

Ian Moffat

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

702
citations

687220

13
h-index

610775

24
g-index

61
all docs

61
docs citations

61
times ranked

911
citing authors

#	ARTICLE	IF	CITATIONS
1	Mapping of bioavailable strontium isotope ratios in France for archaeological provenance studies. <i>Applied Geochemistry</i> , 2018, 90, 75-86.	1.4	109
2	The IRHUM (Isotopic Reconstruction of Human Migration) database – bioavailable strontium isotope ratios for geochemical fingerprinting in France. <i>Earth System Science Data</i> , 2014, 6, 117-122.	3.7	60
3	Elemental signatures of <i>Australopithecus africanus</i> teeth reveal seasonal dietary stress. <i>Nature</i> , 2019, 572, 112-115.	13.7	48
4	In situ oxygen isotope micro-analysis of faunal material and human teeth using a SHRIMP II: a new tool for palaeo-ecology and archaeology. <i>Journal of Archaeological Science</i> , 2012, 39, 3184-3194.	1.2	42
5	Sampling Plants and Malacofauna in ⁸⁷ Sr/ ⁸⁶ Sr Bioavailability Studies: Implications for Isoscape Mapping and Reconstructing of Past Mobility Patterns. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	1.1	38
6	Fish otolith geochemistry, environmental conditions and human occupation at Lake Mungo, Australia. <i>Quaternary Science Reviews</i> , 2014, 88, 82-95.	1.4	33
7	Archaeological investigations in the shallow seawater environment with electrical resistivity tomography. <i>Near Surface Geophysics</i> , 2015, 13, 601-611.	0.6	28
8	Geochronology and evolution of a complex barrier, Younghusband Peninsula, South Australia. <i>Geomorphology</i> , 2020, 354, 107044.	1.1	22
9	Locating places for repatriated burial: a case study from Ngarrindjeri, South Australia. <i>Antiquity</i> , 2008, 82, 750-760.	0.5	19
10	Pursuing Social Justice Through Collaborative Archaeologies in Aboriginal Australia. <i>Archaeologies</i> , 2019, 15, 536-569.	0.3	19
11	Environmental influences on human innovation and behavioural diversity in southern Africa 92,000 years ago. <i>Nature Ecology and Evolution</i> , 2022, 6, 361-369.	3.4	19
12	Using Ground Penetrating Radar and Resistivity Methods to Locate Unmarked Graves: A Review. <i>Remote Sensing</i> , 2021, 13, 2880.	1.8	18
13	Geomatic techniques in forensic science: A review. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2020, 60, 99-107.	1.3	17
14	3D Mapping of the Submerged Crowie Barge Using Electrical Resistivity Tomography. <i>International Journal of Geophysics</i> , 2018, 2018, 1-11.	0.4	15
15	A Regional Approach to Ancient Urban Studies in Greece Through Multi-Settlement Geophysical Survey. <i>Journal of Field Archaeology</i> , 2017, 42, 450-467.	0.7	14
16	Geophysical prospection for late Holocene burials in coastal environments: Possibilities and problems from a pilot study in South Australia. <i>Geoarchaeology - an International Journal</i> , 2010, 25, 645-665.	0.7	13
17	Trialing Geophysical Techniques in the Identification of Open Indigenous Sites in Australia: A Case Study from Inland Northwest Queensland. <i>Australian Archaeology</i> , 2008, 66, 60-63.	0.3	11
18	KEVEOKI 1: Exploring the Hiri Ceramics Trade at a Short-Lived Village Site near the Vailala River, Papua New Guinea. <i>Australian Archaeology</i> , 2009, 68, 11-27.	0.3	10

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19	Gledswood Shelter 1: Initial Radiocarbon Dates from a Pleistocene Aged Rockshelter Site in Northwest Queensland. <i>Australian Archaeology</i> , 2009, 69, 71-74.	0.3	10
20	Mapping anthropogenic fill with GPR for unmarked grave detection: a case study from a possible location of Mokare's grave, Albany, Western Australia. <i>Exploration Geophysics</i> , 2011, 42, 249-257.	0.5	10
21	An Introduction to Geophysical and Geochemical Methods in Digital Geoarchaeology. <i>Natural Science in Archaeology</i> , 2018, , 215-236.	0.7	9
22	Indigenous built structures and anthropogenic impacts on the stratigraphy of Northern Australian rockshelters: insights from Malarrak 1, north western Arnhem Land. <i>Australian Archaeology</i> , 2018, 84, 3-18.	0.3	9
23	How do we distinguish termite stone lines from artefact horizons? A challenge for geoarchaeology in tropical Australia. <i>Geoarchaeology - an International Journal</i> , 2020, 35, 232-242.	0.7	9
24	They call it Crowie: an investigation of the Aboriginal significance attributed to a wrecked River Murray barge in South Australia. <i>International Journal of Nautical Archaeology</i> , 2017, 46, 132-148.	0.1	8
25	A geophysical analysis of Aboriginal earth mounds in the Murray River Valley, South Australia. <i>Archaeological Prospection</i> , 2019, 26, 313-323.	1.1	8
26	Reconstructing rock art chronology with transfer learning: A case study from Arnhem Land, Australia. <i>Australian Archaeology</i> , 2021, 87, 115-126.	0.3	8
27	THE SOIL SCIENCE & ARCHAEO-GEOPHYSICS ALLIANCE (SAGA): going beyond prospection. <i>Research Ideas and Outcomes</i> , 0, 4, .	1.0	8
28	A late Pleistocene to Holocene archaeological record from East Kalimantan, Borneo. <i>Quaternary Science Reviews</i> , 2022, 277, 107313.	1.4	8
29	Dating painted Panel E1 at Nawarla Gabarnmang, central-western Arnhem Land plateau. , 2017, , .		7
30	Bioavailable soil and rock strontium isotope data from Israel. <i>Earth System Science Data</i> , 2020, 12, 3641-3652.	3.7	7
31	Evidence for the breakdown of an Angkorian hydraulic system, and its historical implications for understanding the Khmer Empire. <i>Journal of Archaeological Science: Reports</i> , 2018, 17, 195-211.	0.2	6
32	Mapping unmarked graves with Ground Penetrating Radar at the Walkerville Wesleyan Cemetery, Adelaide. <i>Australian Archaeology</i> , 2020, 86, 57-62.	0.3	6
33	Determining the age of paintings at JSARN 113/23, Jawoyn Country, central-western Arnhem Land plateau. , 2017, , .		6
34	Ambient temperature and relative humidity-based drift correction in frequency domain electromagnetics using machine learning. <i>Near Surface Geophysics</i> , 2021, 19, 541-556.	0.6	5
35	Invasion, retaliation, concealment and silences at Dead Man's Flat, South Australia: A consideration of the historical, archaeological and geophysical evidence of frontier conflict. <i>Transactions of the Royal Society of South Australia</i> , 2021, 145, 194-217.	0.1	5
36	Aboriginal earth mounds of the Calperum Floodplain (Murray Darling Basin, South Australia): New radiocarbon dates, sediment analyses and syntheses, and implications for behavioural change. <i>Holocene</i> , 0, , 095968362210959.	0.9	5

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37	The Upihoi Find: Wrecked Wooden Bevaia (Lagatoi) Hulls of Epemeavo Village, Gulf Province, Papua New Guinea. <i>Australian Archaeology</i> , 2008, 66, 1-14.	0.3	4
38	Who's been using my burial mound? Radiocarbon dating and isotopic tracing of human diet and mobility at the collective burial site, Le Tumulus des Sables, southwest France. <i>Journal of Archaeological Science: Reports</i> , 2019, 24, 955-966.	0.2	4
39	Using ground penetrating radar to understand the failure of the Koh Ker Reservoir, Northern Cambodia. <i>Geoarchaeology - an International Journal</i> , 2020, 35, 63-71.	0.7	4
40	Archaeology of JSARNâ€™124 site 3, central-western Arnhem Land: Determining the age of the so-called â€™Genyornisâ€™ painting. , 2017, , .		4
41	Letter to the editors on termite stone lines. <i>Geoarchaeology - an International Journal</i> , 2021, 36, 363-365.	0.7	3
42	SPATIALLY RESOLVED LA-MC-ICPMS STRONTIUM ISOTOPE MICROANALYSIS OF ARCHAEOLOGICAL FAUNA. <i>Palaeos</i> , 2012, 27, 667-670.	0.6	2
43	Multi-scaler 3D modelling to reconstruct an experiential landscape: An example from a worker's cottage at Mount Dutton Bay, South Australia. <i>Journal of Archaeological Science: Reports</i> , 2019, 23, 478-489.	0.2	2
44	More than an Offender Location Tool: Geographic Profiling and Body Deposition Sites. <i>Journal of Police and Criminal Psychology</i> , 0, , 1.	1.2	2
45	Archaeology of rock art at Dalakngalarr 1, central-western Arnhem Land. , 2017, , .		2
46	Magnetometer surveys in archaeological research in Papua New Guinea: Keveoki 1, Gulf Province. <i>Archaeology in Oceania</i> , 2011, 46, 17-22.	0.3	1
47	Thermal behaviour of organic radicals and paramagnetic centres in chert: A case study of Bergeracois brown chert, Dordogne, France. <i>Quaternary Geochronology</i> , 2014, 23, 26-34.	0.6	1
48	Baseline bioavailable strontium and oxygen isotope mapping of the Adelaide Region, South Australia. <i>Journal of Archaeological Science: Reports</i> , 2020, 34, 102614.	0.2	1
49	Reconstruction of the late first millennium AD harbor site of Sembiran and analysis of its tradeware. <i>Journal of Island and Coastal Archaeology</i> , 2022, 17, 152-169.	0.6	1
50	Deciphering a Timeline of Demise at Medieval Angkor, Cambodia Using Remote Sensing. <i>Remote Sensing</i> , 2021, 13, 2094.	1.8	1
51	â€™Do dead men tell no tales?â€™™ The geographic origin of a colonial period Anglican cemetery population in Adelaide, South Australia, determined by isotope analyses. <i>Australian Archaeology</i> , 2022, 88, 144-158.	0.3	1
52	Strontium Isotope Tracing of Migrations in the Levant. <i>Quaternary International</i> , 2012, 279-280, 331.	0.7	0
53	Environmental geophysics. <i>Preview</i> , 2016, 2016, 34-35.	0.0	0
54	Resolving Dimensions: A Comparison Between ERT Imaging and 3D Modelling of the Barge Crowie, South Australia. <i>Coastal Research Library</i> , 2019, , 175-186.	0.2	0