

# John Grattan

## List of Publications by Year in descending order

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46  
papers

1,660  
citations

236925

25  
h-index

289244

40  
g-index

50  
all docs

50  
docs citations

50  
times ranked

1207  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ethno-geochemical and Phytolith Studies of Activity Related Patterns: A Case Study from Al Maâ™tan, Jordan. <i>Environmental Archaeology</i> , 2017, 22, 412-433.	1.2	7
2	The first polluted river? Repeated copper contamination of fluvial sediments associated with Late Neolithic human activity in southern Jordan. <i>Science of the Total Environment</i> , 2016, 573, 247-257.	8.0	16
3	Volcanic Gases: Silent Killers. <i>Advances in Volcanology</i> , 2015, , 65-83.	1.1	7
4	The geoarchaeology of "waste heaps" from the ancient mining and beneficiation of copper-rich ores in the Wadi Khalid in southern Jordan. <i>Journal of Archaeological Science</i> , 2014, 46, 428-433.	2.4	12
5	Sedimentary metal-pollution signatures adjacent to the ancient centre of copper metallurgy at Khirbet Faynan in the desert of southern Jordan. <i>Journal of Archaeological Science</i> , 2013, 40, 3834-3853.	2.4	16
6	Condemned to metallum? The origin and role of 4th-6th century A.D. Phaeno mining camps residents using multiple chemical techniques. <i>Journal of Archaeological Science</i> , 2011, 38, 558-569.	2.4	22
7	The local and global dimensions of metalliferous pollution derived from a reconstruction of an eight thousand year record of copper smelting and mining at a desert-mountain frontier in southern Jordan. <i>Journal of Archaeological Science</i> , 2007, 34, 83-110.	2.4	66
8	Aspects of Armageddon: An exploration of the role of volcanic eruptions in human history and civilization. <i>Quaternary International</i> , 2006, 151, 10-18.	1.5	59
9	Pollution and paradigms: lessons from Icelandic volcanism for continental flood basalt studies. <i>Lithos</i> , 2005, 79, 343-353.	1.4	33
10	Analyses of patterns of copper and lead mineralization in human skeletons excavated from an ancient mining and smelting centre in the Jordanian desert: a reconnaissance study. <i>Mineralogical Magazine</i> , 2005, 69, 653-666.	1.4	27
11	Volcanic air pollution and mortality in France 1783-1784. <i>Comptes Rendus - Geoscience</i> , 2005, 337, 641-651.	1.2	46
12	The potential risk from 222radon posed to archaeologists and earth scientists: reconnaissance study of radon concentrations, excavations, and archaeological shelters in the Great Cave of Niah, Sarawak, Malaysia. <i>Ecotoxicology and Environmental Safety</i> , 2005, 60, 213-227.	6.0	14
13	The heavy metal content of skeletons from an ancient metalliferous polluted area in southern Jordan with particular reference to bioaccumulation and human health. <i>Ecotoxicology and Environmental Safety</i> , 2005, 60, 295-300.	6.0	45
14	Early-Holocene environments in the Wadi Faynan, Jordan. <i>Holocene</i> , 2004, 14, 921-930.	1.7	57
15	Radon and "King Solomon's Miners": Faynan Orefield, Jordanian Desert. <i>Science of the Total Environment</i> , 2004, 319, 99-113.	8.0	16
16	Identifying the sources and timing of ancient and medieval atmospheric lead pollution in England using a peat profile from Lindow bog, Manchester. <i>Journal of Environmental Monitoring</i> , 2004, 6, 502-510.	2.1	119
17	Quaternary palaeogeomorphologic evolution of the Wadi Faynan area, southern Jordan. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2004, 205, 131-154.	2.3	48
18	Modern Bedouin exposures to copper contamination: an imperial legacy?. <i>Ecotoxicology and Environmental Safety</i> , 2003, 55, 108-115.	6.0	26

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19	Illness and elevated human mortality in Europe coincident with the Laki Fissure eruption. Geological Society Special Publication, 2003, 213, 401-414.	1.3	40
20	“Death... more desirable than life”? The human skeletal record and toxicological implications of ancient copper mining and smelting in Wadi Faynan, southwestern Jordan. Toxicology and Industrial Health, 2002, 18, 297-307.	1.4	37
21	Invertebrates of ancient heavy metal spoil and smelting tip sites in southern Jordan: Their distribution and use as bioindicators of metalliferous pollution derived from ancient sources. Journal of Arid Environments, 2002, 52, 53-62.	2.4	32
22	Geochemical evidence for atmospheric pollution derived from prehistoric copper mining at Copa Hill, Cwmystwyth, mid-Wales, UK. Science of the Total Environment, 2002, 292, 69-80.	8.0	90
23	Effects of volcanic air pollution on health. Lancet, The, 2001, 357, 164.	13.7	42
24	Allochthonous and autochthonous mire deposits, slope instability and palaeoenvironmental investigations in the Borge Valley, Barra, Outer Hebrides, Scotland. Holocene, 2000, 10, 97-108.	1.7	16
25	An Imperial Legacy? An Exploration of the Environmental Impact of Ancient Metal Mining and Smelting in Southern Jordan. Journal of Archaeological Science, 2000, 27, 771-778.	2.4	99
26	Environmental and social responses in Europe to the 1783 eruption of the Laki fissure volcano in Iceland: a consideration of contemporary documentary evidence. Geological Society Special Publication, 1999, 161, 173-187.	1.3	13
27	An assessment of discriminant function analysis in the identification and correlation of distal Icelandic tephras in the British Isles. Geological Society Special Publication, 1999, 161, 147-160.	1.3	9
28	Regional warming of the lower atmosphere in the wake of volcanic eruptions: the role of the Laki fissure eruption in the hot summer of 1783. Geological Society Special Publication, 1999, 161, 161-171.	1.3	19
29	Modelling the impact of Icelandic volcanic eruptions upon the prehistoric societies and environment of northern and western Britain. Geological Society Special Publication, 1999, 161, 109-124.	1.3	7
30	Title is missing!. Water, Air, and Soil Pollution, 1999, 111, 317-326.	2.4	19
31	Title is missing!. Environmental Geochemistry and Health, 1999, 21, 371-376.	3.4	38
32	Volcanic eruptions dry fogs and the European palaeoenvironmental record: localised phenomena or hemispheric impacts?. Global and Planetary Change, 1999, 21, 173-179.	3.5	43
33	Volcanoes as agents of past environmental change. Global and Planetary Change, 1999, 21, 181-196.	3.5	65
34	King Solomon's Miners—Starvation and Bioaccumulation? An Environmental Archaeological Investigation in Southern Jordan. Ecotoxicology and Environmental Safety, 1999, 43, 305-308.	6.0	40
35	IT Skills Emplacement: Learning environment and assessment. Journal of Geography in Higher Education, 1998, 22, 407-412.	2.6	2
36	The distal impact of Icelandic volcanic gases and aerosols in Europe: a review of the 1783 Laki Fissure eruption and environmental vulnerability in the late 20th century. Geological Society Engineering Geology Special Publication, 1998, 15, 97-103.	0.2	7

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37	An Evaluation of the Use of Internet Sources as a Basis for Geography Coursework. <i>Journal of Geography in Higher Education</i> , 1998, 22, 19-34.	2.6	22
38	Student C&IT skills development and the learning environment: evaluation and module evolution. <i>Education and Training</i> , 1998, 40, 366-373.	3.1	3
39	Title is missing!. <i>Water, Air, and Soil Pollution</i> , 1997, 100, 327-341.	2.4	32
40	Title is missing!. <i>Water, Air, and Soil Pollution</i> , 1997, 100, 343-353.	2.4	62
41	An Amazing and Portentous Summer: Environmental and Social Responses in Britain to the 1783 Eruption of an Iceland Volcano. <i>Geographical Journal</i> , 1995, 161, 125.	3.1	71
42	Exploratory studies of lochâ€sediment chemistry and soil history from a 10,000+ year old core from Loch Hellisdale, South Uist, Outer Hebrides. <i>Scottish Geographical Journal</i> , 1995, 111, 106-112.	0.4	8
43	Environmental change and tephra deposition: The strath of Kildonan, Northern Scotland. <i>Journal of Archaeological Science</i> , 1995, 22, 799-809.	2.4	34
44	Non-climatic factors and the environmental impact of volcanic volatiles: implications of the Laki fissure eruption of AD 1783. <i>Holocene</i> , 1994, 4, 101-106.	1.7	74
45	Acid damage to vegetation following the Laki fissure eruption in 1783 â€” an historical review. <i>Science of the Total Environment</i> , 1994, 151, 241-247.	8.0	41
46	Acid-loading from Icelandic Tephra Falling on Acidified Ecosystems as a Key to Understanding Archaeological and Environmental Stress in Northern and Western Britain. <i>Journal of Archaeological Science</i> , 1994, 21, 851-859.	2.4	32