Kai He

List of Publications by Year
in descending order

52	1,127	471509 17	454955 30
papers	citations	h-index	g-index

58	58	58	1483
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Taxonomy based on science is necessary for global conservation. PLoS Biology, 2018, 16, e2005075.	5.6	149
2	Sky islands of southwest China. I: an overview of phylogeographic patterns. Science Bulletin, 2014, 59, 585-597.	1.7	107
3	Description of a new species of Hoolock gibbon (Primates: Hylobatidae) based on integrative taxonomy. American Journal of Primatology, 2017, 79, e22631.	1.7	80
4	A multi-locus phylogeny of Nectogalini shrews and influences of the paleoclimate on speciation and evolution. Molecular Phylogenetics and Evolution, 2010, 56, 734-746.	2.7	69
5	An Estimation of Erinaceidae Phylogeny: A Combined Analysis Approach. PLoS ONE, 2012, 7, e39304.	2.5	44
6	Phylogeographic Study of Apodemus ilex (Rodentia: Muridae) in Southwest China. PLoS ONE, 2012, 7, e31453.	2.5	39
7	Interglacial refugia preserved high genetic diversity of the Chinese mole shrew in the mountains of southwest China. Heredity, 2016, 116, 23-32.	2.6	37
8	Talpid Mole Phylogeny Unites Shrew Moles and Illuminates Overlooked Cryptic Species Diversity. Molecular Biology and Evolution, 2017, 34, 78-87.	8.9	36
9	Multilocus phylogeny of talpine moles (Talpini, Talpidae, Eulipotyphla) and its implications for systematics. Molecular Phylogenetics and Evolution, 2014, 70, 513-521.	2.7	33
10	Multilocus approaches reveal underestimated species diversity and inter-specific gene flow in pikas (Ochotona) from southwestern China. Molecular Phylogenetics and Evolution, 2017, 107, 239-245.	2.7	32
11	Cryptic phylogeographic history sheds light on the generation of species diversity in skyâ€island mountains. Journal of Biogeography, 2019, 46, 2232-2247.	3.0	31
12	Multilocus phylogeny and cryptic diversity in Asian shrew-like moles (Uropsilus, Talpidae): implications for taxonomy and conservation. BMC Evolutionary Biology, 2013, 13, 232.	3.2	28
13	Echolocation in soft-furred tree mice. Science, 2021, 372, .	12.6	28
14	Dispersal and female philopatry in a longâ€term, stable, polygynous gibbon population: Evidence from 16 years field observation and genetics. American Journal of Primatology, 2018, 80, e22922.	1.7	25
15	Repeated functional convergent effects of Na _V 1.7 on acid insensitivity in hibernating mammals. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20132950.	2.6	24
16	Molecular phylogenetics and phylogeographic structure of Sorex bedfordiae based on mitochondrial and nuclear DNA sequences. Molecular Phylogenetics and Evolution, 2015, 84, 245-253.	2.7	21
17	Climate niche conservatism and complex topography illuminate the cryptic diversification of Asian shrewâ€like moles. Journal of Biogeography, 2018, 45, 2400-2414.	3.0	21
18	Multidirectional chromosome painting substantiates the occurrence of extensive genomic reshuffling within Accipitriformes. BMC Evolutionary Biology, 2015, 15, 205.	3.2	19

#	Article	IF	Citations
19	Molecular phylogeny of Asiatic Short-Tailed Shrews, genus Blarinella Thomas, 1911 (Mammalia:) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.5	18
20	A comprehensive phylogeny of the genus Kurixalus (Rhacophoridae, Anura) sheds light on the geographical range evolution of frilled swamp treefrogs. Molecular Phylogenetics and Evolution, 2018, 121, 224-232.	2.7	18
21	Integrative systematic analyses of the genus Chodsigoa (Mammalia: Eulipotyphla: Soricidae), with descriptions of new species. Zoological Journal of the Linnean Society, 2017, 180, 694-713.	2.3	17
22	Patterns and underlying mechanisms of non-volant small mammal richness along two contrasting mountain slopes in southwestern China. Scientific Reports, 2017, 7, 13277.	3.3	17
23	A Mitochondrial Phylogeny and Biogeographical Scenario for Asiatic Water Shrews of the Genus Chimarrogale: Implications for Taxonomy and Low-Latitude Migration Routes. PLoS ONE, 2013, 8, e77156.	2.5	17
24	Phylogeny and systematic revision of the genus Typhlomys (Rodentia, Platacanthomyidae), with description of a new species. Journal of Mammalogy, 2017, 98, 731-743.	1.3	16
25	Molecular Phylogeny Supports Repeated Adaptation to Burrowing within Small-Eared Shrews Genus of Cryptotis (Eulipotyphla, Soricidae). PLoS ONE, 2015, 10, e0140280.	2.5	16
26	Biogeographical Study of Plateau PikasOchotona curzoniae(Lagomorpha, Ochotonidae). Zoological Science, 2012, 29, 518-526.	0.7	15
27	Molecular Phylogeny and Biogeography of Petaurista Inferred from the Cytochrome b Gene, with Implications for the Taxonomic Status of P. caniceps, P. marica and P. sybilla. PLoS ONE, 2013, 8, e70461.	2.5	13
28	Mitochondrial phylogeny reveals cryptic genetic diversity in the genusNiviventer(Rodentia,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.6	13
29	Mitochondrial DNA analyses and ecological niche modeling reveal postâ€LGM expansion of the Assam macaque (Macaca assamensis) in the foothills of Nepal Himalaya. American Journal of Primatology, 2018, 80, e22748.	1.7	13
30	Multi-locus phylogeny using topotype specimens sheds light on the systematics of Niviventer (Rodentia, Muridae) in China. BMC Evolutionary Biology, 2016, 16, 261.	3.2	11
31	Morphometric analysis of fossil hylobatid molars from the Pleistocene of southern China. Anthropological Science, 2019, 127, 109-121.	0.4	10
32	Molecular phylogeny and taxonomy of subgenus Eothenomys (Cricetidae: Arvicolinae: Eothenomys) with the description of four new species from Sichuan, China. Zoological Journal of the Linnean Society, 2019, 186, 569-598.	2.3	9
33	DNA barcoding reveals commercial fraud related to yak jerky sold in China. Science China Life Sciences, 2016, 59, 106-108.	4.9	8
34	Myoglobin primary structure reveals multiple convergent transitions to semi-aquatic life in the world's smallest mammalian divers. ELife, 2021, 10, .	6.0	8
35	Single-Cell Transcriptomic Sequencing Analyses of Cell Heterogeneity During Osteogenesis of Human Adipose-Derived Mesenchymal Stem Cells. Stem Cells, 2021, 39, 1478-1488.	3.2	8
36	Karyotype of the Gansu Mole (Scapanulus oweni): Further Evidence for Karyotypic Stability in Talpid. Mammal Study, 2012, 37, 341-348.	0.6	7

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37	Molecular phylogeny and divergence time of <I>Trachypithecus</I>: with implications for the taxonomy of <I>T. phayrei</I>. Zoological Research, 2013, 33, 104-110.	0.6	7
38	ä¸å›½å“ºä¹³åŠ¨ç‰©é¼©é¼±çŸä¸€æ–°å±žï¼šè±¹é¼©å±ž. Zoological Research, 2018, 39, 321-334.	2.1	7
39	ä¸å›½å§¬é¼å±žå'Œå®¶é¼å±žç‰©ç§åšæ·æ€§. Zoological Research, 2018, 39, 309-320.	2.1	7
40	æž—çŒ¬å±žï¼ˆMesechinusï¼‰åˆ†ç±»ç³»çŸ³å®šåŠä¸€æ–°ç§• Zoological Research, 2018, 39, 335-347.	2.1	6
41	Systematics and macroevolution of extant and fossil scalopine moles (Mammalia, Talpidae). Palaeontology, 2019, 62, 661.	2.2	5
42	Mitogenome and phylogenetic analyses support rapid diversification among species groups of small-eared shrews genus <i>Cryptotis</i> (Mammalia: Eulipotyphla: Soricidae). Zoological Research, 2021, 42, 739-745.	2.1	5
43	Shrew's venom quickly causes circulation disorder, analgesia and hypokinesia. Cellular and Molecular Life Sciences, 2022, 79, 35.	5.4	5
44	GPR15â€“C10ORF99 functional pairing initiates colonic Treg homing in amniotes. EMBO Reports, 2022, 23, e53246.	4.5	4
45	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. Chinese Medical Journal, 2014, 127, 3894-901.	2.3	3
46	Isolation and characterization of thirteen microsatellite loci for the western black crested gibbon (Nomascus concolor) by high-throughput sequencing. Conservation Genetics Resources, 2014, 6, 179-181.	0.8	2
47	Altered hemoglobin co-factor sensitivity does not underlie the evolution of derived fossorial specializations in the family Talpidae. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2018, 224, 150-155.	1.6	2
48	Capture Hybridization of Long-Range DNA Fragments for High-Throughput Sequencing. Methods in Molecular Biology, 2018, 1754, 29-44.	0.9	2
49	The role of serum amyloid A1 in the adipogenic differentiation of human adipose-derived stem cells basing on single-cell RNA sequencing analysis. Stem Cell Research and Therapy, 2022, 13, 187.	5.5	2
50	Disassociation of social and sexual partner relationships in a gibbon population with stable oneâ€male twoâ€female groups. American Journal of Primatology, 2022, 84, .	1.7	2
51	åŸºäºŽæ¸åž‹å'ŒPCRæ–¹æ³•å¯¹ä¸½å›½äº§å·¥é©¯å…»é»'å†é•¿è‡‚çŒ¬å±žï¼ˆNomascusï¼‰çš„ç§é©¯å®š. Zoological Research, 2018,		
52	Durable tracking anti-SARS-CoV-2 antibodies in cancer patients recovered from COVID-19. Scientific Reports, 2021, 11, 17381.	3.3	0