

# Eric J Guiry

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

1,128  
citations

430874

18  
h-index

434195

31  
g-index

44  
all docs

44  
docs citations

44  
times ranked

1467  
citing authors

#	ARTICLE	IF	CITATIONS
1	The evolutionary history of dogs in the Americas. <i>Science</i> , 2018, 361, 81-85.	12.6	140
2	Dogs as Analogs in Stable Isotope-Based Human Paleodietary Reconstructions: A Review and Considerations for Future Use. <i>Journal of Archaeological Method and Theory</i> , 2012, 19, 351-376.	3.0	108
3	Complexities of Stable Carbon and Nitrogen Isotope Biogeochemistry in Ancient Freshwater Ecosystems: Implications for the Study of Past Subsistence and Environmental Change. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	2.2	71
4	Effects of lipid extraction and ultrafiltration on stable carbon and nitrogen isotopic compositions of fish bone collagen. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 1591-1600.	1.5	55
5	Improved quality control criteria for stable carbon and nitrogen isotope measurements of ancient bone collagen. <i>Journal of Archaeological Science</i> , 2021, 132, 105416.	2.4	55
6	High-resolution serial sampling for nitrogen stable isotope analysis of archaeological mammal teeth. <i>Journal of Archaeological Science</i> , 2016, 69, 21-28.	2.4	46
7	Quality control for modern bone collagen stable carbon and nitrogen isotope measurements. <i>Methods in Ecology and Evolution</i> , 2020, 11, 1049-1060.	5.2	45
8	A stable isotope method for identifying transatlantic origin of pig ( <i>Sus scrofa</i> ) remains at French and English fishing stations in Newfoundland. <i>Journal of Archaeological Science</i> , 2012, 39, 2012-2022.	2.4	39
9	The transition to agriculture in south-western Europe: new isotopic insights from Portugal's Atlantic coast. <i>Antiquity</i> , 2016, 90, 604-616.	1.0	38
10	A canine surrogacy approach to human paleodietary bone chemistry: past development and future directions. <i>Archaeological and Anthropological Sciences</i> , 2013, 5, 275-286.	1.8	35
11	Mesolithic Dietary Heterogeneity on the European Atlantic Coastline. <i>Current Anthropology</i> , 2015, 56, 460-470.	1.6	35
12	Lake Ontario salmon ( <i>Salmo salar</i> ) were not migratory: A long-standing historical debate solved through stable isotope analysis. <i>Scientific Reports</i> , 2016, 6, 36249.	3.3	35
13	Domestic dog ( <i>Canis familiaris</i> ) diets among coastal Late Archaic groups of northeastern North America: A case study for the canine surrogacy approach. <i>Journal of Anthropological Archaeology</i> , 2013, 32, 732-745.	1.6	31
14	Postglacial relative sea-level history of the Prince Rupert area, British Columbia, Canada. <i>Quaternary Science Reviews</i> , 2016, 153, 156-191.	3.0	30
15	Anthropogenic changes to the Holocene nitrogen cycle in Ireland. <i>Science Advances</i> , 2018, 4, eaas9383.	10.3	29
16	Urban rats have less variable, higher protein diets. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20181441.	2.6	26
17	Deforestation caused abrupt shift in Great Lakes nitrogen cycle. <i>Limnology and Oceanography</i> , 2020, 65, 1921-1935.	3.1	24
18	Differentiating salmonid migratory ecotypes through stable isotope analysis of collagen: Archaeological and ecological applications. <i>PLoS ONE</i> , 2020, 15, e0232180.	2.5	24

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19	Dietary plasticity and the extinction of the passenger pigeon ( <i>Ectopistes migratorius</i> ). <i>Quaternary Science Reviews</i> , 2020, 233, 106225.	3.0	19
20	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. <i>Journal of Archaeological Science: Reports</i> , 2015, 1, 21-28.	0.5	18
21	Integrating Stable Isotope and Zooarchaeological Analyses in Historical Archaeology: A Case Study from the Urban Nineteenth-Century Commonwealth Block Site, Melbourne, Australia. <i>International Journal of Historical Archaeology</i> , 2014, 18, 415-440.	0.4	17
22	Integrating fish scale and bone isotopic compositions for deep time retrospective studies. <i>Marine Environmental Research</i> , 2020, 160, 104982.	2.5	17
23	Reconstructing Diets and Origins of Vikings at Hrafnar, Mosfell Valley, Iceland: The Carbon, Nitrogen, and Strontium Isotope Evidence. <i>Cursor Mundi</i> , 2014, , 105-116.	0.0	16
24	Isotopic Evidence for Garden Hunting and Resource Depression in the Late Woodland of Northeastern North America. <i>American Antiquity</i> , 2021, 86, 90-110.	1.1	16
25	ISOTOPIC ANALYSES REVEAL GEOGRAPHICAL AND SOCIOECONOMIC PATTERNS IN HISTORICAL DOMESTIC ANIMAL TRADE BETWEEN PREDOMINANTLY WHEAT- AND MAIZE-GROWING AGRICULTURAL REGIONS IN EASTERN NORTH AMERICA. <i>American Antiquity</i> , 2017, 82, 341-352.	1.1	15
26	Archaeological herbivore $\delta^{13}C$ and $\delta^{34}S$ provide a marker for saltmarsh use and new insights into the process of $^{15}N$ -enrichment in coastal plants. <i>Journal of Archaeological Science</i> , 2021, 125, 105295.	2.4	15
27	Inferring Human Behaviors from Isotopic Analyses of Rat Diet: a Critical Review and Historical Application. <i>Journal of Archaeological Method and Theory</i> , 2016, 23, 399-426.	3.0	13
28	Beyond the local fishing hole: A preliminary study of pan-regional fishing in southern Ontario (ca. 1000-1500 AD). <i>Journal of Archaeological Science</i> , 2019, 107, 105055.	0.5	13
29	Seaweed-eating sheep show that $\delta^{13}C$ evidence for marine diets can be fully masked by sea spray effects. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8868.	1.5	13
30	Stable Isotope Palaeodietary and Radiocarbon Evidence from the Early Neolithic Site of Zemunica, Dalmatia, Croatia. <i>European Journal of Archaeology</i> , 2017, 20, 235-256.	0.5	12
31	Pleistocene paleoecology and feeding behavior of terrestrial vertebrates recorded in a pre-LGM asphaltic deposit at Rancho La Brea, California. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 537, 109383.	2.3	12
32	Animal Husbandry and Colonial Adaptive Behavior: Isotopic Insights from the La Belle Shipwreck Fauna. <i>Historical Archaeology</i> , 2018, 52, 684-699.	0.3	11
33	Ancient dog diets on the Pacific Northwest Coast: zooarchaeological and stable isotope modelling evidence from Tseshaht territory and beyond. <i>Scientific Reports</i> , 2020, 10, 15630.	3.3	10
34	Stable-Isotope Bone Chemistry and Human/Animal Interactions in Historical Archaeology. <i>Northeast Historical Archaeology</i> , 2012, 41, 126-143.	0.1	8
35	Early evidence for historical overfishing in the Gulf of Mexico. <i>Science Advances</i> , 2021, 7, .	10.3	7
36	Storing fish?: a dog's isotopic biography provides insight into Iron Age food preservation strategies in the Russian Arctic. <i>Archaeological and Anthropological Sciences</i> , 2020, 12, 200.	1.8	6

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37	Diet in Medieval Gaelic Ireland: A multiproxy study of the human remains from Ballyhanna, Co. Donegal. <i>Journal of Archaeological Science</i> , 2020, 121, 105203.	2.4	5
38	Evidence for freshwater residency among Lake Ontario Atlantic salmon ( <i>Salmo salar</i> ) spawning in New York. <i>Journal of Great Lakes Research</i> , 2020, 46, 1036-1043.	1.9	5
39	Tar Trap: No Evidence of Domestic Dog Burial with "La Brea Woman". <i>PaleoAmerica</i> , 2016, 2, 56-59.	1.5	4
40	Dating archaeobotanical remains: a cautionary tale from Port au Choix, Newfoundland. <i>Vegetation History and Archaeobotany</i> , 2016, 25, 75-84.	2.1	3
41	Four millennia of long-term individual foraging site fidelity in a highly migratory marine predator. <i>Communications Biology</i> , 2022, 5, 368.	4.4	3
42	Diversity in Labrador Inuit sled dog diets: Insights from $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ analysis of dog bone and dentine collagen. <i>Journal of Archaeological Science: Reports</i> , 2020, 32, 102424.	0.5	2
43	Investigating the sex-selectivity of a middle Ontario Iroquoian Atlantic salmon ( <i>Salmo salar</i> ) and lake trout ( <i>Salvelinus namaycush</i> ) fishery through ancient DNA analysis. <i>Journal of Archaeological Science: Reports</i> , 2020, 31, 102301.	0.5	1
44	Exploring Railroad Impacts on Meat Trade: An Isotopic Investigation of Meat Sourcing and Animal Husbandry at Chinese Diaspora Sites in the American West. <i>International Journal of Historical Archaeology</i> , 2023, 27, 393-423.	0.4	1