

Nathan Wales

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

3,356
citations

201674

27
h-index

206112

48
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56
all docs

56
docs citations

56
times ranked

5420
citing authors

#	ARTICLE	IF	CITATIONS
1	Tracking the history of grapevine cultivation in Georgia by combining geometric morphometrics and ancient DNA. <i>Vegetation History and Archaeobotany</i> , 2021, 30, 63-76.	2.1	29
2	Extended survival of Pleistocene Siberian wolves into the early 20th century on the island of HonshÅ«. <i>IScience</i> , 2021, 24, 101904.	4.1	9
3	Fungal mycelial mats used as textile by indigenous people of North America. <i>Mycologia</i> , 2021, 113, 261-267.	1.9	7
4	Editorial: Applied Uses of Ancient DNA. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	2.2	2
5	Biodiversity Soup II: A bulk sample metabarcoding pipeline emphasizing error reduction. <i>Methods in Ecology and Evolution</i> , 2021, 12, 1252-1264.	5.2	21
6	Patterns of transmission and horizontal gene transfer in the <i>Dioscorea sansibarensis</i> leaf symbiosis revealed by whole-genome sequencing. <i>Current Biology</i> , 2021, 31, 2666-2673.e4.	3.9	6
7	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
8	Ancient Plant Genomics in Archaeology, Herbaria, and the Environment. <i>Annual Review of Plant Biology</i> , 2020, 71, 605-629.	18.7	34
9	Is it possible to identify ancient wine production using biomolecular approaches?. <i>Science and Technology of Archaeological Research</i> , 2020, 6, 16-29.	2.4	30
10	Metagenomic analysis of historical herbarium specimens reveals a postmortem microbial community. <i>Molecular Ecology Resources</i> , 2020, 20, 1206-1219.	4.8	23
11	Postglacial Colonization of Northern Coastal Habitat by Bottlenose Dolphins: A Marine Leading-Edge Expansion?. <i>Journal of Heredity</i> , 2019, 110, 662-674.	2.4	16
12	Palaeogenomic insights into the origins of French grapevine diversity. <i>Nature Plants</i> , 2019, 5, 595-603.	9.3	85
13	Extraction of Ancient DNA from Plant Remains. <i>Methods in Molecular Biology</i> , 2019, 1963, 45-55.	0.9	11
14	Parallel adaptation of rabbit populations to myxoma virus. <i>Science</i> , 2019, 363, 1319-1326.	12.6	124
15	Ancient <scp>DNA</scp> reveals the timing and persistence of organellar genetic bottlenecks over 3,000 years of sunflower domestication and improvement. <i>Evolutionary Applications</i> , 2019, 12, 38-53.	3.1	27
16	Single-tube library preparation for degraded <scp>DNA</scp>. <i>Methods in Ecology and Evolution</i> , 2018, 9, 410-419.	5.2	261
17	Multiproxy evidence highlights a complex evolutionary legacy of maize in South America. <i>Science</i> , 2018, 362, 1309-1313.	12.6	172
18	Recent Asian origin of chytrid fungi causing global amphibian declines. <i>Science</i> , 2018, 360, 621-627.	12.6	389

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19	Characterizing restriction enzyme-associated loci in historic ragweed (<i>Ambrosia artemisiifolia</i>) voucher specimens using custom-designed <i>scp</i> RNA probes. <i>Molecular Ecology Resources</i> , 2017, 17, 209-220.	4.8	31
20	Genomic and proteomic identification of Late Holocene remains: Setting baselines for Black Sea odontocetes. <i>Journal of Archaeological Science: Reports</i> , 2017, 15, 262-271.	0.5	6
21	Inactivation of thermogenic UCP1 as a historical contingency in multiple placental mammal clades. <i>Science Advances</i> , 2017, 3, e1602878.	10.3	78
22	Plant Domestication: Wild Date Palms Illuminate a Crop's Sticky Origins. <i>Current Biology</i> , 2017, 27, R702-R704.	3.9	9
23	Early Neolithic wine of Georgia in the South Caucasus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E10309-E10318.	7.1	192
24	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
25	The efficacy of high-throughput sequencing and target enrichment on charred archaeobotanical remains. <i>Scientific Reports</i> , 2016, 6, 37347.	3.3	40
26	Grape and wine culture in Georgia, the South Caucasus. <i>BIO Web of Conferences</i> , 2016, 7, 03027.	0.2	9
27	Genome Sequence of a 5,310-Year-Old Maize Cob Provides Insights into the Early Stages of Maize Domestication. <i>Current Biology</i> , 2016, 26, 3195-3201.	3.9	130
28	The limits and potential of paleogenomic techniques for reconstructing grapevine domestication. <i>Journal of Archaeological Science</i> , 2016, 72, 57-70.	2.4	43
29	Genomic Characterization of a South American <i>Phytophthora</i> Hybrid Mandates Reassessment of the Geographic Origins of <i>Phytophthora infestans</i> . <i>Molecular Biology and Evolution</i> , 2016, 33, 478-491.	8.9	48
30	Further evidence of Chelonid herpesvirus 5 (ChHV5) latency: high levels of ChHV5 DNA detected in clinically healthy marine turtles. <i>PeerJ</i> , 2016, 4, e2274.	2.0	27
31	The origin and evolution of maize in the Southwestern United States. <i>Nature Plants</i> , 2015, 1, 14003.	9.3	138
32	Comparative performance of two whole-genome capture methodologies on ancient <i>scp</i> DNA libraries. <i>Methods in Ecology and Evolution</i> , 2015, 6, 725-734.	5.2	43
33	New insights on single-stranded versus double-stranded DNA library preparation for ancient DNA. <i>BioTechniques</i> , 2015, 59, 368-371.	1.8	43
34	Ancient genomics. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20130387.	4.0	142
35	Odintifier - A computational method for identifying insertions of organellar origin from modern and ancient high-throughput sequencing data based on haplotype phasing. <i>BMC Bioinformatics</i> , 2015, 16, 232.	2.6	7
36	Ancient and modern environmental DNA. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20130383.	4.0	292

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37	Recent advances in ancient DNA research and their implications for archaeobotany. <i>Vegetation History and Archaeobotany</i> , 2015, 24, 207-214.	2.1	53
38	Ancient Biomolecules from Archaeobotanical Remains. , 2015, , 293-313.		1
39	Early Levallois technology and the Lower to Middle Paleolithic transition in the Southern Caucasus. <i>Science</i> , 2014, 345, 1609-1613.	12.6	171
40	Persistence of the Mitochondrial Lineage Responsible for the Irish Potato Famine in Extant New World <i>Phytophthora infestans</i> . <i>Molecular Biology and Evolution</i> , 2014, 31, 1414-1420.	8.9	39
41	Optimization of DNA Recovery and Amplification from Non-Carbonized Archaeobotanical Remains. <i>PLoS ONE</i> , 2014, 9, e86827.	2.5	63
42	Hybridization Capture Using Short PCR Products Enriches Small Genomes by Capturing Flanking Sequences (CapFlank). <i>PLoS ONE</i> , 2014, 9, e109101.	2.5	21
43	Reconstructing genome evolution in historic samples of the Irish potato famine pathogen. <i>Nature Communications</i> , 2013, 4, 2172.	12.8	103
44	PALEOBOTANY Ancient Plant DNA. , 2013, , 705-715.		6
45	Deep Sequencing of RNA from Ancient Maize Kernels. <i>PLoS ONE</i> , 2013, 8, e50961.	2.5	38
46	Modeling Neanderthal clothing using ethnographic analogues. <i>Journal of Human Evolution</i> , 2012, 63, 781-795.	2.6	69
47	Choosing the Best Plant for the Job: A Cost-Effective Assay to Prescreen Ancient Plant Remains Destined for Shotgun Sequencing. <i>PLoS ONE</i> , 2012, 7, e45644.	2.5	16
48	What Does God Know? Supernatural Agentsâ€™ Access to Socially Strategic and Nonâ€™ Strategic Information. <i>Cognitive Science</i> , 2012, 36, 846-869.	1.7	52
49	Application and comparison of large-scale solution-based DNA capture-enrichment methods on ancient DNA. <i>Scientific Reports</i> , 2011, 1, 74.	3.3	106