Vaughan Grimes

List of Publications by Year
in descending order

38 papers	2,088 citations	516215 16 h-index	315357 38 g-index
39 all docs	39 docs citations	39 times ranked	3437 citing authors

#	Article	IF	Citations
1	Genomic evidence for the Pleistocene and recent population history of Native Americans. Science, 2015, 349, aab3884.	6.0	449
2	The genetic prehistory of the New World Arctic. Science, 2014, 345, 1255832.	6.0	264
3	Strontium isotope evidence for landscape use by early hominins. Nature, 2011, 474, 76-78.	13.7	175
4	The evolutionary history of dogs in the Americas. Science, 2018, 361, 81-85.	6.0	140
5	Strontium isotope evidence for migration in late Pleistocene Rangifer: Implications for Neanderthal hunting strategies at the Middle Palaeolithic site of Jonzac, France. Journal of Human Evolution, 2011, 61, 176-185.	1.3	139
6	Stable isotope and DNA evidence for ritual sequences in Inca child sacrifice. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 16456-16461.	3.3	138
7	Reconstructing faunal migrations using intra-tooth sampling and strontium and oxygen isotope analyses: a case study of modern caribou (Rangifer tarandus granti). Journal of Archaeological Science, 2009, 36, 1163-1172.	1.2	138
8	Strontium isotope evidence of Neanderthal mobility at the site of Lakonis, Greece using laser-ablation PIMMS. Journal of Archaeological Science, 2008, 35, 1251-1256.	1.2	132
9	Strontium isotope ratios (⁸⁷Sr/⁸⁶Sr) of tooth enamel: a comparison of solution and laser ablation multicollector inductively coupled plasma mass spectrometry methods. Rapid Communications in Mass Spectrometry, 2008, 22, 3187-3194.	0.7	110
10	A comparison of pretreatment methods for the analysis of phosphate oxygen isotope ratios in bioapatite. Rapid Communications in Mass Spectrometry, 2013, 27, 375-390.	0.7	51
11	On the hoof: exploring the supply of animals to the Roman legionary fortress at Caerleon using strontium (87Sr/86Sr) isotope analysis. Archaeological and Anthropological Sciences, 2019, 11, 223-235.	0.7	42
12	A stable isotope method for identifying transatlantic origin of pig (Sus scrofa) remains at French and English fishing stations in Newfoundland. Journal of Archaeological Science, 2012, 39, 2012-2022.	1.2	39
13	Domestic dog (Canis familiaris) diets among coastal Late Archaic groups of northeastern North America: A case study for the canine surrogacy approach. Journal of Anthropological Archaeology, 2013, 32, 732-745.	0.7	31
14	Finding Vikings with Isotope Analysis: The View from Wet and Windy Islands. Journal of the North Atlantic, 2014, 7, 54-70.	0.4	26
15	Confocal xâ€ray Fluorescence Imaging Facilitates Highâ€Resolution Elemental Mapping in Fragile Archaeological Bone. Archaeometry, 2016, 58, 207-217.	0.6	19
16	Tracing historical animal husbandry, meat trade, and food provisioning: A multi-isotopic approach to the analysis of shipwreck faunal remains from the William Salthouse, Port Phillip, Australia. Journal of Archaeological Science: Reports, 2015, 1, 21-28.	0.2	18
17	Feasting and Mobility in Iron Age Ireland: Multi-isotope analysis reveals the vast catchment of Navan Fort, Ulster. Scientific Reports, 2019, 9, 19792.	1.6	18
18	Genetic Discontinuity between the Maritime Archaic and Beothuk Populations in Newfoundland, Canada. Current Biology, 2017, 27, 3149-3156.e11.	1.8	17

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19	Reconstructing Diets and Origins of Vikings at HrÃsbrÃº, Mosfell Valley, Iceland: The Carbon, Nitrogen, and Strontium Isotope Evidence. Cursor Mundi, 2014, , 105-116.	0.0	16
20	Reconstructing caribou seasonal biogeography in Little Ice Age (late Holocene) Western Alaska using intra-tooth strontium and oxygen isotope analysis. Journal of Archaeological Science: Reports, 2019, 23, 1043-1054.	0.2	16
21	High-resolution Sr-isotopic evolution of Black Sea water during the Holocene: Implications for reconnection with the global ocean. Marine Geology, 2019, 407, 213-228.	0.9	13
22	Aminoisoscapes and palaeodiet reconstruction: New perspectives on millet-based diets in China using amino acid Î´13C values. Journal of Archaeological Science, 2021, 125, 105289.	1.2	12
23	Spatial variation in bioavailable strontium isotope ratios (87Sr/86Sr) in Kenya and northern Tanzania: Implications for ecology, paleoanthropology, and archaeology. Palaeogeography, Palaeoclimatology, Palaeoecology, 2020, 560, 109957.	1.0	10
24	First Archaeological Evidence for Old World Crops in the Caribbean: The Presence of Barley on the Island of Barbuda. Historical Archaeology, 2017, 51, 542-556.	0.5	9
25	Response to Nowell and Horstwood (2009). Journal of Archaeological Science, 2009, 36, 1657-1658.	1.2	8
26	Addressing human mobility in Iberian Neolithic and Chalcolithic ditched enclosures: The case of PerdigÃµes (South Portugal). Journal of Archaeological Science: Reports, 2020, 30, 102264.	0.2	8
27	Diet and mobility of fauna from Late Neolithicâ€“Chalcolithic site of PerdigÃµes, Portugal. Journal of Archaeological Science: Reports, 2018, 19, 674-685.	0.2	7
28	A multi-isotopic (Î´13C, Î´15N, and Î´34S) faunal baseline for Maya subsistence and migration studies. Journal of Archaeological Science: Reports, 2021, 37, 102977.	0.2	7
29	Prehispanic Maya diet and mobility at Nakum, Guatemala: A multi-isotopic approach. Journal of Archaeological Science: Reports, 2020, 32, 102374.	0.2	7
30	Leprosy in medieval Denmark: Exploring life histories through a multiâ€tissue and multiâ€isotopic approach. American Journal of Physical Anthropology, 2021, 176, 36-53.	2.1	6
31	Archaeoentomological Perspectives on Dorset Occupations in Newfoundland: A Case Study from the Site of Phillipâ€™s Garden (EeBi-1). Arctic, 2016, 69, 1.	0.2	6
32	Insights into biogenic and diagenetic lead exposure in experimentally altered modern and archaeological bone: Synchrotron radiation X-ray fluorescence imaging. Science of the Total Environment, 2021, 790, 148144.	3.9	5
33	Dorset Pre-Inuit and Beothuk foodways in Newfoundland, ca. AD 500-1829. PLoS ONE, 2019, 14, e0210187.	1.1	3
34	Life histories from the Southside Cemetery, St. John's, Newfoundland: Insights into Royal Naval diet using stable isotopes. Journal of Archaeological Science: Reports, 2019, 24, 815-828.	0.2	2
35	Diversity in Labrador Inuit sled dog diets: Insights from Î´13C and Î´15N analysis of dog bone and dentine collagen. Journal of Archaeological Science: Reports, 2020, 32, 102424.	0.2	2
36	Evidence of a significant marine plant diet in a Pleistocene caribou from Haida Gwaii, British Columbia, through compound-specific stable isotope analysis. Palaeogeography, Palaeoclimatology, Palaeoecology, 2021, 564, 110180.	1.0	2

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37	Aquatic resource consumption at the Odense leprosarium: Advancing the limits of palaeodiet reconstruction with amino acid Î´13C measurements. Journal of Archaeological Science, 2022, 141, 105578.	1.2	2
38	A bioavailable baseline strontium isotope map of southwestern Turkey for mobility studies. Journal of Archaeological Science: Reports, 2021, 37, 102922.	0.2	1