

Yang Liu Mm

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,496
citations

687220

13
h-index

526166

27
g-index

27
all docs

27
docs citations

27
times ranked

2860
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative genomics reveals insights into avian genome evolution and adaptation. <i>Science</i> , 2014, 346, 1311-1320.	6.0	895
2	Convergent sequence evolution between echolocating bats and dolphins. <i>Current Biology</i> , 2010, 20, R53-R54.	1.8	202
3	Cetaceans on a Molecular Fast Track to Ultrasonic Hearing. <i>Current Biology</i> , 2010, 20, 1834-1839.	1.8	56
4	The Voltage-Gated Potassium Channel Subfamily KQT Member 4 (KCNQ4) Displays Parallel Evolution in Echolocating Bats. <i>Molecular Biology and Evolution</i> , 2012, 29, 1441-1450.	3.5	52
5	Epistatic Adaptive Evolution of Human Color Vision. <i>PLoS Genetics</i> , 2014, 10, e1004884.	1.5	39
6	Multiple bursts of pancreatic ribonuclease gene duplication in insect-eating bats. <i>Gene</i> , 2013, 526, 112-117.	1.0	27
7	Comparative inner ear transcriptome analysis between the Rickettsia big-footed bats (<i>Myotis ricketti</i>) and the greater short-nosed fruit bats (<i>Cynopterus sphinx</i>). <i>BMC Genomics</i> , 2013, 14, 916.	1.2	25
8	Multiple Adaptive Losses of Alanine-Glyoxylate Aminotransferase Mitochondrial Targeting in Fruit-Eating Bats. <i>Molecular Biology and Evolution</i> , 2012, 29, 1507-1511.	3.5	23
9	Adaptation of Phenylalanine and Tyrosine Catabolic Pathway to Hibernation in Bats. <i>PLoS ONE</i> , 2013, 8, e62039.	1.1	23
10	Prestin and high frequency hearing in mammals. <i>Communicative and Integrative Biology</i> , 2011, 4, 236-239.	0.6	22
11	Molecular Data Support an Early Shift to an Intermediate-Light Niche in the Evolution of Mammals. <i>Molecular Biology and Evolution</i> , 2018, 35, 1130-1134.	3.5	15
12	A simple method for studying the molecular mechanisms of ultraviolet and violet reception in vertebrates. <i>BMC Evolutionary Biology</i> , 2016, 16, 64.	3.2	14
13	Prestin Shows Divergent Evolution Between Constant Frequency Echolocating Bats. <i>Journal of Molecular Evolution</i> , 2011, 73, 109-115.	0.8	13
14	Adaptive evolutionary paths from UV reception to sensing violet light by epistatic interactions. <i>Science Advances</i> , 2015, 1, e1500162.	4.7	12
15	Retention and losses of ultraviolet-sensitive visual pigments in bats. <i>Scientific Reports</i> , 2018, 8, 11933.	1.6	10
16	Scotopic rod vision in tetrapods arose from multiple early adaptive shifts in the rate of retinal release. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 12627-12628.	3.3	10
17	Convergent spectral shifts to blue-green vision in mammals extends the known sensitivity of vertebrate M/LWS pigments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 8303-8305.	3.3	9
18	Adaptive Functional Diversification of Lysozyme in Insectivorous Bats. <i>Molecular Biology and Evolution</i> , 2014, 31, 2829-2835.	3.5	8

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19	Transcriptome analysis reveals enrichment of genes associated with auditory system in swimbladder of channel catfish. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2018, 27, 30-39.	0.4	8
20	Convergent Phenotypic Evolution of Rhodopsin for Dim-Light Sensing across Deep-Diving Vertebrates. <i>Molecular Biology and Evolution</i> , 2021, 38, 5726-5734.	3.5	8
21	Adaptive evolution of tight junction protein claudin-14 in echolocating whales. <i>Gene</i> , 2013, 530, 208-214.	1.0	6
22	Adaptive Evolution of C-Type Lysozyme in Vampire Bats. <i>Journal of Molecular Evolution</i> , 2019, 87, 309-316.	0.8	6
23	Extraordinarily low evolutionary rates of short wavelength-sensitive opsin pseudogenes. <i>Gene</i> , 2014, 534, 93-99.	1.0	4
24	Development of 19 polymorphic microsatellite loci for the intermediate horseshoe bat, <i>Rhinolophus affinis</i> (Rhinolophidae, Chiroptera). <i>Conservation Genetics</i> , 2009, 10, 709-711.	0.8	3
25	Micro-Computed Tomography Analysis of Femoral Head Necrosis After Long-Term Internal Fixation for Femoral Neck Fracture. <i>Orthopaedic Surgery</i> , 2022, 14, 1186-1192.	0.7	3
26	Parallel Independent Losses of G-Type Lysozyme Genes in Hairless Aquatic Mammals. <i>Genome Biology and Evolution</i> , 2021, 13, .	1.1	2
27	Molecular Cloning and Evolutionary Analysis of Hemoglobin β -Chain Genes in Bats. <i>Biochemical Genetics</i> , 2009, 47, 257-265.	0.8	1