

Logan Kistler

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,836
citations

331670

21
h-index

330143

37
g-index

49
all docs

49
docs citations

49
times ranked

3281
citing authors

#	ARTICLE	IF	CITATIONS
1	Phylogenomic analysis points to a South American origin of Manihot and illuminates the primary gene pool of cassava. <i>New Phytologist</i> , 2022, 233, 534-545.	7.3	3
2	Emerging evidence of plant domestication as a landscape-level process. <i>Trends in Ecology and Evolution</i> , 2022, 37, 268-279.	8.7	31
3	Pre-Columbian transregional captive rearing of Amazonian parrots in the Atacama Desert. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	17
4	Exaptation Traits for Megafaunal Mutualisms as a Factor in Plant Domestication. <i>Frontiers in Plant Science</i> , 2021, 12, 649394.	3.6	9
5	Evolutionary and phylogenetic insights from a nuclear genome sequence of the extinct, giant, <i>Megaladapis edwardsi</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	12
6	Pleistocene origins, western ghost lineages, and the emerging phylogeographic history of the red wolf and coyote. <i>Molecular Ecology</i> , 2021, 30, 4292-4304.	3.9	11
7	Extraction and high-throughput sequencing of oak heartwood DNA: Assessing the feasibility of genome-wide DNA methylation profiling. <i>PLoS ONE</i> , 2021, 16, e0254971.	2.5	1
8	Multi-Proxy Characterisation of the Storegga Tsunami and Its Impact on the Early Holocene Landscapes of the Southern North Sea. <i>Geosciences (Switzerland)</i> , 2020, 10, 270.	2.2	20
9	Archaeological Central American maize genomes suggest ancient gene flow from South America. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 33124-33129.	7.1	36
10	Ancient Plant Genomics in Archaeology, Herbaria, and the Environment. <i>Annual Review of Plant Biology</i> , 2020, 71, 605-629.	18.7	34
11	Ancient Plant DNA as a Window Into the Cultural Heritage and Biodiversity of Our Food System. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	2.2	11
12	A reevaluation of the domestication bottleneck from archaeogenomic evidence. <i>Evolutionary Applications</i> , 2019, 12, 29-37.	3.1	79
13	Study of plant remains from a fluvial shellmound (Monte Castelo, RO, Brazil) using the X-ray MicroCT imaging technique. <i>Journal of Archaeological Science: Reports</i> , 2019, 26, 101902.	0.5	6
14	To curate the molecular past, museums need a carefully considered set of best practices. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 1471-1474.	7.1	30
15	Extraction of Ancient DNA from Plant Remains. <i>Methods in Molecular Biology</i> , 2019, 1963, 45-55.	0.9	11
16	A domestication history of dynamic adaptation and genomic deterioration in Sorghum. <i>Nature Plants</i> , 2019, 5, 369-379.	9.3	84
17	A Guide to Carrying Out a Phylogenomic Target Sequence Capture Project. <i>Frontiers in Genetics</i> , 2019, 10, 1407.	2.3	76
18	Multiproxy evidence highlights a complex evolutionary legacy of maize in South America. <i>Science</i> , 2018, 362, 1309-1313.	12.6	172

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19	Archaeogenomic evidence from the southwestern US points to a pre-Hispanic scarlet macaw breeding colony. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 8740-8745.	7.1	20
20	SONICS: PCR stutter noise correction in genome-scale microsatellites. <i>Bioinformatics</i> , 2018, 34, 4115-4117.	4.1	6
21	Archaeogenomic evidence reveals prehistoric matrilineal dynasty. <i>Nature Communications</i> , 2017, 8, 14115.	12.8	210
22	A new model for ancient DNA decay based on paleogenomic meta-analysis. <i>Nucleic Acids Research</i> , 2017, 45, 6310-6320.	14.5	168
23	Cultigen Chenopods in the Americas: A Hemispherical Perspective. , 2017, , 55-75.		15
24	High-precision chronology for Central American maize diversification from El Gigante rockshelter, Honduras. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 9026-9031.	7.1	57
25	A massively parallel strategy for STR marker development, capture, and genotyping. <i>Nucleic Acids Research</i> , 2017, 45, e142-e142.	14.5	8
26	Testing Convergent Evolution in Auditory Processing Genes between Echolocating Mammals and the Aye-Aye, a Percussive-Foraging Primate. <i>Genome Biology and Evolution</i> , 2017, 9, 1978-1989.	2.5	8
27	Euarchontan Opsin Variation Brings New Focus to Primate Origins. <i>Molecular Biology and Evolution</i> , 2016, 33, 1029-1041.	8.9	22
28	Gourds and squashes (<i>Cucurbita</i> spp.) adapted to megafaunal extinction and ecological anachronism through domestication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15107-15112.	7.1	95
29	Insights into hominin phenotypic and dietary evolution from ancient DNA sequence data. <i>Journal of Human Evolution</i> , 2015, 79, 55-63.	2.6	46
30	Archaeogenomic insights into the adaptation of plants to the human environment: pushing plant-hominin co-evolution back to the Pliocene. <i>Journal of Human Evolution</i> , 2015, 79, 150-157.	2.6	28
31	Comparative and population mitogenomic analyses of Madagascar's extinct, giant subfossil lemurs. <i>Journal of Human Evolution</i> , 2015, 79, 45-54.	2.6	86
32	Genomic evidence of geographically widespread effect of gene flow from polar bears into brown bears. <i>Molecular Ecology</i> , 2015, 24, 1205-1217.	3.9	148
33	Recent advances in ancient DNA research and their implications for archaeobotany. <i>Vegetation History and Archaeobotany</i> , 2015, 24, 207-214.	2.1	53
34	Transoceanic drift and the domestication of African bottle gourds in the Americas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 2937-2941.	7.1	108
35	Experimental investigation of pathogenic stress on phytolith formation in <i>Cucurbita pepo</i> var. <i>texana</i> (wild gourd). <i>Vegetation History and Archaeobotany</i> , 2013, 22, 165-170.	2.1	7
36	Ancient DNA Extraction from Plants. <i>Methods in Molecular Biology</i> , 2012, 840, 71-79.	0.9	43

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37	Ancient DNA confirms a local origin of domesticated chenopod in eastern North America. <i>Journal of Archaeological Science</i> , 2011, 38, 3549-3554.	2.4	33