Yang Liu Mm

List of Publications by Year
in descending order

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	Microâ€Computed Tomography Analysis of Femoral Head Necrosis After Longâ€Term Internal Fixation for Femoral Neck Fracture. Orthopaedic Surgery, 2022, 14, 1186-1192.	0.7	3
2	Parallel Independent Losses of G-Type Lysozyme Genes in Hairless Aquatic Mammals. Genome Biology and Evolution, 2021, 13, .	1.1	2
3	Convergent Phenotypic Evolution of Rhodopsin for Dim-Light Sensing across Deep-Diving Vertebrates. Molecular Biology and Evolution, 2021, 38, 5726-5734.	3.5	8
4	Convergent spectral shifts to blue-green vision in mammals extends the known sensitivity of vertebrate M/LWS pigments. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 8303-8305.	3.3	9
5	Adaptive Evolution of C-Type Lysozyme in Vampire Bats. Journal of Molecular Evolution, 2019, 87, 309-316.	0.8	6
6	Scotopic rod vision in tetrapods arose from multiple early adaptive shifts in the rate of retinal release. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 12627-12628.	3.3	10
7	Molecular Data Support an Early Shift to an Intermediate-Light Niche in the Evolution of Mammals. Molecular Biology and Evolution, 2018, 35, 1130-1134.	3.5	15
8	Transcriptome analysis reveals enrichment of genes associated with auditory system in swimbladder of channel catfish. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2018, 27, 30-39.	0.4	8
9	Retention and losses of ultraviolet-sensitive visual pigments in bats. Scientific Reports, 2018, 8, 11933.	1.6	10
10	A simple method for studying the molecular mechanisms of ultraviolet and violet reception in vertebrates. BMC Evolutionary Biology, 2016, 16, 64.	3.2	14
11	Adaptive evolutionary paths from UV reception to sensing violet light by epistatic interactions. Science Advances, 2015, 1, e1500162.	4.7	12
12	Epistatic Adaptive Evolution of Human Color Vision. PLoS Genetics, 2014, 10, e1004884.	1.5	39
13	Adaptive Functional Diversification of Lysozyme in Insectivorous Bats. Molecular Biology and Evolution, 2014, 31, 2829-2835.	3.5	8
14	Comparative genomics reveals insights into avian genome evolution and adaptation. Science, 2014, 346, 1311-1320.	6.0	895
15	Extraordinarily low evolutionary rates of short wavelength-sensitive opsin pseudogenes. Gene, 2014, 534, 93-99.	1.0	4
16	Comparative inner ear transcriptome analysis between the Rickettâ€™s big-footed bats (Myotis ricketti) and the greater short-nosed fruit bats (Cynopterus sphinx). BMC Genomics, 2013, 14, 916.	1.2	25
17	Multiple bursts of pancreatic ribonuclease gene duplication in insect-eating bats. Gene, 2013, 526, 112-117.	1.0	27
18	Adaptive evolution of tight junction protein claudin-14 in echolocating whales. Gene, 2013, 530, 208-214.	1.0	6

#	Article	IF	Citations
19	Adaptation of Phenylalanine and Tyrosine Catabolic Pathway to Hibernation in Bats. PLoS ONE, 2013, 8, e62039.	1.1	23
20	The Voltage-Gated Potassium Channel Subfamily KQT Member 4 (KCNQ4) Displays Parallel Evolution in Echolocating Bats. Molecular Biology and Evolution, 2012, 29, 1441-1450.	3.5	52
21	Multiple Adaptive Losses of Alanine-Glyoxylate Aminotransferase Mitochondrial Targeting in Fruit-Eating Bats. Molecular Biology and Evolution, 2012, 29, 1507-1511.	3.5	23
22	Prestin Shows Divergent Evolution Between Constant Frequency Echolocating Bats. Journal of Molecular Evolution, 2011, 73, 109-115.	0.8	13
23	Prestin and high frequency hearing in mammals. Communicative and Integrative Biology, 2011, 4, 236-239.	0.6	22
24	Convergent sequence evolution between echolocating bats and dolphins. Current Biology, 2010, 20, R53-R54.	1.8	202
25	Cetaceans on a Molecular Fast Track to Ultrasonic Hearing. Current Biology, 2010, 20, 1834-1839.	1.8	56
26	Molecular Cloning and Evolutionary Analysis of Hemoglobin Î±-Chain Genes in Bats. Biochemical Genetics, 2009, 47, 257-265.	0.8	1
27	Development of 19 polymorphic microsatellite loci for the intermediate horseshoe bat, Rhinolophus affinis (Rhinolophidae, Chiroptera). Conservation Genetics, 2009, 10, 709-711.	0.8	3