

Antony Brown

List of Publications by Year in descending order

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Version: 2024-02-01

75
papers

2,476
citations

218677

26
h-index

214800

47
g-index

79
all docs

79
docs citations

79
times ranked

2694
citing authors

#	ARTICLE	IF	CITATIONS
1	The geomorphology of the Anthropocene: emergence, status and implications. <i>Earth Surface Processes and Landforms</i> , 2017, 42, 71-90.	2.5	183
2	Natural vs anthropogenic streams in Europe: History, ecology and implications for restoration, river-rewilding and riverine ecosystem services. <i>Earth-Science Reviews</i> , 2018, 180, 185-205.	9.1	172
3	Human impact on fluvial regimes and sediment flux during the Holocene: Review and future research agenda. <i>Global and Planetary Change</i> , 2010, 72, 87-98.	3.5	132
4	Lake Sedimentary DNA Research on Past Terrestrial and Aquatic Biodiversity: Overview and Recommendations. <i>Quaternary</i> , 2021, 4, 6.	2.0	121
5	The fluvial evolution of the Holocene Nile Delta. <i>Quaternary Science Reviews</i> , 2017, 170, 212-231.	3.0	99
6	Sedimentary ancient DNA from Lake Skartjǿrna, Svalbard: Assessing the resilience of arctic flora to Holocene climate change. <i>Holocene</i> , 2016, 26, 627-642.	1.7	97
7	Geomorphology of the Anthropocene: Time-transgressive discontinuities of human-induced alluviation. <i>Anthropocene</i> , 2013, 1, 3-13.	3.3	83
8	The use of forensic botany and geology in war crimes investigations in NE Bosnia. <i>Forensic Science International</i> , 2006, 163, 204-210.	2.2	82
9	Monitoring fluvial pollen transport, its relationship to catchment vegetation and implications for palaeoenvironmental studies. <i>Review of Palaeobotany and Palynology</i> , 2007, 147, 60-76.	1.5	81
10	The Anthropocene: is there a geomorphological case?. <i>Earth Surface Processes and Landforms</i> , 2013, 38, 431-434.	2.5	78
11	Late Holocene Paleoecology and Sedimentary History of a Small Lowland Catchment in Central England. <i>Quaternary Research</i> , 1985, 24, 87-102.	1.7	72
12	Geoarchaeology, the four dimensional (4D) fluvial matrix and climatic causality. <i>Geomorphology</i> , 2008, 101, 278-297.	2.6	59
13	Late Holocene channel changes of the Middle Trent: channel response to a thousand-year flood record. <i>Geomorphology</i> , 2001, 39, 69-82.	2.6	56
14	Holocene demographic fluctuations, climate and erosion in the Mediterranean: A meta data-analysis. <i>Holocene</i> , 2019, 29, 864-885.	1.7	54
15	The combined use of pollen and soil analyses in a search and subsequent murder investigation. <i>Journal of Forensic Sciences</i> , 2002, 47, 614-8.	1.6	54
16	Vitis pollen dispersal in and from organic vineyards. <i>Review of Palaeobotany and Palynology</i> , 2004, 129, 117-132.	1.5	52
17	Colluvial and alluvial response to land use change in Midland England: An integrated geoarchaeological approach. <i>Geomorphology</i> , 2009, 108, 92-106.	2.6	48
18	People, climate and alluviation: theory, research design and new sedimentological and stratigraphic data from Etruria. <i>Papers of the British School at Rome</i> , 1995, 63, 45-73.	0.0	47

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19	Holocene floristic diversity and richness in northeast Norway revealed by sedimentary ancient <sc>DNA</sc> (<i>sed</i><sc>DNA</sc>) and pollen. <i>Boreas</i> , 2019, 48, 299-316.	2.4	45
20	The potential of chironomid (Insecta: Diptera) larvae in archaeological investigations of floodplain and lake settlements. <i>Journal of Archaeological Science</i> , 2006, 33, 14-33.	2.4	42
21	Multiplatform-SfM and TLS Data Fusion for Monitoring Agricultural Terraces in Complex Topographic and Landcover Conditions. <i>Remote Sensing</i> , 2020, 12, 1946.	4.0	42
22	Alluvial records of medieval and prehistoric tin mining on Dartmoor, southwest England. <i>Geoarchaeology - an International Journal</i> , 2004, 19, 219-236.	1.5	37
23	Archaeological resource modelling in temperate river valleys: a case study from the Trent Valley, UK. <i>Antiquity</i> , 2008, 82, 1040-1054.	1.0	34
24	Last Glacial Maximum environmental conditions at Andfjella, northern Norway; evidence for a northern ice-edge ecological "hotspot". <i>Quaternary Science Reviews</i> , 2020, 239, 106364.	3.0	34
25	Paired ²⁶ Al and ¹⁰ Be exposure ages from Lundy: new evidence for the extent and timing of Devensian glaciation in the southern British Isles. <i>Quaternary Science Reviews</i> , 2012, 43, 61-73.	3.0	30
26	Sedimentary ancient DNA shows terrestrial plant richness continuously increased over the Holocene in northern Fennoscandia. <i>Science Advances</i> , 2021, 7, .	10.3	30
27	Holocene floodplain diachronism and inherited downstream variations in fluvial processes: A study of the river Perry, Shropshire, England. <i>Journal of Quaternary Science</i> , 1990, 5, 39-51.	2.1	27
28	Regional climate change from peat stratigraphy for the mid- to late Holocene in central Ireland. <i>Quaternary International</i> , 2012, 268, 145-155.	1.5	27
29	Holocene floodplain metamorphosis in the Midlands, United Kingdom. <i>Geomorphology</i> , 1992, 4, 433-445.	2.6	26
30	Appendicitis risk prediction models in children presenting with right iliac fossa pain (RIFT study): a prospective, multicentre validation study. <i>The Lancet Child and Adolescent Health</i> , 2020, 4, 271-280.	5.6	26
31	Site Distribution at the Edge of the Palaeolithic World: A Nutritional Niche Approach. <i>PLoS ONE</i> , 2013, 8, e81476.	2.5	26
32	Mesolithic to Bronze Age Vegetation Change and Human Activity in the Exe Valley, Devon, UK. <i>Proceedings of the Prehistoric Society, London</i> , 2003, 69, 161-181.	0.7	25
33	Ending the Cinderella status of terraces and lynchets in Europe: The geomorphology of agricultural terraces and implications for ecosystem services and climate adaptation. <i>Geomorphology</i> , 2021, 379, 107579.	2.6	24
34	Roman vineyards in Britain: finds from the Nene Valley and new research. <i>Antiquity</i> , 2000, 74, 491-492.	1.0	22
35	Later Pleistocene evolution of the Exe valley: A chronstratigraphic model of terrace formation and its implications for Palaeolithic archaeology. <i>Quaternary Science Reviews</i> , 2010, 29, 897-912.	3.0	22
36	Multi-proxy study of Holocene environmental change and human activity in the Central Apennine Mountains, Italy. <i>Journal of Quaternary Science</i> , 2013, 28, 71-82.	2.1	22

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37	Vegetation, landscape and human activity in Midland Ireland: mire and lake records from the Lough Kinale-Derragh Lough area, Central Ireland. <i>Vegetation History and Archaeobotany</i> , 2005, 14, 81-98.	2.1	21
38	Archaeomagnetic Dating and Palaeochannels Sediments: Data From the Mediaeval Channel Fills at Hemington, Leicestershire. <i>Journal of Archaeological Science</i> , 1998, 25, 149-163.	2.4	19
39	Clitellate worms (Annelida) in lateglacial and Holocene sedimentary <scp>DNA</scp> records from the Polar Urals and northern Norway. <i>Boreas</i> , 2019, 48, 317-329.	2.4	18
40	European agricultural terraces and lynchets: from archaeological theory to heritage management. <i>World Archaeology</i> , 2020, 52, 566-588.	1.1	18
41	Empathy in preschool children: The development of the Southampton Test of Empathy for Preschoolers (STEP).. <i>Psychological Assessment</i> , 2008, 20, 305-309.	1.5	16
42	Fluvial palaeohydrology in the 21st century and beyond. <i>Earth Surface Processes and Landforms</i> , 2022, 47, 58-81.	2.5	16
43	Towards a budget approach to Pleistocene terraces: preliminary studies using the River Exe in South West England, UK. <i>Proceedings of the Geologists Association</i> , 2009, 120, 275-281.	1.1	15
44	Societal stability and environmental change: Examining the archaeologyâ€soil erosion paradox. <i>Geoarchaeology - an International Journal</i> , 2017, 32, 23-35.	1.5	14
45	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.	2.4	14
46	A sub-centennial-scale optically stimulated luminescence chronostratigraphy and late Holocene flood history from a temperate river confluence. <i>Geology</i> , 2020, 48, 819-825.	4.4	13
47	SfM photogrammetry for GeoArchaeology. <i>Developments in Earth Surface Processes</i> , 2020, 23, 183-205.	2.8	13
48	Holocene development and anthropogenic disturbance of a shallow lake system in Central Ireland recorded by diatoms. <i>Journal of Paleolimnology</i> , 2007, 38, 419-440.	1.6	11
49	Holocene sulphur-rich palaeochannel sediments: diagenetic conditions, magnetic properties and archaeological implications. <i>Journal of Archaeological Science</i> , 2010, 37, 21-29.	2.4	11
50	Late Pleistoceneâ€“Holocene river dynamics at the Trentâ€“Soar confluence, England, UK. <i>Earth Surface Processes and Landforms</i> , 2013, 38, 237-249.	2.5	11
51	Using geoarchaeological deposit modelling as a framework for archaeological evaluation and mitigation in alluvial environments. <i>Journal of Archaeological Science: Reports</i> , 2017, 11, 658-673.	0.5	11
52	Volume estimation of soil stored in agricultural terrace systems: A geomorphometric approach. <i>Catena</i> , 2021, 207, 105687.	5.0	11
53	Late Quaternary evolution of a lowland anastomosing river system: Geological-topographic inheritance, non-uniformity and implications for biodiversity and management. <i>Quaternary Science Reviews</i> , 2021, 260, 106929.	3.0	10
54	The Environmental Context and Function of Burnt-Mounds: New Studies of Irish <i>FulachtaÃ- Fiadh</i>. <i>Proceedings of the Prehistoric Society, London</i> , 2016, 82, 259-290.	0.7	9

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55	Archaeology, hydrogeology and geomorphology in the Stymphalos valley. <i>Journal of Archaeological Science: Reports</i> , 2017, 15, 446-458.	0.5	9
56	Eels, Beavers, and Horses: Human Niche Construction in the European Late Upper Palaeolithic. <i>Proceedings of the Prehistoric Society, London</i> , 2017, 83, 1-22.	0.7	8
57	Life before Stonehenge: The hunter-gatherer occupation and environment of Blick Mead revealed by sedaDNA, pollen and spores. <i>PLoS ONE</i> , 2022, 17, e0266789.	2.5	8
58	Early Medieval Place-Names and Riverine Flood Histories: A New Approach and New Chronostratigraphic Records for Three English Rivers. <i>European Journal of Archaeology</i> , 2020, 23, 381-405.	0.5	7
59	Soil organic carbon stabilization mechanisms and temperature sensitivity in old terraced soils. <i>Biogeosciences</i> , 2021, 18, 6301-6312.	3.3	7
60	Palaeoecological, archaeological and historical data and the making of Devon landscapes. <i>Boreas</i> , 2014, 43, 834-855.	2.4	6
61	The use of Landsat multispectral scanner data for the analysis and management of flooding on the river Severn, England. <i>Environmental Management</i> , 1987, 11, 695-701.	2.7	5
62	A stacked Late Quaternary fluvio-periglacial sequence from the Axe valley, southern England with implications for landscape evolution and Palaeolithic archaeology. <i>Quaternary Science Reviews</i> , 2015, 116, 106-121.	3.0	5
63	Pleistocene landscape evolution in the Avon valley, southern Britain: Optical dating of terrace formation and Palaeolithic archaeology. <i>Proceedings of the Geologists Association</i> , 2020, 131, 121-137.	1.1	5
64	Landscape change in the Nile Delta during the fourth millennium BC: a new perspective on the Egyptian Predynastic and Protodynastic periods. <i>World Archaeology</i> , 2020, 52, 550-565.	1.1	5
65	Roman mining on Exmoor: a geomorphological approach at Anstey's Combe, Dulverton. <i>Environmental Archaeology</i> , 2009, 14, 50-61.	1.2	4
66	Holocene fluvial geomorphology of the River Exe (UK) from archaeological and historical data and implications for urban form. <i>Proceedings of the Geologists Association</i> , 2014, 125, 639-648.	1.1	4
67	Geoarchaeology, Environment, and Societal Stability: Karl W. Butzer's Legacy. <i>Geoarchaeology - an International Journal</i> , 2017, 32, 3-5.	1.5	4
68	How well can near infrared reflectance spectroscopy (NIRS) measure sediment organic matter in multiple lakes?. <i>Journal of Paleolimnology</i> , 2020, 64, 59-69.	1.6	4
69	The geoarchaeology of Paleolithic rivers of southwest Britain. , 2011, , .		3
70	Holocene channel changes and geoarchaeology of the Exe River, Devon, UK, and the floodplain paradox. , 2011, , .		2
71	The Quaternary rivers of the Jurassic Coast region: From the Neogene to the Anthropocene. <i>Proceedings of the Geologists Association</i> , 2019, 130, 451-462.	1.1	2
72	Modelling of hydrological processes in a floodplain wetland. , 1997, , 102-110.		1

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73	Aggregate-related archaeology in England in a changing environment. , 2011, , .		1
74	Towards a JÅmon food database: construction, analysis and implications for Hokkaido and the Ryukyu Islands, Japan. World Archaeology, 2022, 54, 390-406.	1.1	1
75	Boreal and Temperate River Wetlands. , 2022, , 78-89.		0