

Marcela Sandoval-Velasco

List of Publications by Year in Descending Order

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

56
papers

1,317
citations

22
h-index

35
g-index

65
ext. papers

1,978
ext. citations

11.8
avg, IF

3.93
L-index

#	Paper	IF	Citations
56	Evolutionary history of the extinct Sardinian dhole. <i>Current Biology</i> , 2021 ,	6.3	2
55	Kouprey () genomes unveil polytomic origin of wild Asian. <i>IScience</i> , 2021 , 24, 103226	6.1	0
54	The germline mutational process in rhesus macaque and its implications for phylogenetic dating. <i>GigaScience</i> , 2021 , 10,	7.6	6
53	The genomic origin of Zana of Abkhazia. <i>Genetics & Genomics Next</i> , 2021 , 2, e10051	1.2	
52	A genomic exploration of the early evolution of extant cats and their sabre-toothed relatives [version 2; peer review: 2 approved].. <i>Open Research Europe</i> , 2021 , 1, 25		
51	Pleistocene origins, western ghost lineages, and the emerging phylogeographic history of the red wolf and coyote. <i>Molecular Ecology</i> , 2021 , 30, 4292-4304	5.7	3
50	Genomes of Pleistocene Siberian Wolves Uncover Multiple Extinct Wolf Lineages. <i>Current Biology</i> , 2021 , 31, 198-206.e8	6.3	7
49	Extended survival of Pleistocene Siberian wolves into the early 20th century on the island of Honshu. <i>IScience</i> , 2021 , 24, 101904	6.1	3
48	Ancient viral genomes reveal introduction of human pathogenic viruses into Mexico during the transatlantic slave trade. <i>ELife</i> , 2021 , 10,	8.9	2
47	Ancient and modern genomes unravel the evolutionary history of the rhinoceros family. <i>Cell</i> , 2021 , 184, 4874-4885.e16	56.2	6
46	The evolutionary history of extinct and living lions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 10927-10934	11.5	31
45	Genomic insights into the early peopling of the Caribbean. <i>Science</i> , 2020 , 369, 456-460	33.3	21
44	Recent mitochondrial lineage extinction in the critically endangered Javan rhinoceros. <i>Zoological Journal of the Linnean Society</i> , 2020 , 190, 372-383	2.4	4
43	Plasmodium vivax Malaria Viewed through the Lens of an Eradicated European Strain. <i>Molecular Biology and Evolution</i> , 2020 , 37, 773-785	8.3	21
42	Ancient DNA suggests modern wolves trace their origin to a Late Pleistocene expansion from Beringia. <i>Molecular Ecology</i> , 2020 , 29, 1596-1610	5.7	33
41	Evolutionary History, Genomic Adaptation to Toxic Diet, and Extinction of the Carolina Parakeet. <i>Current Biology</i> , 2020 , 30, 108-114.e5	6.3	16
40	Paleogenomic insights into the red complex bacteria in Pre-Hispanic and Colonial individuals from Mexico. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020 , 375, 20190580	5.8	6

39	Genomic Adaptations and Evolutionary History of the Extinct Scimitar-Toothed Cat, <i>Homotherium latidens</i> . <i>Current Biology</i> , 2020 , 30, 5018-5025.e5	6.3	18
38	Dense sampling of bird diversity increases power of comparative genomics. <i>Nature</i> , 2020 , 587, 252-257	50.4	89
37	Pre-extinction Demographic Stability and Genomic Signatures of Adaptation in the Woolly Rhinoceros. <i>Current Biology</i> , 2020 , 30, 3871-3879.e7	6.3	16
36	Narwhals require targeted conservation. <i>Science</i> , 2020 , 370, 416	33.3	2
35	Hi-C chromosome conformation capture sequencing of avian genomes using the BGISEQ-500 platform. <i>GigaScience</i> , 2020 , 9,	7.6	2
34	Early Pleistocene enamel proteome from Dmanisi resolves <i>Stephanorhinus</i> phylogeny. <i>Nature</i> , 2019 , 574, 103-107	50.4	70
33	High-coverage genomes to elucidate the evolution of penguins. <i>GigaScience</i> , 2019 , 8,	7.6	6
32	Resolving a clinical tuberculosis outbreak using palaeogenomic genome reconstruction methodologies. <i>Tuberculosis</i> , 2019 , 119, 101865	2.6	0
31	Killer whale genomes reveal a complex history of recurrent admixture and vicariance. <i>Molecular Ecology</i> , 2019 , 28, 3427-3444	5.7	25
30	Ancient RNA from Late Pleistocene permafrost and historical canids shows tissue-specific transcriptome survival. <i>PLoS Biology</i> , 2019 , 17, e3000166	9.7	17
29	Demographic reconstruction from ancient DNA supports rapid extinction of the great auk. <i>ELife</i> , 2019 , 8,	8.9	6
28	Genetic affinities of an eradicated European strain. <i>Microbial Genomics</i> , 2019 , 5,	4.4	5
27	A 5700 year-old human genome and oral microbiome from chewed birch pitch. <i>Nature Communications</i> , 2019 , 10, 5520	17.4	31
26	MobiSeq: De novo SNP discovery in model and non-model species through sequencing the flanking region of transposable elements. <i>Molecular Ecology Resources</i> , 2019 , 19, 512-525	8.4	2
25	Origins and genetic legacies of the Caribbean Taino. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 2341-2346	11.5	45
24	Whole-Genome Sequencing of African Dogs Provides Insights into Adaptations against Tropical Parasites. <i>Molecular Biology and Evolution</i> , 2018 , 35, 287-298	8.3	24
23	Debugging diversity - a pan-continental exploration of the potential of terrestrial blood-feeding leeches as a vertebrate monitoring tool. <i>Molecular Ecology Resources</i> , 2018 , 18, 1282-1298	8.4	35
22	Population genomics of grey wolves and wolf-like canids in North America. <i>PLoS Genetics</i> , 2018 , 14, e1007745	26	

21	Interspecific Gene Flow Shaped the Evolution of the Genus <i>Canis</i> . <i>Current Biology</i> , 2018 , 28, 3441-3449.e6.3	58
20	Ancient genomes from Iceland reveal the making of a human population. <i>Science</i> , 2018 , 360, 1028-1032	33.3 37
19	The evolutionary history of dogs in the Americas. <i>Science</i> , 2018 , 361, 81-85	33.3 73
18	Paradoxical escape responses by narwhals (). <i>Science</i> , 2017 , 358, 1328-1331	33.3 41
17	The wolf reference genome sequence (<i>Canis lupus lupus</i>) and its implications for <i>Canis</i> spp. population genomics. <i>BMC Genomics</i> , 2017 , 18, 495	4.5 49
16	Unmatched DNA preservation prove arctic hare and sheep wool in Norse Greenlandic textile from the Farm Beneath the Sand. <i>Journal of Archaeological Science: Reports</i> , 2017 , 14, 603-608	0.7 4
15	Comparative performance of the BGISEQ-500 vs Illumina HiSeq2500 sequencing platforms for palaeogenomic sequencing. <i>GigaScience</i> , 2017 , 6, 1-13	7.6 88
14	Relative performance of two DNA extraction and library preparation methods on archaeological human teeth samples. <i>Science and Technology of Archaeological Research</i> , 2017 , 3, 80-88	1.2 3
13	An 'Aukward' Tale: A Genetic Approach to Discover the Whereabouts of the Last Great Auks. <i>Genes</i> , 2017 , 8,	4.2 4
12	The potential and pitfalls of de-extinction. <i>Zoologica Scripta</i> , 2016 , 45, 22-36	2.5 22
11	Crossing disciplinary lines: reconciling social and genomic perspectives on the histories and legacies of the transatlantic trade in enslaved Africans. <i>New Genetics and Society</i> , 2016 , 35, 149-185	1.9 5
10	Mitochondrial DNA from the eradicated European <i>Plasmodium vivax</i> and <i>P. falciparum</i> from 70-year-old slides from the Ebro Delta in Spain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 11495-11500	11.5 31
9	Defining management units for cetaceans by combining genetics, morphology, acoustics and satellite tracking. <i>Global Ecology and Conservation</i> , 2015 , 3, 839-850	2.8 36
8	A Common Genetic Origin for Early Farmers from Mediterranean Cardial and Central European LBK Cultures. <i>Molecular Biology and Evolution</i> , 2015 , 32, 3132-42	8.3 120
7	Comparative performance of two whole-genome capture methodologies on ancient DNA Illumina libraries. <i>Methods in Ecology and Evolution</i> , 2015 , 6, 725-734	7.7 36
6	New insights on single-stranded versus double-stranded DNA library preparation for ancient DNA. <i>BioTechniques</i> , 2015 , 59, 368-71	2.5 33
5	Genome-wide ancestry of 17th-century enslaved Africans from the Caribbean. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 3669-73	11.5 82
4	Shifts in developmental timing, and not increased levels of experience-dependent neuronal activity, promote barrel expansion in the primary somatosensory cortex of rats enucleated at birth. <i>PLoS ONE</i> , 2013 , 8, e54940	3.7 8

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| 3 | Biological parameters in a declining population of narwhals (<i>Monodon monoceros</i>) in Scoresby Sound, Southeast Greenland. <i>Arctic Science</i> ,1-20 | 2.2 | 0 |
| 2 | The genetic origins of Saint Helena's liberated Africans | | 3 |
| 1 | A genomic exploration of the early evolution of extant cats and their sabre-toothed relatives. <i>Open Research Europe</i> ,1, 25 | | 0 |