

# 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  
g-index

40  
all docs

40  
docs citations

40  
times ranked

5485  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recalibrating Equus evolution using the genome sequence of an early Middle Pleistocene horse. <i>Nature</i> , 2013, 499, 74-78.	27.8	717
2	Fossil dogs and wolves from Palaeolithic sites in Belgium, the Ukraine and Russia: osteometry, ancient DNA and stable isotopes. <i>Journal of Archaeological Science</i> , 2009, 36, 473-490.	2.4	315
3	Mitochondrial genomes reveal an explosive radiation of extinct and extant bears near the Miocene-Pliocene boundary. <i>BMC Evolutionary Biology</i> , 2008, 8, 220.	3.2	261
4	Genomic Evidence for Island Population Conversion Resolves Conflicting Theories of Polar Bear Evolution. <i>PLoS Genetics</i> , 2013, 9, e1003345.	3.5	181
5	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
6	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
7	Staying out in the cold: glacial refugia and mitochondrial DNA phylogeography in ancient European brown bears. <i>Molecular Ecology</i> , 2007, 16, 5140-5148.	3.9	130
8	Mitochondrial Phylogenomics of Modern and Ancient Equids. <i>PLoS ONE</i> , 2013, 8, e55950.	2.5	123
9	Withering Away—25,000 Years of Genetic Decline Preceded Cave Bear Extinction. <i>Molecular Biology and Evolution</i> , 2010, 27, 975-978.	8.9	117
10	Preservation of viral genomes in 700-y-old caribou feces from a subarctic ice patch. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 16842-16847.	7.1	107
11	Direct multiplex sequencing (DMPS)—a novel method for targeted high-throughput sequencing of ancient and highly degraded DNA. <i>Genome Research</i> , 2009, 19, 1843-1848.	5.5	102
12	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
13	Isotopic evidence for omnivory among European cave bears: Late Pleistocene <i>Ursus spelaeus</i> from the PeÅŸtera cu Oase, Romania. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 600-604.	7.1	94
14	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
15	Pleistocene bears in the Swabian Jura (Germany): Genetic replacement, ecological displacement, extinctions and survival. <i>Quaternary International</i> , 2011, 245, 225-237.	1.5	80
16	Multiplex amplification of ancient DNA. <i>Nature Protocols</i> , 2006, 1, 720-728.	12.0	78
17	Niche partitioning between two sympatric genetically distinct cave bears ( <i>Ursus spelaeus</i> and <i>Ursus</i> ) <i>Tj ETQq1 1 0.784314 rgBT /Overlo</i> <i>Quaternary International</i> , 2011, 245, 238-248.	1.5	70
18	Melanoma Lesions Independently Acquire T-cell Resistance during Metastatic Latency. <i>Cancer Research</i> , 2016, 76, 4347-4358.	0.9	63

#	ARTICLE	IF	CITATIONS
19	A new genus of horse from Pleistocene North America. <i>ELife</i> , 2017, 6, .	6.0	61
20	Mitochondrial DNA diversity and evolution of the Pleistocene cave bear complex. <i>Quaternary International</i> , 2014, 339-340, 224-231.	1.5	60
21	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
22	Palaeogenomes of Eurasian straight-tusked elephants challenge the current view of elephant evolution. <i>ELife</i> , 2017, 6, .	6.0	50
23	Influence of Climate Warming on Arctic Mammals? New Insights from Ancient DNA Studies of the Collared Lemming <i>Dicrostonyx torquatus</i> . <i>PLoS ONE</i> , 2010, 5, e10447.	2.5	48
24	Palaeolithic dogs and Pleistocene wolves revisited: a reply to Morey (2014). <i>Journal of Archaeological Science</i> , 2015, 54, 210-216.	2.4	38
25	Generating Barcoded Libraries for Multiplex High-Throughput Sequencing. <i>Methods in Molecular Biology</i> , 2012, 840, 155-170.	0.9	36
26	Improving the performance of true single molecule sequencing for ancient DNA. <i>BMC Genomics</i> , 2012, 13, 177.	2.8	35
27	The last of its kind? Radiocarbon, ancient DNA and stable isotope evidence from a late cave bear ( <i>Ursus</i> ) Tj ETQq1 1,0,784314,34µgBT /C	1.5	34
28	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
29	Palaeolithic dogs and the early domestication of the wolf: a reply to the comments of Crockford and Kuzmin (2012). <i>Journal of Archaeological Science</i> , 2013, 40, 786-792.	2.4	31
30	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
31	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
32	Effects of late quaternary climate change on <i>Peromyscus</i> arctic shrews. <i>Global Change Biology</i> , 2013, 19, 1865-1874.	9.5	24
33	Ancient mitochondrial <i>DNA</i> and the genetic history of <i>Castor fiber</i> in Europe. <i>Molecular Ecology</i> , 2014, 23, 1717-1729.	3.9	24
34	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
35	Diagnosing a Primary Leptomeningeal Melanoma by Gene Mutation Signature. <i>Journal of Investigative Dermatology</i> , 2016, 136, 1526-1528.	0.7	9
36	Analysis of SDHD promoter mutations in various types of melanoma. <i>Oncotarget</i> , 2015, 6, 25868-25882.	1.8	9

#	ARTICLE	IF	CITATIONS
37	Was the Middle Würmian in the High Alps warmer than today?. Quaternary International, 2011, 245, 193-200.	1.5	8
38	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
39	Multiplex PCR Amplification of Ancient DNA. Methods in Molecular Biology, 2012, 840, 133-141.	0.9	2