

Melanie Roffet-Salque

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2159298/publications.pdf>

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	Tracing carbon and nitrogen microbial assimilation in suspended particles in freshwaters. <i>Biogeochemistry</i> , 2023, 164, 277-293.	3.5	5
2	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
3	Compound-specific radiocarbon dating of lipid residues in pottery vessels: A new approach for detecting the exploitation of marine resources. <i>Journal of Archaeological Science</i> , 2022, 137, 105528.	2.4	10
4	Animal exploitation and pottery use during the early LBK phases of the Neolithic site of Bylany (Czech) Tj ETQq0 0 0 rrgBT /Overlock 10 T	1.5	7
5	Honey-collecting in prehistoric West Africa from 3500 years ago. <i>Nature Communications</i> , 2021, 12, 2227.	12.8	18
6	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
7	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
8	Neolithic to Bronze Age economy and animal management revealed using analyses lipid residues of pottery vessels and faunal remains at El Portal ³ⁿ de Cueva Mayor (Sierra de Atapuerca, Spain). <i>Journal of Archaeological Science</i> , 2021, 131, 105380.	2.4	11
9	Feeding Babies at the Beginnings of Urbanization in Central Europe. <i>Childhood in the Past</i> , 2021, 14, 102-124.	0.4	2
10	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
11	Holocene resource exploitation along the Nile: diet and subsistence strategies of Mesolithic and Neolithic societies at Khor Shambat 1, Sudan. <i>Antiquity</i> , 2021, 95, 1426-1445.	1.0	9
12	Quinoa, potatoes, and llamas fueled emergent social complexity in the Lake Titicaca Basin of the Andes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	12
13	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
14	Diverse Economic Patterns in the North Baltic Sea Region in the Late Neolithic and Early Metal Periods. <i>European Journal of Archaeology</i> , 2020, 23, 4-21.	0.5	10
15	Untargeted characterisation of dissolved organic matter contributions to rivers from anthropogenic point sources using direct ² infusion and high ² performance liquid chromatography/Orbitrap mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8618.	1.5	14
16	Middle Neolithic pits and a burial at West Amesbury, Wiltshire. <i>Archaeological Journal</i> , 2020, 177, 167-213.	0.6	6
17	Technological variability in foragers ² 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
18	Spatial and temporal disparities in human subsistence in the Neolithic Rhineland gateway. <i>Journal of Archaeological Science</i> , 2020, 122, 105215.	2.4	10

#	ARTICLE	IF	CITATIONS
19	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
20	Determination of Arginine $\delta^{15}\text{N}$ 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
21	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
22	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
23	COMPOUND-SPECIFIC RADIOCARBON, STABLE CARBON ISOTOPE AND BIOMARKER ANALYSIS OF MIXED MARINE/TERRESTRIAL LIPIDS PRESERVED IN ARCHAEOLOGICAL POTTERY VESSELS. <i>Radiocarbon</i> , 2020, 62, 1679-1697.	1.8	10
24	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
25	Accurate compound-specific ^{14}C dating of archaeological pottery vessels. <i>Nature</i> , 2020, 580, 506-510.	27.8	52
26	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
27	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
28	Radiocarbon Sample Preparation Procedures and the First Status Report from the Bristol Radiocarbon AMS (BRAMS) Facility. <i>Radiocarbon</i> , 2019, 61, 1541-1550.	1.8	12
29	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
30	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
31	Compound-specific $\delta^{15}\text{N}$ values express differences in amino acid metabolism in plants of varying lignin content. <i>Phytochemistry</i> , 2019, 161, 130-138.	2.9	25
32	Four millennia of dairy surplus and deposition revealed through compound-specific stable isotope analysis and radiocarbon dating of Irish bog butters. <i>Scientific Reports</i> , 2019, 9, 4559.	3.3	10
33	Development of Alditol Acetate Derivatives for the Determination of $\delta^{15}\text{N}$ -Enriched Amino Sugars by Gas Chromatography-Combustion-Isotope Ratio Mass Spectrometry. <i>Analytical Chemistry</i> , 2019, 91, 3397-3404.	6.5	8
34	Reply to Wainwright and Ayala: Synchronicity of climate and cultural proxies around 8.2 kyBP at the transition to agriculture. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 3345-3346.	7.1	0
35	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
36	Response of carbon cycle to drier conditions in the mid-Holocene in central China. <i>Nature Communications</i> , 2018, 9, 1369.	12.8	60

#	ARTICLE	IF	CITATIONS
37	Contrasting patterns of prehistoric human diet and subsistence in northernmost Europe. <i>Scientific Reports</i> , 2018, 8, 1148.	3.3	7
38	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
39	Ancient Biomolecules and Evolutionary Inference. <i>Annual Review of Biochemistry</i> , 2018, 87, 1029-1060.	11.1	76
40	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
41	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
42	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
43	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
44	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
45	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
46	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
47	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
48	Earliest direct evidence of plant processing in prehistoric Saharan pottery. <i>Nature Plants</i> , 2017, 3, 16194.	9.3	117
49	High-resolution mass spectrometric analysis of myo-inositol hexakisphosphate using electrospray ionisation Orbitrap. <i>Rapid Communications in Mass Spectrometry</i> , 2017, 31, 1681-1689.	1.5	7
50	Earliest expansion of animal husbandry beyond the Mediterranean zone in the sixth millennium BC. <i>Scientific Reports</i> , 2017, 7, 7146.	3.3	60
51	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
52	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
53	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
54	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

#	ARTICLE	IF	CITATIONS
55	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
56	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
57	Widespread exploitation of the honeybee by early Neolithic farmers. <i>Nature</i> , 2016, 534, S17-S18.	27.8	11
58	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
59	Milking the megafauna: Using organic residue analysis to understand early farming practice. <i>Environmental Archaeology</i> , 2016, 21, 214-229.	1.2	25
60	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
61	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
62	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
63	Engineering soil organic matter quality: Biodiesel Co-Product (BCP) stimulates exudation of nitrogenous microbial biopolymers. <i>Geoderma</i> , 2015, 259-260, 205-212.	5.1	8
64	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
65	Widespread exploitation of the honeybee by early Neolithic farmers. <i>Nature</i> , 2015, 527, 226-230.	27.8	145
66	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
67	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
68	High throughput screening of organic residues in archaeological potsherds using direct acidified methanol extraction. <i>Analytical Methods</i> , 2014, 6, 1330.	2.7	163
69	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
70	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
71	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
72	How long have adult humans been consuming milk?. <i>IUBMB Life</i> , 2013, 65, 983-990.	3.4	34

#	ARTICLE	IF	CITATIONS
73	Earliest evidence for cheese making in the sixth millennium bc in northern Europe. <i>Nature</i> , 2013, 493, 522-525.	27.8	387
74	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
75	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
76	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
77	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. <i>Rapid Communications in Mass Spectrometry</i> , 2012, 26, 1232-1240.	1.5	9
78	First dairying in green Saharan Africa in the fifth millennium bc. <i>Nature</i> , 2012, 486, 390-394.	27.8	314
79	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
80	Horses for the dead: funerary foodways in Bronze Age Kazakhstan. <i>Antiquity</i> , 2011, 85, 116-128.	1.0	55
81	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
82	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
83	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
84	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
85	A new stable isotope approach identifies the fate of ozone in plant-soil systems. <i>New Phytologist</i> , 2009, 182, 85-90.	7.3	11
86	The Earliest Horse Harnessing and Milking. <i>Science</i> , 2009, 323, 1332-1335.	12.6	539
87	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
88	The Ecological implications of a Yakutian mammoth's last meal. <i>Quaternary Research</i> , 2008, 69, 361-376.	1.7	116
89	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
90	Probing dietary change of the KwáDĀ...y DĀn Ts'Ā-nchĀ 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

#	ARTICLE	IF	CITATIONS
91	Experimental approaches to the interpretation of absorbed organic residues in archaeological ceramics. <i>World Archaeology</i> , 2008, 40, 26-47.	1.1	175
92	The Qatna lion: scientific confirmation of Baltic amber in late Bronze Age Syria. <i>Antiquity</i> , 2008, 82, 49-59.	1.0	61
93	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
94	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
95	¹³ C-Labeling of lipids to investigate microbial communities in the environment. <i>Current Opinion in Biotechnology</i> , 2006, 17, 72-82.	6.6	109
96	A novel marine dietary indicator utilising compound-specific bone collagen amino acid ¹³ C values of ancient humans. <i>Journal of Archaeological Science</i> , 2005, 32, 321-330.	2.4	109
97	Direct detection of maize in pottery residues via compound specific stable carbon isotope analysis. <i>Antiquity</i> , 2004, 78, 682-691.	1.0	61
98	Thermally produced ¹³ C-(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
99	Characterisation of "bog butter" using a combination of molecular and isotopic techniques. <i>Analyst, The</i> , 2004, 129, 270-275.	3.5	31
100	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
101	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
102	Chemistry of Archaeological Animal Fats. <i>Accounts of Chemical Research</i> , 2002, 35, 660-668.	15.6	229
103	Regiospecific characterisation of the triacylglycerols in animal fats using high performance liquid chromatography-atmospheric pressure chemical ionisation mass spectrometry. <i>Analyst, The</i> , 2001, 126, 1018-1024.	3.5	107
104	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
105	Practical and theoretical considerations in the gas chromatography/combustion/isotope ratio mass spectrometry ¹³ C analysis of small polyfunctional compounds. <i>Rapid Communications in Mass Spectrometry</i> , 2001, 15, 730-738.	1.5	148
106	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
107	Organic chemistry of embalming agents in Pharaonic and Graeco-Roman mummies. <i>Nature</i> , 2001, 413, 837-841.	27.8	192
108	Processing palm fruits in the Nile Valley - biomolecular evidence from Qasr Ibrim. <i>Antiquity</i> , 2001, 75, 538-542.	1.0	65

#	ARTICLE	IF	CITATIONS
109	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
110	Detection and classification of atmospheric methane oxidizing bacteria in soil. <i>Nature</i> , 2000, 405, 175-178.	27.8	207
111	Title is missing!. <i>Human Ecology</i> , 2000, 28, 415-431.	1.4	12
112	The biomolecular paleontology of continental fossils. <i>Paleobiology</i> , 2000, 26, 169-193.	2.0	30
113	The biomolecular paleontology of continental fossils. <i>Paleobiology</i> , 2000, 26, 169-193.	2.0	68
114	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
115	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
116	Evidence for demethylation of syringyl moieties in archaeological wood using pyrolysis-gas chromatography/mass spectrometry. , 2000, 14, 71.		1
117	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
118	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
119	Purity assessments of major vegetable oils based on $\delta^{13}C$ values of individual fatty acids. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 1998, 75, 371-379.	1.9	54
120	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
121	Direct Demonstration of Milk as an Element of Archaeological Economies. , 1998, 282, 1478-1481.		285
122	Early Diagenetic Transformations of Proteins and Polysaccharides in Archaeological Plant Remains. <i>ACS Symposium Series</i> , 1998, , 113-131.	0.5	16
123	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
124	The Fate of Chitin in Quaternary and Tertiary Strata. <i>ACS Symposium Series</i> , 1998, , 211-224.	0.5	15
125	Fuel for thought? Beeswax in lamps and conical cups from Late Minoan Crete. <i>Antiquity</i> , 1997, 71, 979-985.	1.0	169
126	Preservation of Chitin in 25-Million-Year-Old Fossils. <i>Science</i> , 1997, 276, 1541-1543.	12.6	175

#	ARTICLE	IF	CITATIONS
127	Monitoring the Routing of Dietary and Biosynthesised Lipids Through Compound - Specific Stable Isotope ($\delta^{13}C$) Measurements at Natural Abundance. <i>Die Naturwissenschaften</i> , 1997, 84, 82-86.	1.6	69
128	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
129	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
130	$\delta^{13}C$ Analysis of Cholesterol Preserved in Archaeological Bones and Teeth. <i>Analytical Chemistry</i> , 1996, 68, 4402-4408.	6.5	70
131	Measurement of the turnover of glycogen phosphorylase by GC/MS using stable isotope derivatives of pyridoxine (vitamin B6). <i>Biochemical Journal</i> , 1996, 317, 613-619.	3.7	11
132	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
133	Reaction of proteins with vehicle exhaust soot. <i>Biochemical Society Transactions</i> , 1996, 24, 179S-179S.	3.4	2
134	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
135	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
136	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
137	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
138	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
139	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
140	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
141	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
142	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
143	Hydrogen chemical ionization mass spectrometry of metalloporphyrins. <i>Organic Mass Spectrometry</i> , 1985, 20, 445-453.	1.3	15
144	Compound-specific Stable Isotopes in Organic Residue Analysis in Archaeology. , 0, , 389-432.		4

#	ARTICLE	IF	CITATIONS
145	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
146	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