

Verena J Schuenemann

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

3,531
citations

257450

24
h-index

302126

39
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43
all docs

43
docs citations

43
times ranked

4612
citing authors

#	ARTICLE	IF	CITATIONS
1	A draft genome of <i>Yersinia pestis</i> from victims of the Black Death. <i>Nature</i> , 2011, 478, 506-510.	27.8	619
2	Pre-Columbian mycobacterial genomes reveal seals as a source of New World human tuberculosis. <i>Nature</i> , 2014, 514, 494-497.	27.8	506
3	The rise and fall of the <i>Phytophthora infestans</i> lineage that triggered the Irish potato famine. <i>ELife</i> , 2013, 2, e00731.	6.0	339
4	Genome-Wide Comparison of Medieval and Modern <i>Mycobacterium leprae</i> . <i>Science</i> , 2013, 341, 179-183.	12.6	313
5	Targeted enrichment of ancient pathogens yielding the pPCP1 plasmid of <i>Yersinia pestis</i> from victims of the Black Death. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, E746-52.	7.1	211
6	Eighteenth century <i>Yersinia pestis</i> genomes reveal the long-term persistence of an historical plague focus. <i>ELife</i> , 2016, 5, e12994.	6.0	139
7	Origin of modern syphilis and emergence of a pandemic <i>Treponema pallidum</i> cluster. <i>Nature Microbiology</i> , 2017, 2, 16245.	13.3	138
8	Insight into the evolution and origin of leprosy bacilli from the genome sequence of <i>Mycobacterium lepromatosis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 4459-4464.	7.1	134
9	Ancient Egyptian mummy genomes suggest an increase of Sub-Saharan African ancestry in post-Roman periods. <i>Nature Communications</i> , 2017, 8, 15694.	12.8	131
10	Ancient genomes reveal a high diversity of <i>Mycobacterium leprae</i> in medieval Europe. <i>PLoS Pathogens</i> , 2018, 14, e1006997.	4.7	98
11	Effect of X-ray irradiation on ancient DNA in sub-fossil bones – Guidelines for safe X-ray imaging. <i>Scientific Reports</i> , 2016, 6, 32969.	3.3	74
12	Ancient DNA suggests modern wolves trace their origin to a Late Pleistocene expansion from Beringia. <i>Molecular Ecology</i> , 2020, 29, 1596-1610.	3.9	70
13	<i>Mycobacterium leprae</i> genomes from a British medieval leprosy hospital: towards understanding an ancient epidemic. <i>BMC Genomics</i> , 2014, 15, 270.	2.8	60
14	Historic <i>Treponema pallidum</i> genomes from Colonial Mexico retrieved from archaeological remains. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006447.	3.0	58
15	Large-scale mitogenomic analysis of the phylogeography of the Late Pleistocene cave bear. <i>Scientific Reports</i> , 2019, 9, 10700.	3.3	57
16	Extraction of ultrashort DNA molecules from herbarium specimens. <i>BioTechniques</i> , 2017, 62, 76-79.	1.8	53
17	Ancient genomes reveal social and genetic structure of Late Neolithic Switzerland. <i>Nature Communications</i> , 2020, 11, 1915.	12.8	50
18	Ratio of mitochondrial to nuclear DNA affects contamination estimates in ancient DNA analysis. <i>Scientific Reports</i> , 2018, 8, 14075.	3.3	48

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19	Ancient Bacterial Genomes Reveal a High Diversity of <i>Treponema pallidum</i> Strains in Early Modern Europe. <i>Current Biology</i> , 2020, 30, 3788-3803.e10.	3.9	47
20	Nonhuman primates across sub-Saharan Africa are infected with the yaws bacterium <i>Treponema pallidum</i> subsp. <i>pertenue</i> . <i>Emerging Microbes and Infections</i> , 2018, 7, 1-4.	6.5	41
21	Parallel detection of ancient pathogens via array-based DNA capture. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20130375.	4.0	38
22	Host Diversity and Origin of Zoonoses: The Ancient and the New. <i>Animals</i> , 2020, 10, 1672.	2.3	33
23	Leprosy in wild chimpanzees. <i>Nature</i> , 2021, 598, 652-656.	27.8	30
24	2000-year-old pathogen genomes reconstructed from metagenomic analysis of Egyptian mummified individuals. <i>BMC Biology</i> , 2020, 18, 108.	3.8	29
25	Mitochondrial Genomes of Giant Deers Suggest their Late Survival in Central Europe. <i>Scientific Reports</i> , 2015, 5, 10853.	3.3	28
26	Archival influenza virus genomes from Europe reveal genomic variability during the 1918 pandemic. <i>Nature Communications</i> , 2022, 13, 2314.	12.8	25
27	Variola virus genome sequenced from an eighteenth-century museum specimen supports the recent origin of smallpox. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190572.	4.0	24
28	New ancient Eastern European <i>Yersinia pestis</i> genomes illuminate the dispersal of plague in Europe. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190569.	4.0	20
29	Comparison of target enrichment strategies for ancient pathogen DNA. <i>BioTechniques</i> , 2020, 69, 455-459.	1.8	17
30	Evolutionary Processes in the Emergence and Recent Spread of the Syphilis Agent, <i>Treponema pallidum</i> . <i>Molecular Biology and Evolution</i> , 2022, 39, .	8.9	16
31	A refined proposal for the origin of dogs: the case study of GnrshÅ¶hle, a Magdalenian cave site. <i>Scientific Reports</i> , 2021, 11, 5137.	3.3	15
32	Human mitochondrial DNA lineages in Iron-Age Fennoscandia suggest incipient admixture and eastern introduction of farming-related maternal ancestry. <i>Scientific Reports</i> , 2019, 9, 16883.	3.3	14
33	<i>Mycobacterium leprae</i> diversity and population dynamics in medieval Europe from novel ancient genomes. <i>BMC Biology</i> , 2021, 19, 220.	3.8	14
34	Ancient mitochondrial and modern whole genomes unravel massive genetic diversity loss during near extinction of Alpine ibex. <i>Molecular Ecology</i> , 2022, 31, 3548-3565.	3.9	9
35	The Southernmost Pre-Columbian Dogs in the Americas: Phenotype, Chronology, Diet and Genetics. <i>Environmental Archaeology</i> , 0, , 1-32.	1.2	8
36	One Health Approaches to Trace <i>Mycobacterium leprae</i> 's Zoonotic Potential Through Time. <i>Frontiers in Microbiology</i> , 2021, 12, 762263.	3.5	5

#	ARTICLE	IF	CITATIONS
37	Insights into health and disease from ancient biomolecules. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190568.	4.0	4
38	Non-destructive extraction of DNA from preserved tissues in medical collections. <i>BioTechniques</i> , 2022, 72, 60-64.	1.8	4
39	Geographically structured genomic diversity of non-human primate-infecting <i>Treponema pallidum</i> subsp. <i>pertenue</i> . <i>Microbial Genomics</i> , 2020, 6, .	2.0	2