

Melanie Roffet-Salque

List of Publications by Year in descending order

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Version: 2024-02-01

146
papers

10,085
citations

26630

56
h-index

39675

94
g-index

149
all docs

149
docs citations

149
times ranked

6860
citing authors

#	ARTICLE	IF	CITATIONS
1	The Earliest Horse Harnessing and Milking. <i>Science</i> , 2009, 323, 1332-1335.	12.6	539
2	Earliest date for milk use in the Near East and southeastern Europe linked to cattle herding. <i>Nature</i> , 2008, 455, 528-531.	27.8	516
3	Crop manuring and intensive land management by Europe's first farmers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 12589-12594.	7.1	466
4	Earliest evidence for cheese making in the sixth millennium bc in northern Europe. <i>Nature</i> , 2013, 493, 522-525.	27.8	387
5	First dairying in green Saharan Africa in the fifth millennium bc. <i>Nature</i> , 2012, 486, 390-394.	27.8	314
6	Direct Demonstration of Milk as an Element of Archaeological Economies. , 1998, 282, 1478-1481.		285
7	Analysis of organic residues of archaeological origin by high-temperature gas chromatography and gas chromatography-mass spectrometry. <i>Analyst, The</i> , 1990, 115, 1339.	3.5	263
8	Chemistry of Archaeological Animal Fats. <i>Accounts of Chemical Research</i> , 2002, 35, 660-668.	15.6	229
9	Detection and classification of atmospheric methane oxidizing bacteria in soil. <i>Nature</i> , 2000, 405, 175-178.	27.8	207
10	Thermally produced γ -(o-alkylphenyl)alkanoic acids provide evidence for the processing of marine products in archaeological pottery vessels. <i>Tetrahedron Letters</i> , 2004, 45, 2999-3002.	1.4	196
11	Organic chemistry of embalming agents in Pharaonic and Graeco-Roman mummies. <i>Nature</i> , 2001, 413, 837-841.	27.8	192
12	Identification of triacylglycerol positional isomers present in vegetable oils by high performance liquid chromatography/atmospheric pressure chemical ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 1997, 11, 1240-1252.	1.5	182
13	Preservation of Chitin in 25-Million-Year-Old Fossils. <i>Science</i> , 1997, 276, 1541-1543.	12.6	175
14	Lipids as carriers of anthropogenic signals from prehistory. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1999, 354, 19-31.	4.0	175
15	Experimental approaches to the interpretation of absorbed organic residues in archaeological ceramics. <i>World Archaeology</i> , 2008, 40, 26-47.	1.1	175
16	Fuel for thought? Beeswax in lamps and conical cups from Late Minoan Crete. <i>Antiquity</i> , 1997, 71, 979-985.	1.0	169
17	High throughput screening of organic residues in archaeological potsherds using direct acidified methanol extraction. <i>Analytical Methods</i> , 2014, 6, 1330.	2.7	163
18	Practical and theoretical considerations in the gas chromatography/combustion/isotope ratio mass spectrometry $\delta^{13}C$ analysis of small polyfunctional compounds. <i>Rapid Communications in Mass Spectrometry</i> , 2001, 15, 730-738.	1.5	148

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19	Widespread exploitation of the honeybee by early Neolithic farmers. <i>Nature</i> , 2015, 527, 226-230.	27.8	145
20	Evidence for Varying Patterns of Exploitation of Animal Products in Different Prehistoric Pottery Traditions Based on Lipids Preserved in Surface and Absorbed Residues. <i>Journal of Archaeological Science</i> , 1999, 26, 1473-1482.	2.4	144
21	Formation of long-chain ketones in ancient pottery vessels by pyrolysis of acyl lipids. <i>Tetrahedron Letters</i> , 1995, 36, 8875-8878.	1.4	139
22	Immediate replacement of fishing with dairying by the earliest farmers of the northeast Atlantic archipelagos. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20132372.	2.6	130
23	Recognition of Chitin and Proteins in Invertebrate Cuticles Using Analytical Pyrolysis/Gas Chromatography and Pyrolysis/Gas Chromatography/Mass Spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 1996, 10, 1747-1757.	1.5	128
24	Assessing microbial lipid contributions during laboratory degradations of fats and oils and pure triacylglycerols absorbed in ceramic potsherds. <i>Organic Geochemistry</i> , 1998, 29, 1345-1354.	1.8	118
25	Regional asynchronicity in dairy production and processing in early farming communities of the northern Mediterranean. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 13594-13599.	7.1	118
26	Earliest direct evidence of plant processing in prehistoric Saharan pottery. <i>Nature Plants</i> , 2017, 3, 16194.	9.3	117
27	The Ecological implications of a Yakutian mammoth's last meal. <i>Quaternary Research</i> , 2008, 69, 361-376.	1.7	116
28	Resolving the bulk $\delta^{15}\text{N}$ values of ancient human and animal bone collagen via compound-specific nitrogen isotope analysis of constituent amino acids. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 241-251.	3.9	116
29	Molecular heterogeneity in the Major Urinary Proteins of the house mouse <i>Mus musculus</i> . <i>Biochemical Journal</i> , 1996, 316, 265-272.	3.7	112
30	A novel marine dietary indicator utilising compound-specific bone collagen amino acid $\delta^{13}\text{C}$ values of ancient humans. <i>Journal of Archaeological Science</i> , 2005, 32, 321-330.	2.4	109
31	^{13}C -Labelling of lipids to investigate microbial communities in the environment. <i>Current Opinion in Biotechnology</i> , 2006, 17, 72-82.	6.6	109
32	Regiospecific characterisation of the triacylglycerols in animal fats using high performance liquid chromatography-atmospheric pressure chemical ionisation mass spectrometry. <i>Analyst</i> , 2001, 126, 1018-1024.	3.5	107
33	Organic geochemical studies of soils from the Rothamsted classical experiments VI. The occurrence and source of organic acids in an experimental grassland soil. <i>Soil Biology and Biochemistry</i> , 2000, 32, 1367-1376.	8.8	99
34	New Chemical Evidence for the Use of Combed Ware Pottery Vessels as Beehives in Ancient Greece. <i>Journal of Archaeological Science</i> , 2003, 30, 1-12.	2.4	99
35	Neolithic dairy farming at the extreme of agriculture in northern Europe. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20140819.	2.6	92
36	Combined Analysis of Bile Acids and Sterols/Stanol from Riverine Particulates To Assess Sewage Discharges and Other Fecal Sources. <i>Environmental Science & Technology</i> , 2000, 34, 39-46.	10.0	88

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37	Detection of palm fruit lipids in archaeological pottery from Qasr Ibrim, Egyptian Nubia. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2001, 268, 593-597.	2.6	77
38	From the inside out: Upscaling organic residue analyses of archaeological ceramics. <i>Journal of Archaeological Science: Reports</i> , 2017, 16, 627-640.	0.5	76
39	Ancient Biomolecules and Evolutionary Inference. <i>Annual Review of Biochemistry</i> , 2018, 87, 1029-1060.	11.1	76
40	Assessment of bog-body tissue preservation by pyrolysis-gas chromatography/mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 1997, 11, 1884-1890.	1.5	75
41	$\delta^{13}\text{C}$ Analysis of Cholesterol Preserved in Archaeological Bones and Teeth. <i>Analytical Chemistry</i> , 1996, 68, 4402-4408.	6.5	70
42	Pulque production from fermented agave sap as a dietary supplement in Prehispanic Mesoamerica. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 14223-14228.	7.1	70
43	Monitoring the Routing of Dietary and Biosynthesised Lipids Through Compound - Specific Stable Isotope ($\delta^{13}\text{C}$) Measurements at Natural Abundance. <i>Die Naturwissenschaften</i> , 1997, 84, 82-86.	1.6	69
44	An organic geochemical investigation of the practice of manuring at a Minoan site on Pseira Island, Crete. <i>Geoarchaeology - an International Journal</i> , 2001, 16, 223-242.	1.5	69
45	The biomolecular paleontology of continental fossils. <i>Paleobiology</i> , 2000, 26, 169-193.	2.0	68
46	Trends in pig product processing at British Neolithic Grooved Ware sites traced through organic residues in potsherds. <i>Journal of Archaeological Science</i> , 2008, 35, 2059-2073.	2.4	66
47	Processing palm fruits in the Nile Valley – biomolecular evidence from Qasr Ibrim. <i>Antiquity</i> , 2001, 75, 538-542.	1.0	65
48	Evidence for the impact of the 8.2-kyBP climate event on Near Eastern early farmers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 8705-8709.	7.1	65
49	Source Apportionment of Polycyclic Aromatic Hydrocarbons in Central European Soils with Compound-Specific Triple Isotopes ($\delta^{13}\text{C}$, $\delta^{14}\text{C}$, and $\delta^2\text{H}$). <i>Environmental Science & Technology</i> , 2015, 49, 7657-7665.	10.0	64
50	Evidence for demethylation of syringyl moieties in archaeological wood using pyrolysis-gas chromatography/mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2000, 14, 71-79.	1.5	61
51	Direct detection of maize in pottery residues via compound specific stable carbon isotope analysis. <i>Antiquity</i> , 2004, 78, 682-691.	1.0	61
52	The Qatna lion: scientific confirmation of Baltic amber in late Bronze Age Syria. <i>Antiquity</i> , 2008, 82, 49-59.	1.0	61
53	A call for caution in the analysis of lipids and other small biomolecules from archaeological contexts. <i>Journal of Archaeological Science</i> , 2021, 132, 105397.	2.4	61
54	Earliest expansion of animal husbandry beyond the Mediterranean zone in the sixth millennium BC. <i>Scientific Reports</i> , 2017, 7, 7146.	3.3	60

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55	Response of carbon cycle to drier conditions in the mid-Holocene in central China. <i>Nature Communications</i> , 2018, 9, 1369.	12.8	60
56	Direct Dating of Archaeological Pottery by Compound-Specific ^{14}C Analysis of Preserved Lipids. <i>Analytical Chemistry</i> , 2003, 75, 5037-5045.	6.5	59
57	Cereal grain, rachis and pulse seed amino acid $\delta^{15}\text{N}$ values as indicators of plant nitrogen metabolism. <i>Phytochemistry</i> , 2014, 97, 20-29.	2.9	59
58	Formation of dihydroxy acids from Z-monounsaturated alkenoic acids and their use as biomarkers for the processing of marine commodities in archaeological pottery vessels. <i>Tetrahedron Letters</i> , 2009, 50, 5562-5564.	1.4	58
59	Horses for the dead: funerary foodways in Bronze Age Kazakhstan. <i>Antiquity</i> , 2011, 85, 116-128.	1.0	55
60	Purity assessments of major vegetable oils based on $\delta^{13}\text{C}$ values of individual fatty acids. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 1998, 75, 371-379.	1.9	54
61	Application of Multimolecular Biomarker Techniques to the Identification of Fecal Material in Archaeological Soils and Sediments. <i>ACS Symposium Series</i> , 1996, , 157-172.	0.5	53
62	Accurate compound-specific ^{14}C dating of archaeological pottery vessels. <i>Nature</i> , 2020, 580, 506-510.	27.8	52
63	Compound-specific stable carbon isotopic detection of pig product processing in British Late Neolithic pottery. <i>Antiquity</i> , 2007, 81, 743-754.	1.0	49
64	New insights into the Early Neolithic economy and management of animals in Southern and Central Europe revealed using lipid residue analyses of pottery vessels. <i>Anthropozoologica</i> , 2012, 47, 45-62.	0.5	49
65	Variation in dissolved organic matter (DOM) stoichiometry in U.K. freshwaters: Assessing the influence of land cover and soil C:N ratio on DOM composition. <i>Limnology and Oceanography</i> , 2019, 64, 2328-2340.	3.1	49
66	Identification of animal fats via compound specific $\delta^{13}\text{C}$ values of individual fatty acids: assessments of results for reference fats and lipid extracts of archaeological pottery vessels. <i>Documenta Praehistorica</i> , 0, 29, 73-96.	1.0	48
67	Probing dietary change of the KwáDÁ...y DÑn Ts'Á-nchÑ individual, an ancient glacier body from British Columbia: I. Complementary use of marine lipid biomarker and carbon isotope signatures as novel indicators of a marine diet. <i>Journal of Archaeological Science</i> , 2008, 35, 2102-2110.	2.4	44
68	Practical Considerations in High-Precision Compound-Specific Radiocarbon Analyses: Eliminating the Effects of Solvent and Sample Cross-Contamination on Accuracy and Precision. <i>Analytical Chemistry</i> , 2018, 90, 11025-11032.	6.5	39
69	Tracing pottery use and the emergence of secondary product exploitation through lipid residue analysis at Late Neolithic Tell Sabi Abyad (Syria). <i>Journal of Archaeological Science</i> , 2015, 64, 54-66.	2.4	38
70	Compound-specific amino acid isotopic proxies for distinguishing between terrestrial and aquatic resource consumption. <i>Archaeological and Anthropological Sciences</i> , 2018, 10, 1-18.	1.8	38
71	The effect of manuring on cereal and pulse amino acid $\delta^{15}\text{N}$ values. <i>Phytochemistry</i> , 2014, 102, 40-45.	2.9	37
72	Strong bias towards carcass product processing at Neolithic settlements in northern Greece revealed through absorbed lipid residues of archaeological pottery. <i>Quaternary International</i> , 2018, 496, 127-139.	1.5	35

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73	High-resolution triacylglycerol mixture analysis using high-temperature gas chromatography / mass spectrometry with a polarizable stationary phase, negative ion chemical ionization, and mass-resolved chromatography. <i>Journal of the American Society for Mass Spectrometry</i> , 1996, 7, 350-361.	2.8	34
74	Gas chromatographic mass spectrometric detection of dihydroxy fatty acids preserved in the "bound" phase of organic residues of archaeological pottery vessels. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 1893-1898.	1.5	34
75	How long have adult humans been consuming milk?. <i>IUBMB Life</i> , 2013, 65, 983-990.	3.4	34
76	Pastoralist Foodways Recorded in Organic Residues from Pottery Vessels of Modern Communities in Samburu, Kenya. <i>Journal of Archaeological Method and Theory</i> , 2019, 26, 619-642.	3.0	34
77	Regional diversity in subsistence among early farmers in Southeast Europe revealed by archaeological organic residues. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20182347.	2.6	33
78	Interpreting ancient food practices: stable isotope and molecular analyses of visible and absorbed residues from a year-long cooking experiment. <i>Scientific Reports</i> , 2020, 10, 13704.	3.3	33
79	Characterisation of "bog butter" using a combination of molecular and isotopic techniques. <i>Analyst</i> , 2004, 129, 270-275.	3.5	31
80	Radiocarbon Dating and Dietary Stable Isotope Analysis of Kwaday D'An Ts'inch'An. <i>American Antiquity</i> , 2007, 72, 719-734.	1.1	31
81	High prestige Royal Purple dyed textiles from the Bronze Age royal tomb at Qatna, Syria. <i>Antiquity</i> , 2009, 83, 1109-1118.	1.0	31
82	The biomolecular paleontology of continental fossils. <i>Paleobiology</i> , 2000, 26, 169-193.	2.0	30
83	What was a mortarium used for? Organic residues and cultural change in Iron Age and Roman Britain. <i>Antiquity</i> , 2011, 85, 1339-1352.	1.0	30
84	The influence of varying proportions of terrestrial and marine dietary protein on the stable carbon-isotope compositions of pig tissues from a controlled feeding experiment. <i>Science and Technology of Archaeological Research</i> , 2017, 3, 28-44.	2.4	30
85	Organic chemistry of balms used in the preparation of pharaonic meat mummies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 20392-20395.	7.1	28
86	Organic Geochemical Studies of Soils from Rothamsted Experimental Station: III Nitrogen-Containing Organic Matter in Soil from Geescroft Wilderness. <i>ACS Symposium Series</i> , 1998, , 321-338.	0.5	27
87	New insights into the subsistence economy of the Eneolithic Dereivka culture of the Ukrainian North-Pontic region through lipid residues analysis of pottery vessels. <i>Journal of Archaeological Science: Reports</i> , 2017, 13, 67-74.	0.5	26
88	Milking the megafauna: Using organic residue analysis to understand early farming practice. <i>Environmental Archaeology</i> , 2016, 21, 214-229.	1.2	25
89	Compound-specific $\delta^{15}N$ values express differences in amino acid metabolism in plants of varying lignin content. <i>Phytochemistry</i> , 2019, 161, 130-138.	2.9	25
90	Molecular and isotopic evidence for milk, meat, and plants in prehistoric eastern African herder food systems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 9793-9799.	7.1	25

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91	Age effects and the influence of varying proportions of terrestrial and marine dietary protein on the stable nitrogen-isotope compositions of pig bone collagen and soft tissues from a controlled feeding experiment. <i>Science and Technology of Archaeological Research</i> , 2016, 2, 54-66.	2.4	24
92	Impact of modern cattle feeding practices on milk fatty acid stable carbon isotope compositions emphasise the need for caution in selecting reference animal tissues and products for archaeological investigations. <i>Archaeological and Anthropological Sciences</i> , 2017, 9, 1343-1348.	1.8	24
93	The effect of trophic level on individual amino acid $\delta^{15}\text{N}$ values in a terrestrial ruminant food web. <i>Science and Technology of Archaeological Research</i> , 2017, 3, 135-145.	2.4	24
94	Early herding practices revealed through organic residue analysis of pottery from the early Neolithic rock shelter of Mala Triglavca, Slovenia. <i>Documenta Praehistorica</i> , 0, 35, 253-260.	1.0	23
95	Living off the land: Terrestrial-based diet and dairying in the farming communities of the Neolithic Balkans. <i>PLoS ONE</i> , 2020, 15, e0237608.	2.5	21
96	Interpreting Lipid Residues in Archaeological Ceramics: Preliminary Results from Laboratory Simulations of Vessel Use and Burial. <i>Materials Research Society Symposia Proceedings</i> , 1995, 352, 85.	0.1	20
97	Detection of nucleotide bases in ancient seeds using gas chromatography/mass spectrometry and gas chromatography/mass spectrometry/mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 1994, 8, 503-508.	1.5	19
98	Honey-collecting in prehistoric West Africa from 3500 years ago. <i>Nature Communications</i> , 2021, 12, 2227.	12.8	18
99	Seasonal calving in European Prehistoric cattle and its impacts on milk availability and cheese-making. <i>Scientific Reports</i> , 2021, 11, 8185.	3.3	18
100	Application of High Performance Liquid Chromatography/Mass Spectrometry with Electrospray Ionization to the Detection of DNA Nucleosides in Ancient Seeds. <i>Rapid Communications in Mass Spectrometry</i> , 1996, 10, 495-500.	1.5	17
101	Early Diagenetic Transformations of Proteins and Polysaccharides in Archaeological Plant Remains. <i>ACS Symposium Series</i> , 1998, , 113-131.	0.5	16
102	Use of a 700 MHz NMR Microcryoprobe for the Identification and Quantification of Exogenous Carbon in Compounds Purified by Preparative Capillary Gas Chromatography for Radiocarbon Determinations. <i>Analytical Chemistry</i> , 2017, 89, 7090-7098.	6.5	16
103	Hydrogen chemical ionization mass spectrometry of metalloporphyrins. <i>Organic Mass Spectrometry</i> , 1985, 20, 445-453.	1.3	15
104	The Fate of Chitin in Quaternary and Tertiary Strata. <i>ACS Symposium Series</i> , 1998, , 211-224.	0.5	15
105	A Dietary Study of the Kamegaoka Culture Population during the Final Jomon Period, Japan, Using Stable Isotope and Lipid Analyses of Ceramic Residues. <i>Radiocarbon</i> , 2015, 57, 721-736.	1.8	15
106	Defining pottery use and animal management at the Neolithic site of Bylany (Czech Republic). <i>Journal of Archaeological Science: Reports</i> , 2017, 14, 262-274.	0.5	15
107	Sulphur-isotope compositions of pig tissues from a controlled feeding study. <i>Science and Technology of Archaeological Research</i> , 2017, 3, 71-79.	2.4	14
108	Untargeted characterisation of dissolved organic matter contributions to rivers from anthropogenic point sources using direct infusion and high performance liquid chromatography/Orbitrap mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8618.	1.5	14

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109	Title is missing!. Human Ecology, 2000, 28, 415-431.	1.4	12
110	Radiocarbon Sample Preparation Procedures and the First Status Report from the Bristol Radiocarbon AMS (BRAMS) Facility. Radiocarbon, 2019, 61, 1541-1550.	1.8	12
111	Quinoa, potatoes, and llamas fueled emergent social complexity in the Lake Titicaca Basin of the Andes. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	12
112	Measurement of the turnover of glycogen phosphorylase by GC/MS using stable isotope derivatives of pyridoxine (vitamin B6). Biochemical Journal, 1996, 317, 613-619.	3.7	11
113	A new stable isotope approach identifies the fate of ozone in plant-soil systems. New Phytologist, 2009, 182, 85-90.	7.3	11
114	Widespread exploitation of the honeybee by early Neolithic farmers. Nature, 2016, 534, S17-S18.	27.8	11
115	Neolithic to Bronze Age economy and animal management revealed using analyses lipid residues of pottery vessels and faunal remains at El Portaln de Cueva Mayor (Sierra de Atapuerca, Spain). Journal of Archaeological Science, 2021, 131, 105380.	2.4	11
116	Four millennia of dairy surplus and deposition revealed through compound-specific stable isotope analysis and radiocarbon dating of Irish bog butters. Scientific Reports, 2019, 9, 4559.	3.3	10
117	Diverse Economic Patterns in the North Baltic Sea Region in the Late Neolithic and Early Metal Periods. European Journal of Archaeology, 2020, 23, 4-21.	0.5	10
118	Spatial and temporal disparities in human subsistence in the Neolithic Rhineland gateway. Journal of Archaeological Science, 2020, 122, 105215.	2.4	10
119	COMPOUND-SPECIFIC RADIOCARBON, STABLE CARBON ISOTOPE AND BIOMARKER ANALYSIS OF MIXED MARINE/TERRESTRIAL LIPIDS PRESERVED IN ARCHAEOLOGICAL POTTERY VESSELS. Radiocarbon, 2020, 62, 1679-1697.	1.8	10
120	Compound-specific radiocarbon dating of lipid residues in pottery vessels: A new approach for detecting the exploitation of marine resources. Journal of Archaeological Science, 2022, 137, 105528.	2.4	10
121	Isotope effects associated with the preparation and methylation of fatty acids by boron trifluoride in methanol for compound-specific stable hydrogen isotope analysis via gas chromatography/thermal conversion/isotope ratio mass spectrometry. Rapid Communications in Mass Spectrometry, 2012, 26, 1232-1240.	1.5	9
122	Holocene resource exploitation along the Nile: diet and subsistence strategies of Mesolithic and Neolithic societies at Khor Shambat 1, Sudan. Antiquity, 2021, 95, 1426-1445.	1.0	9
123	Engineering soil organic matter quality: Biodiesel Co-Product (BCP) stimulates exudation of nitrogenous microbial biopolymers. Geoderma, 2015, 259-260, 205-212.	5.1	8
124	Development of Alditol Acetate Derivatives for the Determination of ¹⁵ N-Enriched Amino Sugars by Gas Chromatography-Combustion-Isotope Ratio Mass Spectrometry. Analytical Chemistry, 2019, 91, 3397-3404.	6.5	8
125	High-resolution mass spectrometric analysis of myo-inositol hexakisphosphate using electrospray ionisation Orbitrap. Rapid Communications in Mass Spectrometry, 2017, 31, 1681-1689.	1.5	7
126	Contrasting patterns of prehistoric human diet and subsistence in northernmost Europe. Scientific Reports, 2018, 8, 1148.	3.3	7

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127	Technological variability in foragers' pottery productions at the early-mid Holocene site of Sphinx, western part of Jebel Sabaloka, Sudan. <i>Quaternary International</i> , 2020, 555, 110-125.	1.5	7
128	Animal exploitation and pottery use during the early LBK phases of the Neolithic site of Bylany (Czech Republic). <i>Journal of Archaeological Science</i> , 2019, 102, 1-10.	1.9	7
129	Middle Neolithic pits and a burial at West Amesbury, Wiltshire. <i>Archaeological Journal</i> , 2020, 177, 167-213.	0.6	6
130	Anta 1 de Val da Laje – the first direct view of diet, dairying practice and socio-economic aspects of pottery use in the final Neolithic of central Portugal. <i>Quaternary International</i> , 2020, 542, 1-8.	1.5	6
131	Making the invisible visible: tracing the origins of plants in West African cuisine through archaeobotanical and organic residue analysis. <i>Archaeological and Anthropological Sciences</i> , 2022, 14, 1.	1.8	6
132	Contrasting Patterns of Resource Exploitation on the Outer Hebrides and Northern Isles of Scotland during the Late Iron Age and Norse Period Revealed through Organic Residues in Pottery. <i>Journal of the North Atlantic</i> , 2015, 901, 134-151.	0.4	5
133	Identification and quantification of myo-inositol hexakisphosphate in complex environmental matrices using ion chromatography and high-resolution mass spectrometry in comparison to ³¹ P NMR spectroscopy. <i>Talanta</i> , 2020, 210, 120188.	5.5	5
134	Recognition of Chitin and Proteins in Invertebrate Cuticles Using Analytical Pyrolysis/Gas Chromatography and Pyrolysis/Gas Chromatography/Mass Spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 1996, 10, 1747-1757.	1.5	5
135	Tracing carbon and nitrogen microbial assimilation in suspended particles in freshwaters. <i>Biogeochemistry</i> , 2023, 164, 277-293.	3.5	5
136	Compound-specific Stable Isotopes in Organic Residue Analysis in Archaeology. <i>Journal of Archaeological Science</i> , 2019, 102, 389-432.		4
137	Differing modes of animal exploitation in North-Pontic Eneolithic and Bronze Age Societies. <i>Science and Technology of Archaeological Research</i> , 2017, 3, 112-125.	2.4	4
138	GENERATION OF TWO NEW RADIOCARBON STANDARDS FOR COMPOUND-SPECIFIC RADIOCARBON ANALYSES OF FATTY ACIDS FROM BOG BUTTER FINDS. <i>Radiocarbon</i> , 2021, 63, 771-783.	1.8	4
139	Determination of Arginine ¹⁵ N Values in Plant and Animal Proteins by Gas Chromatography-Combustion-Isotope Ratio Mass Spectrometry. <i>Analytical Chemistry</i> , 2020, 92, 13246-13253.	6.5	3
140	Reaction of proteins with vehicle exhaust soot. <i>Biochemical Society Transactions</i> , 1996, 24, 179S-179S.	3.4	2
141	Furness's First Farmers: Evidence of Early Neolithic Settlement and Dairying in Cumbria. <i>Proceedings of the Prehistoric Society, London</i> , 2020, 86, 165-198.	0.7	2
142	Feeding Babies at the Beginnings of Urbanization in Central Europe. <i>Childhood in the Past</i> , 2021, 14, 102-124.	0.4	2
143	Chronologiczne i przestrzenne trendy użytkowania ceramiki w świetle analiz pozostałości tłuszczów w naczyniach KCWR / Chronological and spatial trends in pottery use revealed through lipid residue analyses of LBK pottery vessels. <i>Ocalone Dziedzictwo Archeologiczne</i> , 2019, , 301-316.	0.0	2
144	Histoire de l'utilisation des laitages et de la persistance du gène de la lactase. <i>Cahiers De Nutrition Et De Dietetique</i> , 2017, 52, S19-S24.	0.3	1

#	ARTICLE	IF	CITATIONS
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