

# Ian D Bull

## List of Publications by Year in descending order

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77  
papers

4,046  
citations

145106

33  
h-index

139680

61  
g-index

83  
all docs

83  
docs citations

83  
times ranked

5099  
citing authors

#	ARTICLE	IF	CITATIONS
1	Intestinal parasites in the Neolithic population who built Stonehenge (Durrington Walls, 2500 BCE). <i>Parasitology</i> , 2022, 149, 1027-1033.	0.7	3
2	Determination of the $\delta^{13}C$ 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.	0.7	5
3	Volatile organic compounds (VOCs) allow sensitive differentiation of biological soil quality. <i>Soil Biology and Biochemistry</i> , 2021, 156, 108187.	4.2	22
4	Further Biochemical Profiling of <i>Hypholoma fasciculare</i> Metabolome Reveals Its Chemogenetic Diversity. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 567384.	2.0	1
5	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.	0.9	6
6	Birch bark tar in early Medieval England – Continuity of tradition or technological revival?. <i>Journal of Archaeological Science: Reports</i> , 2020, 29, 102118.	0.2	9
7	Pre-Clovis occupation of the Americas identified by human fecal biomarkers in coprolites from Paisley Caves, Oregon. <i>Science Advances</i> , 2020, 6, eaba6404.	4.7	53
8	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.	1.2	14
9	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.	0.7	18
10	Dark materials: Pre-Columbian black lithic carvings from St Vincent and the wider Caribbean. <i>Journal of Archaeological Science: Reports</i> , 2020, 32, 102393.	0.2	0
11	Temperature Driven Membrane Lipid Adaptation in Glacial Psychrophilic Bacteria. <i>Frontiers in Microbiology</i> , 2020, 11, 824.	1.5	58
12	Intestinal parasites at the Late Bronze Age settlement of Must Farm, in the fens of East Anglia, UK (9th Tj ETQq0 0.0,rgBT /Overlock 10	0.7	15
13	Parasite infection at the early farming community of <i>Atlatl</i> . <i>Antiquity</i> , 2019, 93, 573-587.	0.5	22
14	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.	4.2	36
15	Cretaceous dinosaur bone contains recent organic material and provides an environment conducive to microbial communities. <i>ELife</i> , 2019, 8, .	2.8	38
16	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.	0.4	27
17	<i>Saccharomyces cerevisiae</i> Atf1p is an alcohol acetyltransferase and a thioesterase <i>in vitro</i> . <i>Yeast</i> , 2017, 34, 239-251.	0.8	35
18	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.	0.2	4

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19	Radiocarbon Dating Wooden Carvings and Skeletal Remains from Pitch Lake, Trinidad. <i>Radiocarbon</i> , 2017, 59, 1447-1461.	0.8	7
20	Archaeological science and object biography: a Roman bronze lamp from Kavastu bog (Estonia). <i>Antiquity</i> , 2017, 91, 124-138.	0.5	8
21	Fossilization of melanosomes via sulfurization. <i>Palaeontology</i> , 2016, 59, 337-350.	1.0	52
22	Early Neolithic Agriculture in County Mayo, Republic of Ireland: Geoarchaeology of the Cŕide Fields, Belderrig, and Rathlackan. <i>Journal of the North Atlantic</i> , 2016, 15, 1-32.	0.4	3
23	Morphological and biomolecular evidence for tuberculosis in 8th century AD skeletons from Bŕimegyer-Csŕmŕki domb, Hungary. <i>Tuberculosis</i> , 2015, 95, S35-S41.	0.8	13
24	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.	1.0	48
25	7000 year-old tuberculosis cases from Hungary ŕ Osteological and biomolecular evidence. <i>Tuberculosis</i> , 2015, 95, S13-S17.	0.8	35
26	The yeast enzyme Eht1 is an octanoylŕCoA:ethanol acyltransferase that also functions as a thioesterase. <i>Yeast</i> , 2014, 31, 463-474.	0.8	31
27	Changes in the ratio of tetraether to diether lipids in cattle feces in response to altered dietary ratio of grass silage and concentrates1. <i>Journal of Animal Science</i> , 2014, 92, 4095-4098.	0.2	6
28	Multiproxy study of the last meal of a mid-Holocene Oyogos Yar horse, Sakha Republic, Russia. <i>Holocene</i> , 2014, 24, 1288-1296.	0.9	13
29	Multiproxy diet analysis of the last meal of an early Holocene Yakutian bison. <i>Journal of Quaternary Science</i> , 2014, 29, 261-268.	1.1	18
30	Roman impact on the landscape near castellum Fectio, The Netherlands. <i>Vegetation History and Archaeobotany</i> , 2014, 23, 277-298.	1.0	7
31	Assessment of archaeol as a molecular proxy for methane production in cattle. <i>Journal of Dairy Science</i> , 2013, 96, 1211-1217.	1.4	28
32	Erratum to ŕAssessment of archaeol as a molecular proxy for methane production in cattleŕ ( <i>J. Dairy Sci.</i> ) Tj ETQq0,0,0 rgBT (Overlock 1	1.4	0
33	A method for the simultaneous extraction of seven pesticides from soil and sediment. <i>Analytical Methods</i> , 2013, 5, 2053.	1.3	8
34	Source apportionment of traffic emissions of particulate matter using tunnel measurements. <i>Atmospheric Environment</i> , 2013, 77, 548-557.	1.9	184
35	Technical note: Comparison of biomarker and molecular biological methods for estimating methanogen abundance1. <i>Journal of Animal Science</i> , 2013, 91, 5724-5728.	0.2	14
36	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.	1.1	62

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37	BIOMOLECULAR INVESTIGATIONS OF FAECAL BIOMARKERS AT SHEIKH-E ABAD AND JANİ. , 2013, , 105-116.		9
38	Mycobacterium tuberculosis Complex Lipid Virulence Factors Preserved in the 17,000-Year-Old Skeleton of an Extinct Bison, <i>Bison antiquus</i> . PLoS ONE, 2012, 7, e41923.	1.1	62
39	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.	0.7	9
40	Biomolecular and micromorphological analysis of suspected faecal deposits at Neolithic Aatalhy¼k, Turkey. Journal of Archaeological Science, 2011, 38, 1869-1877.	1.2	102
41	Mycological evidence of coprophagy from the feces of an Alaskan Late Glacial mammoth. Quaternary Science Reviews, 2011, 30, 2289-2303.	1.4	56
42	In situ polar organic chemical integrative sampling (POCIS) of steroidal estrogens in sewage treatment works discharge and river water. Journal of Environmental Monitoring, 2011, 13, 1427.	2.1	32
43	Gas chromatographic mass spectrometric detection of dihydroxy fatty acids preserved in the "bound" phase of organic residues of archaeological pottery vessels. Rapid Communications in Mass Spectrometry, 2011, 25, 1893-1898.	0.7	34
44	The microstratigraphy of middens: capturing daily routine in rubbish at Neolithic Aatalhy¼k, Turkey. Antiquity, 2011, 85, 1024-1038.	0.5	53
45	Applications of stable isotope ratio mass spectrometry in cattle dung carbon cycling studies. Rapid Communications in Mass Spectrometry, 2010, 24, 495-500.	0.7	31
46	Archaeol " a biomarker for foregut fermentation in modern and ancient herbivorous mammals?. Organic Geochemistry, 2010, 41, 467-472.	0.9	38
47	Forest contraction in north equatorial Southeast Asia during the Last Glacial Period. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 15508-15511.	3.3	181
48	A Protocol for Radiocarbon Dating Tropical Subfossil Cave Guano. Radiocarbon, 2009, 51, 977-986.	0.8	14
49	Lipid analysis of a ground sloth coprolite. Quaternary Research, 2009, 72, 284-288.	1.0	18
50	Identification of a disinterred grave by molecular and stable isotope analysis. Science and Justice - Journal of the Forensic Science Society, 2009, 49, 142-149.	1.3	26
51	Tracking the fate of dung-derived carbohydrates in a temperate grassland soil using compound-specific stable isotope analysis. Organic Geochemistry, 2009, 40, 1210-1218.	0.9	38
52	A simple modification of a silicic acid lipid fractionation protocol to eliminate free fatty acids from glycolipid and phospholipid fractions. Journal of Microbiological Methods, 2009, 78, 249-254.	0.7	40
53	The Ecological implications of a Yakutian mammoth's last meal. Quaternary Research, 2008, 69, 361-376.	1.0	116
54	Biomolecular characteristics of an extensive tar layer generated during eruption of the Soufriere Hills volcano, Montserrat, West Indies. Organic Geochemistry, 2008, 39, 1372-1383.	0.9	8

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55	Temperature proxy data and their significance for the understanding of pyroclastic density currents. <i>Geology</i> , 2008, 36, 143.	2.0	27
56	Stabilisation of soil organic matter in invertebrate faecal pellets through leaf litter grazing. <i>Soil Biology and Biochemistry</i> , 2007, 39, 1202-1205.	4.2	16
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 &amp; Fuels</i> , 2006, 20, 1165-1174.	2.5	13
58	<sup>13</sup> C-Labeling of lipids to investigate microbial communities in the environment. <i>Current Opinion in Biotechnology</i> , 2006, 17, 72-82.	3.3	109
59	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.	4.2	43
60	The effect of diet on isotopic turnover in Collembola examined using the stable carbon isotopic compositions of lipids. <i>Soil Biology and Biochemistry</i> , 2006, 38, 1146-1157.	4.2	29
61	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.	4.2	49
62	Fatty acid composition and change in Collembola fed differing diets: identification of trophic biomarkers. <i>Soil Biology and Biochemistry</i> , 2005, 37, 1608-1624.	4.2	67
63	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.	0.9	83
64	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.	0.6	88
65	The origin of faeces by means of biomarker detection. <i>Environment International</i> , 2002, 27, 647-654.	4.8	323
66	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.	0.7	69
67	Detection and classification of atmospheric methane oxidizing bacteria in soil. <i>Nature</i> , 2000, 405, 175-178.	13.7	207
68	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.	0.9	234
69	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.	4.2	99
70	Interpreting early land management through compound specific stable isotope analyses of archaeological soils. , 1999, 13, 1315-1319.		35
71	Organic geochemical evidence for the origin of ancient anthropogenic soil deposits at Tofts Ness, Sanday, Orkney. <i>Organic Geochemistry</i> , 1999, 30, 535-556.	0.9	64
72	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.	0.9	22

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73	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.	0.9	109
74	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.	0.9	163
75	Early Anthropogenic Soil Formation at Tofts Ness, Sanday, Orkney. <i>Journal of Archaeological Science</i> , 1998, 25, 729-746.	1.2	112
76	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.	0.9	256
77	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.	2.9	11