1.9	4
3	Transcriptomic responses to heat stress in gill and liver of endangered Brachymystax lenok tsinlingensis. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2021, 38, 100791.	1.0	11
4	Mitonuclear interactions alter sex-specific longevity in a species without sex chromosomes. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20211813.	2.6	8
5	Sex differences in early transcriptomic responses to oxidative stress in the copepod Tigriopus californicus. BMC Genomics, 2020, 21, 759.	2.8	16
6	De novo assembly and microsatellite marker development of the transcriptome of the endangered Brachymystax lenok tsinlingensis. Genes and Genomics, 2020, 42, 727-734.	1.4	4
7	Effects of oxidative stress on sex-specific gene expression in the copepod Tigriopus californicus revealed by single individual RNA-seq. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2019, 31, 100608.	1.0	15
8	The Y chromosome sequence of the channel catfish suggests novel sex determination mechanisms in teleost fish. BMC Biology, 2019, 17, 6.	3.8	91
9	JAK and STAT members in channel catfish: Identification, phylogenetic analysis and expression profiling after Edwardsiella ictaluri infection. Developmental and Comparative Immunology, 2018, 81, 334-341.	2.3	27
10	Comparative transcriptome analysis reveals conserved branching morphogenesis related genes involved in chamber formation of catfish swimbladder. Physiological Genomics, 2018, 50, 67-76.	2.3	6
11	Identification of novel genes significantly affecting growth in catfish through GWAS analysis. Molecular Genetics and Genomics, 2018, 293, 587-599.	2.1	53
12	Genome sequence of walking catfish (Clarias batrachus) provides insights into terrestrial adaptation. BMC Genomics, 2018, 19, 952.	2.8	36
13	Chemokine C-C motif ligand 33 is a key regulator of teleost fish barbel development. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E5018-E5027.	7.1	29
14	Genome-wide association analysis of intra-specific QTL associated with the resistance for enteric septicemia of catfish. Molecular Genetics and Genomics, 2018, 293, 1365-1378.	2.1	19
15	Development of a 690â€‰K SNP array in catfish and its application for genetic mapping and validation of the reference genome sequence. Scientific Reports, 2017, 7, 40347.	3.3	50
16	Aquaculture genomics, genetics and breeding in the United States: current status, challenges, and priorities for future research. BMC Genomics, 2017, 18, 191.	2.8	155
17	The NCK and ABI adaptor genes in catfish and their involvement in ESC disease response. Developmental and Comparative Immunology, 2017, 73, 119-123.	2.3	8
18	Genome-Wide Association Study Reveals Multiple Novel QTL Associated with Low Oxygen Tolerance in Hybrid Catfish. Marine Biotechnology, 2017, 19, 379-390.	2.4	58

#	Article	IF	Citations
19	The chemokinome superfamily: II. The 64 CC chemokines in channel catfish and their involvement in disease and hypoxia responses. Developmental and Comparative Immunology, 2017, 73, 97-108.	2.3	36
20	The chemokinome superfamily in channel catfish: I. CXC subfamily and their involvement in disease defense and hypoxia responses. Fish and Shellfish Immunology, 2017, 60, 380-390.	3.6	42
21	The CC and CXC chemokine receptors in channel catfish (Ictalurus punctatus) and their involvement in disease and hypoxia responses. Developmental and Comparative Immunology, 2017, 77, 241-251.	2.3	32
22	Genomic organization and evolution of olfactory receptors and trace amine-associated receptors in channel catfish, Ictalurus punctatus. Biochimica Et Biophysica Acta - General Subjects, 2017, 1861, 644-651.	2.4	15
23	Taste receptors and gustatory associated G proteins in channel catfish, Ictalurus punctatus. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2017, 21, 1-9.	1.0	4
24	GWAS analysis of QTL for enteric septicemia of catfish and their involved genes suggest evolutionary conservation of a molecular mechanism of disease resistance. Molecular Genetics and Genomics, 2017, 292, 231-242.	2.1	59
25	Multiple across-strain and within-strain QTLs suggest highly complex genetic architecture for hypoxia tolerance in channel catfish. Molecular Genetics and Genomics, 2017, 292, 63-76.	2.1	61
26	The channel catfish genome sequence provides insights into the evolution of scale formation in teleosts. Nature Communications, 2016, 7, 11757.	12.8	231
27	Development of three multiplex PCR primer sets for ark shell (Scapharca broughtonii) and their validation in parentage assignment. Journal of Ocean University of China, 2016, 15, 311-317.	1.2	6
28	Isolation and characterization of 18 polymorphic microsatellite loci in the surf clam (Mactra) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 T	0.8	1
29	The oyster genome reveals stress adaptation and complexity of shell formation. Nature, 2012, 490, 49-54.	27.8	1,966
30	Isolation and characterization of 20 microsatellite loci in Neverita didyma (RÃ¶ding 1798). Conservation Genetics Resources, 2012, 4, 479-481.	0.8	5
31	Genome-Wide Association Study of Body Weight in Chicken F2 Resource Population. PLoS ONE, 2011, 6, e21872.	2.5	152
32	A chromosome-level genome of Brachymystax tsinlingensis provides resources and insights into salmonids evolution. G3: Genes, Genomes, Genetics, 0, , .	1.8	0