Yibo Hu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8812925/publications.pdf

Version: 2024-02-01

68 papers	3,206 citations	159585 30 h-index	161849 54 g-index
68 all docs	68 docs citations	68 times ranked	2515 citing authors

#	Article	IF	Citations
1	Red panda ecology. , 2022, , 329-351.		2
2	Red panda genomics and the evidence for two species. , 2022, , 413-420.		0
3	Red pandas in the wild in China. , 2022, , 393-411.		0
4	Seasonal shift of the gut microbiome synchronizes host peripheral circadian rhythm for physiological adaptation to a low-fat diet in the giant panda. Cell Reports, 2022, 38, 110203.	6.4	49
5	Fuwen Weiâ€"Recipient of the 2021 Molecular Ecology Prize. Molecular Ecology, 2022, 31, 31-36.	3.9	0
6	Evolutionary Conservation Genomics Reveals Recent Speciation and Local Adaptation in Threatened Takins. Molecular Biology and Evolution, 2022, 39, .	8.9	7
7	Diet drives convergent evolution of gut microbiomes in bamboo-eating species. Science China Life Sciences, 2021, 64, 88-95.	4.9	43
8	Genomic Signatures of Coevolution between Nonmodel Mammals and Parasitic Roundworms. Molecular Biology and Evolution, 2021, 38, 531-544.	8.9	10
9	A whole-genome association approach for large-scale interspecies traits. Science China Life Sciences, 2021, 64, 1372-1374.	4.9	1
10	The global significance of biodiversity science in China: an overview. National Science Review, 2021, 8, nwab032.	9.5	68
11	Wildlife conservation and management in China: achievements, challenges and perspectives. National Science Review, 2021, 8, nwab042.	9.5	26
12	Multi-omics reveals the positive leverage of plant secondary metabolites on the gut microbiota in a non-model mammal. Microbiome, 2021, 9, 192.	11.1	19
13	Spatial patterns and conservation of genetic and phylogenetic diversity of wildlife in China. Science Advances, 2021, 7, .	10.3	47
14	Molecular mechanisms and topological consequences of drastic chromosomal rearrangements of muntjac deer. Nature Communications, 2021, 12, 6858.	12.8	23
15	Ailuropoda melanoleuca (Giant Panda). Trends in Genetics, 2020, 36, 68-69.	6.7	19
16	The endangered red panda in Himalayas: Potential distribution and ecological habitat associates. Global Ecology and Conservation, 2020, 21, e00890.	2.1	16
17	TAS2R20 variants confer dietary adaptation to highâ€quercitrin bamboo leaves in Qinling giant pandas. Ecology and Evolution, 2020, 10, 5913-5921.	1.9	6
18	Ailurus fulgens (Himalayan Red Panda) and Ailurus styani (Chinese Red Panda). Trends in Genetics, 2020, 36, 624-625.	6.7	9

#	Article	IF	Citations
19	Genomic evidence for two phylogenetic species and long-term population bottlenecks in red pandas. Science Advances, 2020, 6, eaax5751.	10.3	86
20	Synteny search identifies carnivore Y chromosome for evolution of male specific genes. Integrative Zoology, 2019, 14, 224-234.	2.6	4
21	Diet Evolution and Habitat Contraction of Giant Pandas via Stable Isotope Analysis. Current Biology, 2019, 29, 664-669.e2.	3.9	71
22	Seasonal and reproductive variation in chemical constituents of scent signals in wild giant pandas. Science China Life Sciences, 2019, 62, 648-660.	4.9	55
23	Giant Pandas Are Macronutritional Carnivores. Current Biology, 2019, 29, 1677-1682.e2.	3.9	58
24	Pseudogenization of Mc1r gene associated with transcriptional changes related to melanogenesis explains leucistic phenotypes in Oreonectes cavefish (Cypriniformes,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 537 T	1.4	6
25	Chromosome-level genome assembly for giant panda provides novel insights into Carnivora chromosome evolution. Genome Biology, 2019, 20, 267.	8.8	31
26	Conservation metagenomics: a new branch of conservation biology. Science China Life Sciences, 2019, 62, 168-178.	4.9	61
27	Conservation evolutionary biology: A new branch of conservation biology. Scientia Sinica Vitae, 2019, 49, 498-508.	0.3	5
28	The endangered red panda (Ailurus fulgens): Ecology and conservation approaches across the entire range. Biological Conservation, 2018, 220, 112-121.	4.1	30
29	Patterns and effects of GC3 heterogeneity and parsimony informative sites on the phylogenetic tree of genes. Gene, 2018, 655, 56-60.	2.2	3
30	Reintroduction of the giant panda into the wild: A good start suggests a bright future. Biological Conservation, 2018, 217, 181-186.	4.1	76
31	Conservation genetics and genomics of threatened vertebrates in China. Journal of Genetics and Genomics, 2018, 45, 593-601.	3.9	9
32	Predicting the potential distribution of the endangered red panda across its entire range using MaxEnt modeling. Ecology and Evolution, 2018, 8, 10542-10554.	1.9	92
33	The Value of Ecosystem Services from Giant Panda Reserves. Current Biology, 2018, 28, 2174-2180.e7.	3.9	112
34	Transcriptomic analysis of skin pigmentation variation in the Virginia opossum (Didelphis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 T	3.9	15
35	No evidence for <scp>MHC</scp>â€based mate choice in wild giant pandas. Ecology and Evolution, 2018, 8, 8642-8651.	1.9	8
36	Walking in a heterogeneous landscape: Dispersal, gene flow and conservation implications for the giant panda in the Qinling Mountains. Evolutionary Applications, 2018, 11, 1859-1872.	3.1	22

#	Article	IF	Citations
37	Mitochondrial genome of a 22,000-year-old giant panda from southern China reveals a new panda lineage. Current Biology, 2018, 28, R693-R694.	3.9	19
38	Comparative genomics reveals convergent evolution between the bamboo-eating giant and red pandas. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 1081-1086.	7.1	196
39	Withered on the stem: is bamboo a seasonally limiting resource for giant pandas?. Environmental Science and Pollution Research, 2017, 24, 10537-10546.	5.3	50
40	Seasonal variation in nutrient utilization shapes gut microbiome structure and function in wild giant pandas. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20170955.	2.6	99
41	Inbreeding and inbreeding avoidance in wild giant pandas. Molecular Ecology, 2017, 26, 5793-5806.	3.9	57
42	Distinctive dietâ€tissue isotopic discrimination factors derived from the exclusive bambooâ€eating giant panda. Integrative Zoology, 2016, 11, 447-456.	2.6	11
43	Improvement of genome assembly completeness and identification of novel full-length protein-coding genes by RNA-seq in the giant panda genome. Scientific Reports, 2016, 5, 18019.	3.3	12
44	Noninvasive genetics provides insights into the population size and genetic diversity of an Amur tiger population in China. Integrative Zoology, 2016, 11, 16-24.	2.6	10
45	Individual identification of wild giant pandas from camera trap photos â€“ a systematic and hierarchical approach. Journal of Zoology, 2016, 300, 247-256.	1.7	58
46	Progress in the ecology and conservation of giant pandas. Conservation Biology, 2015, 29, 1497-1507.	4.7	153
47	Exceptionally low daily energy expenditure in the bamboo-eating giant panda. Science, 2015, 349, 171-174.	12.6	190
48	Hunting bamboo: Foraging patch selection and utilization by giant pandas and implications for conservation. Biological Conservation, 2015, 186, 260-267.	4.1	64
49	Habitat suitability for chiru (Pantholops hodgsonii): Implications for conservation management across the Tibetan region of Chang Tang. Journal of Wildlife Management, 2015, 79, 384-392.	1.8	3
50	Giant Pandas Are Not an Evolutionary cul-de-sac: Evidence from Multidisciplinary Research. Molecular Biology and Evolution, 2015, 32, 4-12.	8.9	149
51	Major histocompatibility complex alleles associated with parasite susceptibility in wild giant pandas. Heredity, 2015, 114, 85-93.	2.6	42
52	Large-Scale Genetic Survey Provides Insights into the Captive Management and Reintroduction of Giant Pandas. Molecular Biology and Evolution, 2014, 31, 2663-2671.	8.9	31
53	Advancements of the researches on biodiversity loss mechanisms. Chinese Science Bulletin, 2014, 59, 430-437.	0.7	23
54	Effect of Chinaâ€™s rapid development on its iconic giant panda. Science Bulletin, 2013, 58, 2134-2139.	1.7	18

#	Article	IF	Citations
55	Whole-genome sequencing of giant pandas provides insights into demographic history and local adaptation. Nature Genetics, 2013, 45, 67-71.	21.4	303
56	Genetic consequences of historical anthropogenic and ecological events on giant pandas. Ecology, 2013, 94, 2346-2357.	3.2	64
57	Measures of giant panda habitat selection across multiple spatial scales for species conservation. Journal of Wildlife Management, 2012, 76, 1092-1100.	1.8	9
58	Black and white and read all over: the past, present and future of giant panda genetics. Molecular Ecology, 2012, 21, 5660-5674.	3.9	143
59	Giant panda scent-marking strategies in the wild: role of season, sex and marking surface. Animal Behaviour, 2012, 84, 39-44.	1.9	100
60	Quantifying landscape linkages among giant panda subpopulations in regional scale conservation. Integrative Zoology, 2012, 7, 165-174.	2.6	23
61	Genetic structuring and recent demographic history of red pandas (Ailurus fulgens) inferred from microsatellite and mitochondrial DNA. Molecular Ecology, 2011, 20, 2662-2675.	3.9	41
62	Different habitat preferences of male and female giant pandas. Journal of Zoology, 2011, 285, 205-214.	1.7	17
63	Genotyping faeces of red pandas (Ailurus fulgens): implications for population estimation. European Journal of Wildlife Research, 2011, 57, 1231-1235.	1.4	5
64	THE PARASITES OF GIANT PANDAS: INDIVIDUAL-BASED MEASUREMENT IN WILD ANIMALS. Journal of Wildlife Diseases, 2011, 47, 164-171.	0.8	60
65	Spatial genetic structure and dispersal of giant pandas on a mountain-range scale. Conservation Genetics, 2010, 11, 2145-2155.	1.5	72
66	Genetic evidence of recent population contraction in the southernmost population of giant pandas. Genetica, 2010, 138, 1297-1306.	1.1	61
67	Ecological niche modeling of the sympatric giant and red pandas on a mountain-range scale. Biodiversity and Conservation, 2009, 18, 2127-2141.	2.6	32
68	Microsatellite loci for the Chinese bamboo rat Rhizomus sinensis. Molecular Ecology Resources, 2009, 9, 1270-1272.	4.8	2