

Marcela Sandoval-Velasco

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

2,480
citations

230014

27
h-index

274796

44
g-index

65
all docs

65
docs citations

65
times ranked

5509
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological parameters in a declining population of narwhals (<i>Monodon monoceros</i>) in Scoresby Sound, Southeast Greenland. <i>Arctic Science</i> , 2022, 8, 329-348.	0.9	9
2	Grey wolf genomic history reveals a dual ancestry of dogs. <i>Nature</i> , 2022, 607, 313-320.	13.7	48
3	Genomes of Pleistocene Siberian Wolves Uncover Multiple Extinct Wolf Lineages. <i>Current Biology</i> , 2021, 31, 198-206.e8.	1.8	26
4	Extended survival of Pleistocene Siberian wolves into the early 20th century on the island of HonshÅ«. <i>IScience</i> , 2021, 24, 101904.	1.9	9
5	The germline mutational process in rhesus macaque and its implications for phylogenetic dating. <i>GigaScience</i> , 2021, 10, .	3.3	26
6	The genomic origin of Zana of Abkhazia. <i>Genetics & Genomics Next</i> , 2021, 2, e10051.	0.8	0
7	A genomic exploration of the early evolution of extant cats and their sabre-toothed relatives. <i>Open Research Europe</i> , 2021, 1, 25.	2.0	2
8	Pleistocene origins, western ghost lineages, and the emerging phylogeographic history of the red wolf and coyote. <i>Molecular Ecology</i> , 2021, 30, 4292-4304.	2.0	11
9	Ancient viral genomes reveal introduction of human pathogenic viruses into Mexico during the transatlantic slave trade. <i>ELife</i> , 2021, 10, .	2.8	23
10	Ancient and modern genomes unravel the evolutionary history of the rhinoceros family. <i>Cell</i> , 2021, 184, 4874-4885.e16.	13.5	49
11	Evolutionary history of the extinct Sardinian dhole. <i>Current Biology</i> , 2021, 31, 5571-5579.e6.	1.8	7
12	Kouprey (<i>Bos sauveli</i>) genomes unveil polytomic origin of wild Asian Bos. <i>IScience</i> , 2021, 24, 103226.	1.9	8
13	<i>Plasmodium vivax</i> Malaria Viewed through the Lens of an Eradicated European Strain. <i>Molecular Biology and Evolution</i> , 2020, 37, 773-785.	3.5	38
14	Ancient DNA suggests modern wolves trace their origin to a Late Pleistocene expansion from Beringia. <i>Molecular Ecology</i> , 2020, 29, 1596-1610.	2.0	70
15	Evolutionary History, Genomic Adaptation to Toxic Diet, and Extinction of the Carolina Parakeet. <i>Current Biology</i> , 2020, 30, 108-114.e5.	1.8	24
16	Paleogenomic insights into the red complex bacteria <i>Tannerella forsythia</i> in Pre-Hispanic and Colonial individuals from Mexico. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190580.	1.8	18
17	Genomic Adaptations and Evolutionary History of the Extinct Scimitar-Toothed Cat, <i>Homotherium latidens</i> . <i>Current Biology</i> , 2020, 30, 5018-5025.e5.	1.8	34
18	Dense sampling of bird diversity increases power of comparative genomics. <i>Nature</i> , 2020, 587, 252-257.	13.7	251

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19	Pre-extinction Demographic Stability and Genomic Signatures of Adaptation in the Woolly Rhinoceros. <i>Current Biology</i> , 2020, 30, 3871-3879.e7.	1.8	41
20	Narwhals require targeted conservation. <i>Science</i> , 2020, 370, 416-416.	6.0	7
21	Hi-C chromosome conformation capture sequencing of avian genomes using the BGISEQ-500 platform. <i>GigaScience</i> , 2020, 9, .	3.3	6
22	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.	3.3	70
23	Genomic insights into the early peopling of the Caribbean. <i>Science</i> , 2020, 369, 456-460.	6.0	44
24	Recent mitochondrial lineage extinction in the critically endangered Javan rhinoceros. <i>Zoological Journal of the Linnean Society</i> , 2020, 190, 372-383.	1.0	13
25	Ancient RNA from Late Pleistocene permafrost and historical canids shows tissue-specific transcriptome survival. <i>PLoS Biology</i> , 2019, 17, e3000166.	2.6	33
26	Early Pleistocene enamel proteome from Dmanisi resolves <i>Stephanorhinus</i> phylogeny. <i>Nature</i> , 2019, 574, 103-107.	13.7	135
27	High-coverage genomes to elucidate the evolution of penguins. <i>GigaScience</i> , 2019, 8, .	3.3	18
28	Resolving a clinical tuberculosis outbreak using palaeogenomic genome reconstruction methodologies. <i>Tuberculosis</i> , 2019, 119, 101865.	0.8	1
29	Killer whale genomes reveal a complex history of recurrent admixture and vicariance. <i>Molecular Ecology</i> , 2019, 28, 3427-3444.	2.0	46
30	A 5700 year-old human genome and oral microbiome from chewed birch pitch. <i>Nature Communications</i> , 2019, 10, 5520.	5.8	61
31	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.	2.2	4
32	Genetic affinities of an eradicated European <i>Plasmodium falciparum</i> strain. <i>Microbial Genomics</i> , 2019, 5, .	1.0	9
33	Demographic reconstruction from ancient DNA supports rapid extinction of the great auk. <i>ELife</i> , 2019, 8, .	2.8	15
34	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.	3.3	64
35	Whole-Genome Sequencing of African Dogs Provides Insights into Adaptations against Tropical Parasites. <i>Molecular Biology and Evolution</i> , 2018, 35, 287-298.	3.5	41
36	Population genomics of grey wolves and wolf-like canids in North America. <i>PLoS Genetics</i> , 2018, 14, e1007745.	1.5	54

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37	Interspecific Gene Flow Shaped the Evolution of the Genus <i>Canis</i> . <i>Current Biology</i> , 2018, 28, 3441-3449.e5.	1.8	110
38	Ancient genomes from Iceland reveal the making of a human population. <i>Science</i> , 2018, 360, 1028-1032.	6.0	62
39	The evolutionary history of dogs in the Americas. <i>Science</i> , 2018, 361, 81-85.	6.0	140
40	Debugging diversity – a pancontinental exploration of the potential of terrestrial blood-feeding leeches as a vertebrate monitoring tool. <i>Molecular Ecology Resources</i> , 2018, 18, 1282-1298.	2.2	45
41	Paradoxical escape responses by narwhals (<i>Monodon monoceros</i>). <i>Science</i> , 2017, 358, 1328-1331.	6.0	72
42	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.	1.2	73
43	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.	0.2	6
44	Comparative performance of the BGISEQ-500 vs Illumina HiSeq2500 sequencing platforms for palaeogenomic sequencing. <i>GigaScience</i> , 2017, 6, 1-13.	3.3	137
45	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.	2.4	6
46	An ‘Aukward’ Tale: A Genetic Approach to Discover the Whereabouts of the Last Great Auks. <i>Genes</i> , 2017, 8, 164.	1.0	11
47	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.	0.7	10
48	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.	3.3	41
49	The potential and pitfalls of de-extinction. <i>Zoologica Scripta</i> , 2016, 45, 22-36.	0.7	25
50	Comparative performance of two whole-genome capture methodologies on ancient DNA Illumina libraries. <i>Methods in Ecology and Evolution</i> , 2015, 6, 725-734.	2.2	43
51	New insights on single-stranded versus double-stranded DNA library preparation for ancient DNA. <i>BioTechniques</i> , 2015, 59, 368-371.	0.8	43
52	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, 3669-3673.	3.3	110
53	Defining management units for cetaceans by combining genetics, morphology, acoustics and satellite tracking. <i>Global Ecology and Conservation</i> , 2015, 3, 839-850.	1.0	52
54	A Common Genetic Origin for Early Farmers from Mediterranean Cardial and Central European LBK Cultures. <i>Molecular Biology and Evolution</i> , 2015, 32, msv181.	3.5	155

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55	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. PLoS ONE, 2013, 8, e54940.	1.1	12
56	Brain Plasticity, Signal Transduction and Epigenesis: a Missing Link Revealed. Annual Review of Biomedical Sciences, 2009, 11, .	0.5	0
57	A genomic exploration of the early evolution of extant cats and their sabre-toothed relatives. Open Research Europe, 0, 1, 25.	2.0	1