

Ian D Bull

List of Publications by Year in descending order

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77
papers

4,046
citations

126907

33
h-index

123424

61
g-index

83
all docs

83
docs citations

83
times ranked

4593
citing authors

#	ARTICLE	IF	CITATIONS
1	The origin of faeces by means of biomarker detection. <i>Environment International</i> , 2002, 27, 647-654.	10.0	323
2	Organic geochemical studies of soils from the Rothamsted Classical Experimentsâ€™I. Total lipid extracts, solvent insoluble residues and humic acids from Broadbalk Wilderness. <i>Organic Geochemistry</i> , 1997, 26, 117-135.	1.8	256
3	Organic geochemical studies of soils from the Rothamsted classical experimentsâ€™V. The fate of lipids in different long-term experiments. <i>Organic Geochemistry</i> , 2000, 31, 389-408.	1.8	234
4	Detection and classification of atmospheric methane oxidizing bacteria in soil. <i>Nature</i> , 2000, 405, 175-178.	27.8	207
5	Source apportionment of traffic emissions of particulate matter using tunnel measurements. <i>Atmospheric Environment</i> , 2013, 77, 548-557.	4.1	184
6	Forest contraction in north equatorial Southeast Asia during the Last Glacial Period. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 15508-15511.	7.1	181
7	Organic geochemical studies of soils from the Rothamsted Classical Experimentsâ€™IV. Preliminary results from a study of the effect of soil pH on organic matter decay. <i>Organic Geochemistry</i> , 1998, 29, 1779-1795.	1.8	163
8	The Ecological implications of a Yakutian mammoth's last meal. <i>Quaternary Research</i> , 2008, 69, 361-376.	1.7	116
9	Early Anthropogenic Soil Formation at Tofts Ness, Sanday, Orkney. <i>Journal of Archaeological Science</i> , 1998, 25, 729-746.	2.4	112
10	Organic geochemical studies of soils from the Rothamsted Classical Experimentsâ€™II, Soils from the Hoosfield Spring Barley Experiment treated with different quantities of manure. <i>Organic Geochemistry</i> , 1998, 28, 11-26.	1.8	109
11	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
12	Biomolecular and micromorphological analysis of suspected faecal deposits at Neolithic $\tilde{A}tatalh\tilde{A}y\tilde{A}k$, Turkey. <i>Journal of Archaeological Science</i> , 2011, 38, 1869-1877.	2.4	102
13	Organic geochemical studies of soils from the Rothamsted classical experiments â€™ 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
14	The Application of Steroidal Biomarkers to Track the Abandonment of a Roman Wastewater Course at the Agora (Athens, Greece)*. <i>Archaeometry</i> , 2003, 45, 149-161.	1.3	88
15	Lipid content and carbon assimilation in Collembola: implications for the use of compound-specific carbon isotope analysis in animal dietary studies. <i>Oecologia</i> , 2004, 139, 325-335.	2.0	83
16	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
17	Fatty acid composition and change in Collembola fed differing diets: identification of trophic biomarkers. <i>Soil Biology and Biochemistry</i> , 2005, 37, 1608-1624.	8.8	67
18	Organic geochemical evidence for the origin of ancient anthropogenic soil deposits at Tofts Ness, Sanday, Orkney. <i>Organic Geochemistry</i> , 1999, 30, 535-556.	1.8	64

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19	Mycobacterium tuberculosis Complex Lipid Virulence Factors Preserved in the 17,000-Year-Old Skeleton of an Extinct Bison, <i>Bison antiquus</i> . <i>PLoS ONE</i> , 2012, 7, e41923.	2.5	62
20	Osteological and Biomolecular Evidence of a 7000-Year-Old Case of Hypertrophic Pulmonary Osteopathy Secondary to Tuberculosis from Neolithic Hungary. <i>PLoS ONE</i> , 2013, 8, e78252.	2.5	62
21	Temperature Driven Membrane Lipid Adaptation in Glacial Psychrophilic Bacteria. <i>Frontiers in Microbiology</i> , 2020, 11, 824.	3.5	58
22	Mycological evidence of coprophagy from the feces of an Alaskan Late Glacial mammoth. <i>Quaternary Science Reviews</i> , 2011, 30, 2289-2303.	3.0	56
23	The microstratigraphy of middens: capturing daily routine in rubbish at Neolithic <i>Atlatlh</i> ¼k, Turkey. <i>Antiquity</i> , 2011, 85, 1024-1038.	1.0	53
24	Pre-Clovis occupation of the Americas identified by human fecal biomarkers in coprolites from Paisley Caves, Oregon. <i>Science Advances</i> , 2020, 6, eaba6404.	10.3	53
25	Fossilization of melanosomes via sulfurization. <i>Palaeontology</i> , 2016, 59, 337-350.	2.2	52
26	Collembolan trophic preferences determined using fatty acid distributions and compound-specific stable carbon isotope values. <i>Soil Biology and Biochemistry</i> , 2006, 38, 1275-1281.	8.8	49
27	A migration-driven model for the historical spread of leprosy in medieval Eastern and Central Europe. <i>Infection, Genetics and Evolution</i> , 2015, 31, 250-256.	2.3	48
28	The biochemical transformation of oak (<i>Quercus robur</i>) leaf litter consumed by the pill millipede (<i>Glomeris marginata</i>). <i>Soil Biology and Biochemistry</i> , 2006, 38, 1063-1076.	8.8	43
29	A simple modification of a silicic acid lipid fractionation protocol to eliminate free fatty acids from glycolipid and phospholipid fractions. <i>Journal of Microbiological Methods</i> , 2009, 78, 249-254.	1.6	40
30	Tracking the fate of dung-derived carbohydrates in a temperate grassland soil using compound-specific stable isotope analysis. <i>Organic Geochemistry</i> , 2009, 40, 1210-1218.	1.8	38
31	Archaeol “ a biomarker for foregut fermentation in modern and ancient herbivorous mammals?. <i>Organic Geochemistry</i> , 2010, 41, 467-472.	1.8	38
32	Cretaceous dinosaur bone contains recent organic material and provides an environment conducive to microbial communities. <i>ELife</i> , 2019, 8, .	6.0	38
33	Lipid profiling and analytical discrimination of seven cereals using high temperature gas chromatography coupled to high resolution quadrupole time-of-flight mass spectrometry. <i>Food Chemistry</i> , 2019, 282, 27-35.	8.2	36
34	Interpreting early land management through compound specific stable isotope analyses of archaeological soils. , 1999, 13, 1315-1319.		35
35	7000 year-old tuberculosis cases from Hungary “ Osteological and biomolecular evidence. <i>Tuberculosis</i> , 2015, 95, S13-S17.	1.9	35
36	<sc><i>Saccharomyces cerevisiae</i></sc> Atf1p is an alcohol acetyltransferase and a thioesterase <i>in vitro</i>. <i>Yeast</i> , 2017, 34, 239-251.	1.7	35

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37	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
38	In situ polar organic chemical integrative sampling (POCIS) of steroidal estrogens in sewage treatment works discharge and river water. <i>Journal of Environmental Monitoring</i> , 2011, 13, 1427.	2.1	32
39	Applications of stable isotope ratio mass spectrometry in cattle dung carbon cycling studies. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 495-500.	1.5	31
40	The yeast enzyme Eht1 is an octanoyl-CoA:ethanol acyltransferase that also functions as a thioesterase. <i>Yeast</i> , 2014, 31, 463-474.	1.7	31
41	The effect of diet on isotopic turnover in <i>Collembola</i> examined using the stable carbon isotopic compositions of lipids. <i>Soil Biology and Biochemistry</i> , 2006, 38, 1146-1157.	8.8	29
42	Assessment of archaeol as a molecular proxy for methane production in cattle. <i>Journal of Dairy Science</i> , 2013, 96, 1211-1217.	3.4	28
43	Temperature proxy data and their significance for the understanding of pyroclastic density currents. <i>Geology</i> , 2008, 36, 143.	4.4	27
44	New Research at Paisley Caves: Applying New Integrated Analytical Approaches to Understanding Stratigraphy, Taphonomy, and Site Formation Processes. <i>PaleoAmerica</i> , 2018, 4, 82-86.	1.5	27
45	Identification of a disinterred grave by molecular and stable isotope analysis. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2009, 49, 142-149.	2.1	26
46	Estimating the contribution of <i>Spartina anglica</i> biomass to salt-marsh sediments using compound specific stable carbon isotope measurements. <i>Organic Geochemistry</i> , 1999, 30, 477-483.	1.8	22
47	Parasite infection at the early farming community of Neolithic. <i>Antiquity</i> , 2019, 93, 573-587.	1.0	22
48	Volatile organic compounds (VOCs) allow sensitive differentiation of biological soil quality. <i>Soil Biology and Biochemistry</i> , 2021, 156, 108187.	8.8	22
49	Lipid analysis of a ground sloth coprolite. <i>Quaternary Research</i> , 2009, 72, 284-288.	1.7	18
50	Multiproxy diet analysis of the last meal of an early Holocene Yakutian bison. <i>Journal of Quaternary Science</i> , 2014, 29, 261-268.	2.1	18
51	Younger Dryas and early Holocene subsistence in the northern Great Basin: multiproxy analysis of coprolites from the Paisley Caves, Oregon, USA. <i>Archaeological and Anthropological Sciences</i> , 2020, 12, 1.	1.8	18
52	Stabilisation of soil organic matter in invertebrate faecal pellets through leaf litter grazing. <i>Soil Biology and Biochemistry</i> , 2007, 39, 1202-1205.	8.8	16
53	Intestinal parasites at the Late Bronze Age settlement of Must Farm, in the fens of East Anglia, UK (9th). <i>Tijdschrift voor Archeologie</i> , 2019, 15, 1078-1084.	1.5	15
54	A Protocol for Radiocarbon Dating Tropical Subfossil Cave Guano. <i>Radiocarbon</i> , 2009, 51, 977-986.	1.8	14

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55	Technical note: Comparison of biomarker and molecular biological methods for estimating methanogen abundance ¹ . <i>Journal of Animal Science</i> , 2013, 91, 5724-5728.	0.5	14
56	Characterising life in settlements and structures: Incorporating faecal lipid biomarkers within a multiproxy case study of a wetland village. <i>Journal of Archaeological Science</i> , 2020, 121, 105202.	2.4	14
57	Size Exclusion Chromatography for the Unambiguous Detection of Aliphatics in Fractions from Petroleum Vacuum Residues, Coal Liquids, and Standard Materials, in the Presence of Aromatics. <i>Energy & Fuels</i> , 2006, 20, 1165-1174.	5.1	13
58	Multiproxy study of the last meal of a mid-Holocene Oyogos Yar horse, Sakha Republic, Russia. <i>Holocene</i> , 2014, 24, 1288-1296.	1.7	13
59	Morphological and biomolecular evidence for tuberculosis in 8th century AD skeletons from B��meqyer-Cs��m��ki domb, Hungary. <i>Tuberculosis</i> , 2015, 95, S35-S41.	1.9	13
60	Recovery of high-value bioactive phytochemicals from agro-waste of mango (<i>Mangifera indica</i> L.) using enzyme-assisted ultrasound pretreated extraction. <i>Biomass Conversion and Biorefinery</i> , 0, , 1.	4.6	11
61	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
62	Birch bark tar in early Medieval England �� Continuity of tradition or technological revival?. <i>Journal of Archaeological Science: Reports</i> , 2020, 29, 102118.	0.5	9
63	BIOMOLECULAR INVESTIGATIONS OF FAECAL BIOMARKERS AT SHEIKH-E ABAD AND JANI. , 2013, , 105-116.		9
64	Biomolecular characteristics of an extensive tar layer generated during eruption of the Soufriere Hills volcano, Montserrat, West Indies. <i>Organic Geochemistry</i> , 2008, 39, 1372-1383.	1.8	8
65	A method for the simultaneous extraction of seven pesticides from soil and sediment. <i>Analytical Methods</i> , 2013, 5, 2053.	2.7	8
66	Archaeological science and object biography: a Roman bronze lamp from Kavastu bog (Estonia). <i>Antiquity</i> , 2017, 91, 124-138.	1.0	8
67	Roman impact on the landscape near castellum Fectio, The Netherlands. <i>Vegetation History and Archaeobotany</i> , 2014, 23, 277-298.	2.1	7
68	Radiocarbon Dating Wooden Carvings and Skeletal Remains from Pitch Lake, Trinidad. <i>Radiocarbon</i> , 2017, 59, 1447-1461.	1.8	7
69	Changes in the ratio of tetraether to diether lipids in cattle feces in response to altered dietary ratio of grass silage and concentrates ¹ . <i>Journal of Animal Science</i> , 2014, 92, 4095-4098.	0.5	6
70	Cell membrane fatty acid and pigment composition of the psychrotolerant cyanobacterium <i>Nodularia spumigena</i> CHS1 isolated from Hopar glacier, Pakistan. <i>Extremophiles</i> , 2020, 24, 135-145.	2.3	6
71	Determination of the ² H values of high molecular weight lipids by high��temperature gas chromatography coupled to isotope ratio mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e8983.	1.5	5
72	East-central Florida pre-Columbian wood sculpture: Radiocarbon dating, wood identification and strontium isotope studies. <i>Journal of Archaeological Science: Reports</i> , 2017, 13, 595-608.	0.5	4

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73	Early Neolithic Agriculture in County Mayo, Republic of Ireland: Geoarchaeology of the CĂ©ide Fields, Belderrig, and Rathlackan. <i>Journal of the North Atlantic</i> , 2016, 15, 1-32.	0.4	3
74	Intestinal parasites in the Neolithic population who built Stonehenge (Durrington Walls, 2500 BCE). <i>Parasitology</i> , 2022, 149, 1027-1033.	1.5	3
75	Further Biochemical Profiling of <i>Hypholoma fasciculare</i> Metabolome Reveals Its Chemogenetic Diversity. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 567384.	4.1	1
76	Erratum to "Assessment of archaeol as a molecular proxy for methane production in cattle" (J. Dairy Sci. 2019, 102, 10000) [Overlock et al. 2019]. <i>Journal of Dairy Science</i> , 2020, 103, 10000.	3.4	0
77	Dark materials: Pre-Columbian black lithic carvings from St Vincent and the wider Caribbean. <i>Journal of Archaeological Science: Reports</i> , 2020, 32, 102393.	0.5	0