

Kai He

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

1,127
citations

471509

17
h-index

454955

30
g-index

58
all docs

58
docs citations

58
times ranked

1483
citing authors

#	ARTICLE	IF	CITATIONS
1	Shrew's venom quickly causes circulation disorder, analgesia and hypokinesia. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 35.	5.4	5
2	GPR15â€C10ORF99 functional pairing initiates colonic Treg homing in amniotes. <i>EMBO Reports</i> , 2022, 23, e53246.	4.5	4
3	The role of serum amyloid A1 in the adipogenic differentiation of human adipose-derived stem cells basing on single-cell RNA sequencing analysis. <i>Stem Cell Research and Therapy</i> , 2022, 13, 187.	5.5	2
4	Disassociation of social and sexual partner relationships in a gibbon population with stable oneâ€Cmale twoâ€Cfemale groups. <i>American Journal of Primatology</i> , 2022, 84, .	1.7	2
5	Myoglobin primary structure reveals multiple convergent transitions to semi-aquatic life in the world's smallest mammalian divers. <i>ELife</i> , 2021, 10, .	6.0	8
6	Echolocation in soft-furred tree mice. <i>Science</i> , 2021, 372, .	12.6	28
7	Durable tracking anti-SARS-CoV-2 antibodies in cancer patients recovered from COVID-19. <i>Scientific Reports</i> , 2021, 11, 17381.	3.3	0
8	Mitogenome and phylogenetic analyses support rapid diversification among species groups of small-eared shrews genus <i>Cryptotis</i> (Mammalia: Eulipotyphla: Soricidae). <i>Zoological Research</i> , 2021, 42, 739-745.	2.1	5
9	Single-Cell Transcriptomic Sequencing Analyses of Cell Heterogeneity During Osteogenesis of Human Adipose-Derived Mesenchymal Stem Cells. <i>Stem Cells</i> , 2021, 39, 1478-1488.	3.2	8
10	Cryptic phylogeographic history sheds light on the generation of species diversity in skyâ€Cisland mountains. <i>Journal of Biogeography</i> , 2019, 46, 2232-2247.	3.0	31
11	Morphometric analysis of fossil hylobatid molars from the Pleistocene of southern China. <i>Anthropological Science</i> , 2019, 127, 109-121.	0.4	10
12	Systematics and macroevolution of extant and fossil scalopine moles (Mammalia, Talpidae). <i>Palaeontology</i> , 2019, 62, 661.	2.2	5
13	Molecular phylogeny and taxonomy of subgenus <i>Eothenomys</i> (Cricetidae: Arvicolinae: <i>Eothenomys</i>) with the description of four new species from Sichuan, China. <i>Zoological Journal of the Linnean Society</i> , 2019, 186, 569-598.	2.3	9
14	Altered hemoglobin co-factor sensitivity does not underlie the evolution of derived fossorial specializations in the family Talpidae. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2018, 224, 150-155.	1.6	2
15	Capture Hybridization of Long-Range DNA Fragments for High-Throughput Sequencing. <i>Methods in Molecular Biology</i> , 2018, 1754, 29-44.	0.9	2
16	Mitochondrial DNA analyses and ecological niche modeling reveal postâ€CLGM expansion of the Assam macaque (<i>Macaca assamensis</i>) in the foothills of Nepal Himalaya. <i>American Journal of Primatology</i> , 2018, 80, e22748.	1.7	13
17	A comprehensive phylogeny of the genus <i>Kurixalus</i> (Rhacophoridae, Anura) sheds light on the geographical range evolution of frilled swamp treefrogs. <i>Molecular Phylogenetics and Evolution</i> , 2018, 121, 224-232.	2.7	18
18	Dispersal and female philopatry in a longâ€Cterm, stable, polygynous gibbon population: Evidence from 16 years field observation and genetics. <i>American Journal of Primatology</i> , 2018, 80, e22922.	1.7	25

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19	Climate niche conservatism and complex topography illuminate the cryptic diversification of Asian shrew-like moles. <i>Journal of Biogeography</i> , 2018, 45, 2400-2414.	3.0	21
20	Taxonomy based on science is necessary for global conservation. <i>PLoS Biology</i> , 2018, 16, e2005075.	5.6	149
21	æž—çCE—â±žŒ¼^Mesechinusi¼%â†ç±»ç³»ç»ŸâžŒâ®šâššä,œ—°çš. <i>Zoological Research</i> , 2018, 39, 335-347.	2.1	6
22	ä,â¼½â“°â¼ššç%©é¼©é¼±çšä,œ—°â±žŒ¼šè±¼©â±ž. <i>Zoological Research</i> , 2018, 39, 321-334.	2.1	7
23	ä,â¼½âšŒ¼â±žâ'CEâ®Œ¼â±žç%©çšâšæ·æš. <i>Zoological Research</i> , 2018, 39, 309-320.	2.1	7
24	âŸ°âžæžâ'CEPCRæ—1æ³·â¼â,â¼½â°â·Ÿé©â...»é»â†é·žè†,çCEžâ±žŒ¼^Nomascusi¼%çš,,ç%©çšé%â®š. <i>Zoological Research</i> , 2018,		
25	Description of a new species of <i>Hoolock</i> gibbon (Primates: Hylobatidae) based on integrative taxonomy. <i>American Journal of Primatology</i> , 2017, 79, e22631.	1.7	80
26	Integrative systematic analyses of the genus <i>Chodsigoa</i> (Mammalia: Eulipotyphla: Soricidae), with descriptions of new species. <i>Zoological Journal of the Linnean Society</i> , 2017, 180, 694-713.	2.3	17
27	Phylogeny and systematic revision of the genus <i>Typhlomys</i> (Rodentia, Platacanthomyidae), with description of a new species. <i>Journal of Mammalogy</i> , 2017, 98, 731-743.	1.3	16
28	Patterns and underlying mechanisms of non-volant small mammal richness along two contrasting mountain slopes in southwestern China. <i>Scientific Reports</i> , 2017, 7, 13277.	3.3	17
29	Talpid Mole Phylogeny Unites Shrew Moles and Illuminates Overlooked Cryptic Species Diversity. <i>Molecular Biology and Evolution</i> , 2017, 34, 78-87.	8.9	36
30	Multilocus approaches reveal underestimated species diversity and inter-specific gene flow in pikas (<i>Ochotona</i>) from southwestern China. <i>Molecular Phylogenetics and Evolution</i> , 2017, 107, 239-245.	2.7	32
31	Multi-locus phylogeny using topotype specimens sheds light on the systematics of <i>Niviventer</i> (Rodentia, Muridae) in China. <i>BMC Evolutionary Biology</i> , 2016, 16, 261.	3.2	11
32	DNA barcoding reveals commercial fraud related to yak jerky sold in China. <i>Science China Life Sciences</i> , 2016, 59, 106-108.	4.9	8
33	Interglacial refugia preserved high genetic diversity of the Chinese mole shrew in the mountains of southwest China. <i>Heredity</i> , 2016, 116, 23-32.	2.6	37
34	Multidirectional chromosome painting substantiates the occurrence of extensive genomic reshuffling within <i>Accipitriformes</i> . <i>BMC Evolutionary Biology</i> , 2015, 15, 205.	3.2	19
35	Molecular phylogenetics and phylogeographic structure of <i>Sorex bedfordiae</i> based on mitochondrial and nuclear DNA sequences. <i>Molecular Phylogenetics and Evolution</i> , 2015, 84, 245-253.	2.7	21
36	Mitochondrial phylogeny reveals cryptic genetic diversity in the genus <i>Niviventer</i> (Rodentia), <i>Tj ETQq0 0 0 rgBT /Overlook 10 Tf 50</i>	0.6	13

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37	Molecular Phylogeny Supports Repeated Adaptation to Burrowing within Small-Eared Shrews Genus of <i>Cryptotis</i> (Eulipotyphla, Soricidae). <i>PLoS ONE</i> , 2015, 10, e0140280.	2.5	16
38	Repeated functional convergent effects of Na ^V 1.7 on acid insensitivity in hibernating mammals. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20132950.	2.6	24
39	Isolation and characterization of thirteen microsatellite loci for the western black crested gibbon (<i>Nomascus concolor</i>) by high-throughput sequencing. <i>Conservation Genetics Resources</i> , 2014, 6, 179-181.	0.8	2
40	Sky islands of southwest China. I: an overview of phylogeographic patterns. <i>Science Bulletin</i> , 2014, 59, 585-597.	1.7	107
41	Multilocus phylogeny of talpine moles (Talpini, Talpidae, Eulipotyphla) and its implications for systematics. <i>Molecular Phylogenetics and Evolution</i> , 2014, 70, 513-521.	2.7	33
42	Comparisons in finite element analysis of minimally invasive, locking, and non-locking plates systems used in treating calcaneal fractures of Sanders type II and type III. <i>Chinese Medical Journal</i> , 2014, 127, 3894-901.	2.3	3
43	Multilocus phylogeny and cryptic diversity in Asian shrew-like moles (<i>Uropsilus</i> , Talpidae): implications for taxonomy and conservation. <i>BMC Evolutionary Biology</i> , 2013, 13, 232.	3.2	28
44	Molecular Phylogeny and Biogeography of <i>Petaurista</i> Inferred from the Cytochrome b Gene, with Implications for the Taxonomic Status of <i>P. caniceps</i> , <i>P. marica</i> and <i>P. sybilla</i> . <i>PLoS ONE</i> , 2013, 8, e70461.	2.5	13
45	A Mitochondrial Phylogeny and Biogeographical Scenario for Asiatic Water Shrews of the Genus <i>Chimarrogale</i> : Implications for Taxonomy and Low-Latitude Migration Routes. <i>PLoS ONE</i> , 2013, 8, e77156.	2.5	17
46	Molecular phylogeny and divergence time of <i>Trachypithecus</i> : with implications for the taxonomy of <i>T. phayrei</i> . <i>Zoological Research</i> , 2013, 33, 104-110.	0.6	7
47	Phylogeographic Study of <i>Apodemus ilex</i> (Rodentia: Muridae) in Southwest China. <i>PLoS ONE</i> , 2012, 7, e31453.	2.5	39
48	Karyotype of the Gansu Mole (<i>Scapanulus oweni</i>): Further Evidence for Karyotypic Stability in Talpid. <i>Mammal Study</i> , 2012, 37, 341-348.	0.6	7
49	Biogeographical Study of Plateau Pikas <i>Ochotona curzoniae</i> (Lagomorpha, Ochotonidae). <i>Zoological Science</i> , 2012, 29, 518-526.	0.7	15
50	An Estimation of Erinaceidae Phylogeny: A Combined Analysis Approach. <i>PLoS ONE</i> , 2012, 7, e39304.	2.5	44
51	Molecular phylogeny of Asiatic Short-Tailed Shrews, genus <i>Blarinella</i> Thomas, 1911 (Mammalia): Tj ETQq1 1 0.784314 rgBT /Oerlock 10	0.5	18
52	A multi-locus phylogeny of Nectogalini shrews and influences of the paleoclimate on speciation and evolution. <i>Molecular Phylogenetics and Evolution</i> , 2010, 56, 734-746.	2.7	69