

Mathias Stiller

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

3,537
citations

172457

29
h-index

302126

39
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40
all docs

40
docs citations

40
times ranked

5485
citing authors

#	ARTICLE	IF	CITATIONS
1	Ancient horse genomes reveal the timing and extent of dispersals across the Bering Land Bridge. <i>Molecular Ecology</i> , 2021, 30, 6144-6161.	3.9	30
2	Large scale multifactorial likelihood quantitative analysis of <i>BRCA1</i> and <i>BRCA2</i> variants: An ENIGMA resource to support clinical variant classification. <i>Human Mutation</i> , 2019, 40, 1557-1578.	2.5	102
3	Non-reproducible sequence artifacts in FFPE tissue: an experience report. <i>Journal of Cancer Research and Clinical Oncology</i> , 2017, 143, 1199-1207.	2.5	10
4	Fossil and genomic evidence constrains the timing of bison arrival in North America. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 3457-3462.	7.1	84
5	Spatiotemporal Dynamics of Genetic Variation in the Iberian Lynx along Its Path to Extinction Reconstructed with Ancient DNA. <i>Molecular Biology and Evolution</i> , 2017, 34, 2893-2907.	8.9	33
6	Palaeogenomes of Eurasian straight-tusked elephants challenge the current view of elephant evolution. <i>ELife</i> , 2017, 6, .	6.0	50
7	A new genus of horse from Pleistocene North America. <i>ELife</i> , 2017, 6, .	6.0	61
8	Diagnosing a Primary Leptomeningeal Melanoma by Gene Mutation Signature. <i>Journal of Investigative Dermatology</i> , 2016, 136, 1526-1528.	0.7	9
9	Bison phylogeography constrains dispersal and viability of the Ice Free Corridor in western Canada. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 8057-8063.	7.1	140
10	Melanoma Lesions Independently Acquire T-cell Resistance during Metastatic Latency. <i>Cancer Research</i> , 2016, 76, 4347-4358.	0.9	63
11	Targeted next generation sequencing reveals unique mutation profile of primary melanocytic tumors of the central nervous system. <i>Journal of Neuro-Oncology</i> , 2016, 127, 435-444.	2.9	55
12	Single-strand DNA library preparation improves sequencing of formalin-fixed and paraffin-embedded (FFPE) cancer DNA. <i>Oncotarget</i> , 2016, 7, 59115-59128.	1.8	25
13	Palaeolithic dogs and Pleistocene wolves revisited: a reply to Morey (2014). <i>Journal of Archaeological Science</i> , 2015, 54, 210-216.	2.4	38
14	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
15	Analysis of SDHD promoter mutations in various types of melanoma. <i>Oncotarget</i> , 2015, 6, 25868-25882.	1.8	9
16	The last of its kind? Radiocarbon, ancient DNA and stable isotope evidence from a late cave bear (<i>Ursus</i>) Tj ETQq0 Q0 rgBT /Overlock 10	1.5	34
17	Ancient mitochondrial DNA and the genetic history of Eurasian beaver (<i>Castor fiber</i>) in Europe. <i>Molecular Ecology</i> , 2014, 23, 1717-1729.	3.9	24
18	Mitochondrial DNA diversity and evolution of the Pleistocene cave bear complex. <i>Quaternary International</i> , 2014, 339-340, 224-231.	1.5	60

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19	Preservation of viral genomes in 700-y-old caribou feces from a subarctic ice patch. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 16842-16847.	7.1	107
20	Palaeolithic dogs and the early domestication of the wolf: a reply to the comments of Crockford and Kuzmin (2012). Journal of Archaeological Science, 2013, 40, 786-792.	2.4	31
21	Effects of late quaternary climate change on arctic shrews. Global Change Biology, 2013, 19, 1865-1874.	9.5	24
22	Recalibrating Equus evolution using the genome sequence of an early Middle Pleistocene horse. Nature, 2013, 499, 74-78.	27.8	717
23	Genomic Evidence for Island Population Conversion Resolves Conflicting Theories of Polar Bear Evolution. PLoS Genetics, 2013, 9, e1003345.	3.5	181
24	Mitochondrial Phylogenomics of Modern and Ancient Equids. PLoS ONE, 2013, 8, e55950.	2.5	123
25	Improving the performance of true single molecule sequencing for ancient DNA. BMC Genomics, 2012, 13, 177.	2.8	35
26	Multiplex PCR Amplification of Ancient DNA. Methods in Molecular Biology, 2012, 840, 133-141.	0.9	2
27	Generating Barcoded Libraries for Multiplex High-Throughput Sequencing. Methods in Molecular Biology, 2012, 840, 155-170.	0.9	36
28	Case Study: Targeted high-Throughput Sequencing of Mitochondrial Genomes from Extinct Cave Bears via Direct Multiplex PCR Sequencing (DMPS). Methods in Molecular Biology, 2012, 840, 171-176.	0.9	3
29	Niche partitioning between two sympatric genetically distinct cave bears (<i>Ursus spelaeus</i> and <i>Ursus</i>) Tj ETQq1 1 0.784314 rgBT /Over Quaternary International, 2011, 245, 238-248.	1.5	70
30	Pleistocene bears in the Swabian Jura (Germany): Genetic replacement, ecological displacement, extinctions and survival. Quaternary International, 2011, 245, 225-237.	1.5	80
31	Was the Middle Würmian in the High Alps warmer than today?. Quaternary International, 2011, 245, 193-200.	1.5	8
32	Influence of Climate Warming on Arctic Mammals? New Insights from Ancient DNA Studies of the Collared Lemming <i>Dicrostonyx torquatus</i> . PLoS ONE, 2010, 5, e10447.	2.5	48
33	Withering Away—25,000 Years of Genetic Decline Preceded Cave Bear Extinction. Molecular Biology and Evolution, 2010, 27, 975-978.	8.9	117
34	Direct multiplex sequencing (DMPS)—a novel method for targeted high-throughput sequencing of ancient and highly degraded DNA. Genome Research, 2009, 19, 1843-1848.	5.5	102
35	Fossil dogs and wolves from Palaeolithic sites in Belgium, the Ukraine and Russia: osteometry, ancient DNA and stable isotopes. Journal of Archaeological Science, 2009, 36, 473-490.	2.4	315
36	Mitochondrial genomes reveal an explosive radiation of extinct and extant bears near the Miocene-Pliocene boundary. BMC Evolutionary Biology, 2008, 8, 220.	3.2	261

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37	Isotopic evidence for omnivory among European cave bears: Late Pleistocene <i>Ursus spelaeus</i> from the Peștera cu Oase, Romania. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 600-604.	7.1	94
38	Staying out in the cold: glacial refugia and mitochondrial DNA phylogeography in ancient European brown bears. Molecular Ecology, 2007, 16, 5140-5148.	3.9	130
39	Multiplex amplification of ancient DNA. Nature Protocols, 2006, 1, 720-728.	12.0	78