

Zhen Liu

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

640
citations

840119

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713013

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all docs

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docs citations

22
times ranked

805
citing authors

#	ARTICLE	IF	CITATIONS
1	The Toggle Switch Model for Gene Expression Change during the Prenatal-to-Postnatal Transition in Mammals. <i>Molecular Biology and Evolution</i> , 2022, 39, .	3.5	2
2	Integrative Functional Transcriptomic Analyses Implicate Shared Molecular Circuits in Sensorineural Hearing Loss. <i>Frontiers in Cellular Neuroscience</i> , 2022, 16, 857344.	1.8	3
3	Molecular convergence and transgenic evidence suggest a single origin of laryngeal echolocation in bats. <i>IScience</i> , 2022, 25, 104114.	1.9	4
4	Phylogenomic relationships and molecular convergences to subterranean life in rodent family Spalacidae. <i>Zoological Research</i> , 2021, 42, 671-674.	0.9	10
5	A single mutation underlying phenotypic convergence for hypoxia adaptation on the Qinghai-Tibetan Plateau. <i>Cell Research</i> , 2021, 31, 1032-1035.	5.7	11
6	Echolocation in soft-furred tree mice. <i>Science</i> , 2021, 372, .	6.0	28
7	Cochlear hair cells of echolocating bats are immune to intense noise. <i>Journal of Genetics and Genomics</i> , 2021, 48, 984-993.	1.7	3
8	First Draft Genome of the Sable, <i>Martes zibellina</i> . <i>Genome Biology and Evolution</i> , 2020, 12, 59-65.	1.1	5
9	Synchronization of stochastic expressions drives the clustering of functionally related genes. <i>Science Advances</i> , 2019, 5, eaax6525.	4.7	18
10	Human C-to-U Coding RNA Editing Is Largely Nonadaptive. <i>Molecular Biology and Evolution</i> , 2018, 35, 963-969.	3.5	56
11	Most m6A RNA Modifications in Protein-Coding Regions Are Evolutionarily Unconserved and Likely Nonfunctional. <i>Molecular Biology and Evolution</i> , 2018, 35, 666-675.	3.5	43
12	Genomic and functional evidence reveals molecular insights into the origin of echolocation in whales. <i>Science Advances</i> , 2018, 4, eaat8821.	4.7	22
13	Lipidome determinants of maximal lifespan in mammals. <i>Scientific Reports</i> , 2017, 7, 5.	1.6	60
14	Functional Effects of a Retained Ancestral Polymorphism in <i>Prestin</i> . <i>Molecular Biology and Evolution</i> , 2017, 34, 88-92.	3.5	10
15	Systematic analyses reveal uniqueness and origin of the CFEM domain in fungi. <i>Scientific Reports</i> , 2015, 5, 13032.	1.6	46
16	Codon 104 of p53 is not an adaptively selected site for extreme environments in mammals of the Tibet plateau. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E2357-E2357.	3.3	2
17	Parallel Sites Implicate Functional Convergence of the Hearing Gene <i>Prestin</i> among Echolocating Mammals. <i>Molecular Biology and Evolution</i> , 2014, 31, 2415-2424.	3.5	77
18	Hearing Aid for Vertebrates via Multiple Episodic Adaptive Events on <i>Prestin</i> Genes. <i>Molecular Biology and Evolution</i> , 2012, 29, 2187-2198.	3.5	22

#	ARTICLE	IF	CITATIONS
19	Parallel Evolution of KCNQ4 in Echolocating Bats. PLoS ONE, 2011, 6, e26618.	1.1	39
20	The hearing gene Prestin unites echolocating bats and whales. Current Biology, 2010, 20, R55-R56.	1.8	178