

Simon J Armitage

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

3,523
citations

218381
26
h-index

143772
57
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67
all docs

67
docs citations

67
times ranked

3989
citing authors

#	ARTICLE	IF	CITATIONS
1	The Southern Route "Out of Africa" Evidence for an Early Expansion of Modern Humans into Arabia. <i>Science</i> , 2011, 331, 453-456.	6.0	483
2	Ancient Biomolecules from Deep Ice Cores Reveal a Forested Southern Greenland. <i>Science</i> , 2007, 317, 111-114.	6.0	393
3	Ancient watercourses and biogeography of the Sahara explain the peopling of the desert. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 458-462.	3.3	382
4	Klipdrift Shelter, southern Cape, South Africa: preliminary report on the Howiesons Poort layers. <i>Journal of Archaeological Science</i> , 2014, 45, 284-303.	1.2	143
5	Homo sapiens in Arabia by 85,000 years ago. <i>Nature Ecology and Evolution</i> , 2018, 2, 800-809.	3.4	143
6	Reinterpreting climate proxy records from late Quaternary Chinese loess: A detailed OSL investigation. <i>Earth-Science Reviews</i> , 2007, 80, 111-136.	4.0	142
7	Sedimentation and diagenesis of Chinese loess: Implications for the preservation of continuous, high-resolution climate records. <i>Geology</i> , 2006, 34, 849.	2.0	134
8	Multiple phases of North African humidity recorded in lacustrine sediments from the Fazzan Basin, Libyan Sahara. <i>Quaternary Geochronology</i> , 2007, 2, 181-186.	0.6	126
9	Palaeohydrology of the Fazzan Basin and surrounding regions: The last 7 million years. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2008, 263, 131-145.	1.0	115
10	West African monsoon dynamics inferred from abrupt fluctuations of Lake Mega-Chad. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 8543-8548.	3.3	115
11	Optical dating of abrupt shifts in the late Pleistocene East Asian monsoon. <i>Geology</i> , 2008, 36, 415.	2.0	102
12	Deflation in the dustiest place on Earth: The Bodai Depression, Chad. <i>Geomorphology</i> , 2009, 105, 50-58.	1.1	98
13	78,000-year-old record of Middle and Later Stone Age innovation in an East African tropical forest. <i>Nature Communications</i> , 2018, 9, 1832.	5.8	78
14	Holocene slip-rate on the Sabzevar thrust fault, NE Iran, determined using optically stimulated luminescence (OSL). <i>Earth and Planetary Science Letters</i> , 2006, 245, 673-684.	1.8	74
15	The Cyrenaican Prehistory Project 2010: the fourth season of investigations of the Haua Fteah cave and its landscape, and further results from the 2007-2009 fieldwork. <i>Libyan Studies</i> , 2010, 41, 63-88.	0.1	71
16	The measured dependence of laboratory beta dose rates on sample grain size. <i>Radiation Measurements</i> , 2005, 39, 123-127.	0.7	70
17	Quartz luminescence dating of Anglian Stage (MIS 12) fluvial sediments: Comparison of SAR age estimates to the terrace chronology of the Middle Thames valley, UK. <i>Quaternary Geochronology</i> , 2010, 5, 569-582.	0.6	65
18	Examining the potential of high sampling resolution OSL dating of Chinese loess. <i>Quaternary Geochronology</i> , 2007, 2, 15-22.	0.6	56

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19	The formation and evolution of the barrier islands of Inhaca and Bazaruto, Mozambique. <i>Geomorphology</i> , 2006, 82, 295-308.	1.1	55
20	Desert Migrations: people, environment and culture in the Libyan Sahara. <i>Libyan Studies</i> , 2007, 38, 115-156.	0.1	55
21	Multiple hominin dispersals into Southwest Asia over the past 400,000 years. <i>Nature</i> , 2021, 597, 376-380.	13.7	54
22	Quartz from southern Africa: sensitivity changes as a result of thermal pretreatment. <i>Radiation Measurements</i> , 2000, 32, 571-577.	0.7	51
23	Earliest known human burial in Africa. <i>Nature</i> , 2021, 593, 95-100.	13.7	44
24	Human footprints provide snapshot of last interglacial ecology in the Arabian interior. <i>Science Advances</i> , 2020, 6, .	4.7	34
25	An investigation of pulsed-irradiation regeneration of quartz OSL and its implications for the precision and accuracy of optical dating (Paper II). <i>Radiation Measurements</i> , 2005, 39, 347-359.	0.7	31
26	The environmental context of Paleolithic settlement at Jebel Faya, Emirate Sharjah, UAE. <i>Quaternary International</i> , 2013, 300, 83-93.	0.7	30
27	Dune ages in the sand deserts of the southern Sahara and Sahel. <i>Quaternary International</i> , 2016, 410, 46-57.	0.7	28
28	Geochemical and sedimentological responses of arctic glacial Lake Ilirney, chukotka (far east Russia) to palaeoenvironmental change since ~ 145.8 ka BP. <i>Quaternary Science Reviews</i> , 2020, 247, 106607.	1.4	27
29	Evidence for dune reactivation from GPR profiles on the Maputaland coastal plain, South Africa. <i>Geological Society Special Publication</i> , 2003, 211, 29-46.	0.8	26
30	Optically stimulated luminescence dating of hearths from the Fazzan Basin, Libya: A tool for determining the timing and pattern of Holocene occupation of the Sahara. <i>Quaternary Geochronology</i> , 2013, 15, 88-97.	0.6	22
31	Prehistory and palaeoenvironments of the western Nefud Desert, Saudi Arabia. <i>Archaeological Research in Asia</i> , 2017, 10, 1-16.	0.2	22
32	Reconstructing palaeoclimate and hydrological fluctuations in the Fezzan Basin (southern Libya) since 130 ka: A catchment-based approach. <i>Quaternary Science Reviews</i> , 2018, 200, 376-394.	1.4	20
33	Environmental influences on human innovation and behavioural diversity in southern Africa 92–80 thousand years ago. <i>Nature Ecology and Evolution</i> , 2022, 6, 361-369.	3.4	19
34	DMP III: Pleistocene and Holocene palaeoenvironments and prehistoric occupation of Fazzan, Libyan Sahara. <i>Libyan Studies</i> , 2008, 39, 263-294.	0.1	17
35	Neolithic pastoralism in marginal environments during the Holocene Humid Period, northern Saudi Arabia. <i>Antiquity</i> , 2018, 92, 1180-1194.	0.5	15
36	Sedimentary and geomorphic evidence of Saharan megalakes: A synthesis. <i>Quaternary Science Reviews</i> , 2022, 276, 107318.	1.4	15

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37	A comparison of single-grain and small aliquot dating of fine sand from Cyrenaica, northern Libya. <i>Quaternary Geochronology</i> , 2012, 10, 62-67.	0.6	13
38	High-precision natural dose rate estimates through beta counting. <i>Radiation Measurements</i> , 2018, 120, 209-214.	0.7	13
39	Alluvial fan aggradation/incision history of the eastern Tibetan plateau margin and implications for debris flow/debris-charged flood hazard. <i>Geomorphology</i> , 2018, 318, 203-216.	1.1	13
40	The expansion of Acheulean hominins into the Nefud Desert of Arabia. <i>Scientific Reports</i> , 2021, 11, 10111.	1.6	12
41	Holocene palaeoenvironmental change and the impact of prehistoric salt production in the Seille Valley, eastern France. <i>Holocene</i> , 2012, 22, 831-845.	0.9	11
42	An Optical luminescence chronology for late Pleistocene aeolian activity in the Colombian and Venezuelan Llanos. <i>Quaternary Research</i> , 2016, 85, 299-312.	1.0	11
43	The oldest <i>Homo erectus</i> buried lithic horizon from the Eastern Saharan Africa. EDAR 7 - an Acheulean assemblage with Kombewa method from the Eastern Desert, Sudan. <i>PLoS ONE</i> , 2021, 16, e0248279.	1.1	10
44	DMP VIII: Palaeohydrology and palaeoenvironment. <i>Libyan Studies</i> , 2009, 40, 171-178.	0.1	9
45	Palaeoenvironmental and sea level changes during the Holocene in eastern Saudi Arabia and their implications for Neolithic populations. <i>Quaternary Science Reviews</i> , 2020, 249, 106618.	1.4	9
46	Taphonomy of an excavated striped hyena (<i>Hyaena hyaena</i>) den in Arabia: implications for paleoecology and prehistory. <i>Archaeological and Anthropological Sciences</i> , 2021, 13, 1.	0.7	8
47	A Window into the Early-Middle Stone Age Transition in Northeastern Africa: A Marine Isotope Stage 7a/6 Late Acheulean Horizon from the EDAR 135 Site, Eastern Sahara (Sudan). <i>Journal of Field Archaeology</i> , 2021, 46, 513-533.	0.7	8
48	The potential of cryptotephra and OSL dating for refining the chronology of open-air archaeological windblown sand sites: A case study from Mirkowice 33, northwest Poland. <i>Quaternary Geochronology</i> , 2014, 20, 99-108.	0.6	7
49	Testing the applicability of optically stimulated luminescence dating to Ocean Drilling Program cores. <i>Quaternary Geochronology</i> , 2017, 39, 124-130.	0.6	7
50	The Lake CHAD Deep DRILLING project (CHADRILL) targeting ~10 million years of environmental and climate change in Africa. <i>Scientific Drilling</i> , 0, 24, 71-78.	1.0	7
51	OSL dating of a carbonate island in the Chobe Enclave, NW Botswana. <i>Quaternary Geochronology</i> , 2019, 49, 172-176.	0.6	6
52	DMP XV: Palaeohydrology and Palaeoenvironment: Initial Results and Report of 2010 and 2011 Fieldwork. <i>Libyan Studies</i> , 2011, 42, 139-149.	0.1	5
53	Optically stimulated luminescence dating of Ocean Drilling Program core 658B: Complications arising from authigenic uranium uptake and lateral sediment movement. <i>Quaternary Geochronology</i> , 2015, 30, 270-274.	0.6	5
54	Distinct periods of fan aggradation and incision for tributary valleys of different sizes along the Bailong River, eastern margin of the Tibetan Plateau. <i>Geomorphology</i> , 2021, 373, 107490.	1.1	5

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55	Gold Miners on the Trail of the Earliest Humans in Eastern Saharan Africa. Investigating the Acheulean and Middle Stone Age in Sudanese Nubia. <i>Journal of African Archaeology</i> , 2021, 19, 235-244.	0.3	5
56	The Middle Stone Age in the Eastern Desert. EDAR 135 – a buried early MIS 5 horizon from Sudan. <i>Azania</i> , 2022, 57, 155-196.	0.4	2
57	Optically stimulated luminescence dating of heat retainer hearths from the Sahara: Insights into signal accumulation and measurement. <i>Quaternary Geochronology</i> , 2019, 49, 249-253.	0.6	1