

Tim M Mighall

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,139
citations

394421

19
h-index

395702

33
g-index

45
all docs

45
docs citations

45
times ranked

1272
citing authors

#	ARTICLE	IF	CITATIONS
1	Proxy climate and vegetation changes during the last five millennia in NW Iberia: Pollen and non-pollen palynomorph data from two ombrotrophic peat bogs in the North Western Iberian Peninsula. <i>Review of Palaeobotany and Palynology</i> , 2006, 141, 203-223.	1.5	105
2	Geochemical evidence for atmospheric pollution derived from prehistoric copper mining at Copa Hill, Cwmystwyth, mid-Wales, UK. <i>Science of the Total Environment</i> , 2002, 292, 69-80.	8.0	90
3	Linking changes in atmospheric dust deposition, vegetation change and human activities in northwest Spain during the last 5300 years. <i>Holocene</i> , 2005, 15, 698-706.	1.7	86
4	Early atmospheric metal pollution provides evidence for Chalcolithic/Bronze Age mining and metallurgy in Southwestern Europe. <i>Science of the Total Environment</i> , 2016, 545-546, 398-406.	8.0	71
5	Ancient copper and lead pollution records from a raised bog complex in Central Wales, UK. <i>Journal of Archaeological Science</i> , 2009, 36, 1504-1515.	2.4	70
6	Five thousand years of atmospheric Ni, Zn, As, and Cd deposition recorded in bogs from NW Iberia: prehistoric and historic anthropogenic contributions. <i>Journal of Archaeological Science</i> , 2013, 40, 764-777.	2.4	60
7	Atmospheric Pb pollution in N Iberia during the late Iron Age/Roman times reconstructed using the high-resolution record of La Molina mire (Asturias, Spain). <i>Journal of Paleolimnology</i> , 2013, 50, 71-86.	1.6	51
8	Climate-driven enrichment of pollutants in peatlands. <i>Biogeosciences</i> , 2007, 4, 905-911.	3.3	49
9	An integrated geochemical and palynological study of human impacts, soil erosion and storminess from southern Greenland since c. AD 1000. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 295, 19-30.	2.3	42
10	Reconstructing the impact of human activities in a NW Iberian Roman mining landscape for the last 2500 years. <i>Journal of Archaeological Science</i> , 2014, 50, 208-218.	2.4	38
11	A 3300-year atmospheric metal contamination record from Raeburn Flow raised bog, south west Scotland. <i>Journal of Archaeological Science</i> , 2014, 44, 1-11.	2.4	36
12	An integrated lake-catchment approach for determining sediment source changes at Aqualate Mere, Central England. <i>Journal of Paleolimnology</i> , 2009, 42, 215-232.	1.6	28
13	Human bones tell the story of atmospheric mercury and lead exposure at the edge of Roman World. <i>Science of the Total Environment</i> , 2020, 710, 136319.	8.0	28
14	A Palaeoenvironmental Investigation of Sediments from the Prehistoric Mine of Copa Hill, Cwmystwyth, mid-Wales. <i>Journal of Archaeological Science</i> , 2002, 29, 1161-1188.	2.4	25
15	Anthropogenic Forcings on the Surficial Osmium Cycle. <i>Environmental Science & Technology</i> , 2010, 44, 881-887.	10.0	23
16	Using mineral magnetism to characterise ironworking and to detect its evidence in peat bogs. <i>Journal of Archaeological Science</i> , 2009, 36, 130-139.	2.4	22
17	Influence of climate change and human activities on the organic and inorganic composition of peat during the "Little Ice Age" (El Payo mire, W Spain). <i>Holocene</i> , 2016, 26, 1290-1303.	1.7	21
18	Early Ironworking and its Impact on the Environment: Palaeoecological Evidence from Bryn y Castell Hillfort, Snowdonia, North Wales. <i>Proceedings of the Prehistoric Society, London</i> , 1997, 63, 199-219.	0.7	20

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19	Vegetation change during the Mesolithic and Neolithic on the Mizen Peninsula, Co. Cork, south-west Ireland. <i>Vegetation History and Archaeobotany</i> , 2008, 17, 617-628.	2.1	20
20	Industrial-era lead and mercury contamination in southern Greenland implicates North American sources. <i>Science of the Total Environment</i> , 2018, 613-614, 919-930.	8.0	20
21	The environmental impact of prehistoric mining at Copa Hill, Cwmystwyth, Wales. <i>Holocene</i> , 1993, 3, 260-264.	1.7	19
22	Environmental Stress and Landscape Recovery in a Semi-Arid Area, The Karoo, South Africa. <i>Scottish Geographical Journal</i> , 2010, 126, 64-75.	1.1	19
23	Climate changes, lead pollution and soil erosion in south Greenland over the past 700 years. <i>Quaternary Research</i> , 2015, 84, 159-173.	1.7	19
24	Investigating molecular changes in organic matter composition in two Holocene lake sediment records from central Sweden using pyrolysis-GC/MS. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 1423-1438.	3.0	19
25	RECONSTRUCTING RECENT LAND DEGRADATION IN THE SEMI-ARID KAROO OF SOUTH AFRICA: A PALAEOECOLOGICAL STUDY AT COMPASSBERG, EASTERN CAPE. <i>Land Degradation and Development</i> , 2012, 23, 523-533.	3.9	17
26	Holocene atmospheric dust deposition in NW Spain. <i>Holocene</i> , 2020, 30, 507-518.	1.7	17
27	Holocene relative sea level changes in a glacio-isostatic area: New data from south-west Scotland, United Kingdom. <i>Marine Geology</i> , 2007, 242, 5-26.	2.1	16
28	Did prehistoric and Roman mining and metallurgy have a significant impact on vegetation?. <i>Journal of Archaeological Science: Reports</i> , 2017, 11, 613-625.	0.5	16
29	The complementary power of pH and lake-water organic carbon reconstructions for discerning the influences on surface waters across decadal to millennial time scales. <i>Biogeosciences</i> , 2011, 8, 2717-2727.	3.3	15
30	Identifying evidence for past mining and metallurgy from a record of metal contamination preserved in an ombrotrophic mire near Leadhills, SW Scotland, UK. <i>Holocene</i> , 2014, 24, 1719-1730.	1.7	14
31	A Record of Atmospheric Pollution and Vegetation Change as Recorded in Three Peat Bogs from the Northern Pennines Pb-Zn Orefield. <i>Environmental Archaeology</i> , 2004, 9, 13-38.	1.2	13
32	Holocene relative sea-level change in the lower Nith valley and estuary. <i>Scottish Journal of Geology</i> , 2003, 39, 97-120.	0.1	11
33	The Environmental Context and Function of Burnt-Mounds: New Studies of Irish <i>Fulachta Fiaidh</i> . <i>Proceedings of the Prehistoric Society, London</i> , 2016, 82, 259-290.	0.7	9
34	Comment on: "A novel approach to peatlands as archives of total cumulative spatial pollution loads from atmospheric deposition of airborne elements complementary to EMEP data: Priority pollutants (Pb, Cd, Hg)" by Ewa Miszczak, Sebastian Stefaniak, Adam Michczyński, Eiliv Steinnes and Irena Twardowska. <i>Science of the Total Environment</i> , 2020, 737, 138699.	8.0	8
35	Long-term development and trajectories of inferred lake-water organic carbon and pH in naturally acidic boreal lakes. <i>Limnology and Oceanography</i> , 2021, 66, 2408-2422.	3.1	6
36	A Palaeoenvironmental Investigation of Two Prehistoric Burnt Mound Sites in Northern Ireland. <i>Geoarchaeology - an International Journal</i> , 2016, 31, 506-529.	1.5	4

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37	Settlement, landscape and land-use change at a Pictish Elite Centre: Assessing the palaeoecological record for economic continuity and social change at Rhyrie in NE Scotland. <i>Holocene</i> , 2021, 31, 897-914.	1.7	3
38	Deglaciation and neotectonics in SE Raasay, Scottish Inner Hebrides. <i>Scottish Journal of Geology</i> , 2021, 57, .	0.1	3
39	Vegetation Changes and Woodland Management Associated with a Prehistoric to Medieval Burnt Mound Complex at Ballygawley, Northern Ireland. <i>Environmental Archaeology</i> , 2018, 23, 267-285.	1.2	2
40	Copper Mining in the Bronze Age at Mynydd Parys, Anglesey, Wales. <i>Proceedings of the Prehistoric Society</i> , London, 0, , 1-31.	0.7	2
41	Identifying Social Transformations and Crisis during the Pre-Monastic to Post-Viking era on Iona: New Insights from a Palynological and Palaeoentomological Perspective. <i>Environmental Archaeology</i> , 2020, , 1-25.	1.2	1
42	Lake and crannog: A 2500-year palaeoenvironmental record of continuity and change in NE Scotland. <i>Quaternary Science Reviews</i> , 2022, 285, 107532.	3.0	1
43	Palaeoecological research in the Department of Geography and Environment, University of Aberdeen. <i>Scottish Geographical Journal</i> , 2019, 135, 287-315.	1.1	0
44	Later Prehistoric and Norse Communities in the Northern Isles: Multi-Proxy Environmental Investigations on Orkney. <i>Environmental Archaeology</i> , 2020, , 1-22.	1.2	0
45	Environmental Challenges for the Medieval North Atlantic World. <i>Environmental Archaeology</i> , 2022, 27, 123-126.	1.2	0