David J Nash

List of Publications by Year
in descending order

82 papers	3,616 citations	126907 33 h-index	149698 56 g-index
120 all docs	120 docs citations	120 times ranked	3850 citing authors

#	Article	IF	Citations
1	Continental-scale temperature variability during the past two millennia. Nature Geoscience, 2013, 6, 339-346.	12.9	954
2	Dune activity as a record of late Quaternary aridity in the Northern Kalahari: new evidence from northern Namibia interpreted in the context of regional arid and humid chronologies. Palaeogeography, Palaeoclimatology, Palaeoecology, 2000, 156, 243-259.	2.3	103
3	Late Pleistocene wetting and drying in the NW Kalahari: an integrated study from the Tsodilo Hills, Botswana. Quaternary International, 2003, 104, 53-67.	1.5	96
4	A 19th century climate chronology for the Kalahari region of central southern Africa derived from missionary correspondence. International Journal of Climatology, 2002, 22, 821-841.	3.5	88
5	Kalahari valley calcretes: their nature, origins, and environmental significance. Quaternary International, 2003, 111, 3-22.	1.5	87
6	African hydroclimatic variability during the last 2000 years. Quaternary Science Reviews, 2016, 154, 1-22.	3.0	83
7	Temperature variability over Africa during the last 2000 years. Holocene, 2013, 23, 1085-1094.	1.7	81
8	Documentary data and the study of past droughts: a global state of the art. Climate of the Past, 2018, 14, 1915-1960.	3.4	75
9	Duricrust development and valley evolution: Processâ€“landform links in the kalahari. Earth Surface Processes and Landforms, 1994, 19, 299-317.	2.5	67
10	Provenancing of silcrete raw materials indicates long-distance transport to Tsodilo Hills, Botswana, during the Middle Stone Age. Journal of Human Evolution, 2013, 64, 280-288.	2.6	67
11	Drought, desiccation and discourse: missionary correspondence and nineteenthâ€century climate change in central southern Africa. Geographical Journal, 2002, 168, 33-47.	3.1	66
12	â€œA sky of brass and burning windsâ€• documentary evidence of rainfall variability in the Kingdom of Lesotho, Southern Africa, 1824â€“1900. Climatic Change, 2010, 101, 617-653.	3.6	65
13	Silica and carbonate relationships in silcrete-calcrete intergrade duricrusts from the Kalahari of Botswana and Namibia. Journal of African Earth Sciences, 1998, 27, 11-25.	2.0	63
14	Documentary evidence of climate variability during cold seasons in Lesotho, southern Africa, 1833â€“1900. Climate Dynamics, 2010, 34, 473-499.	3.8	59
15	â€˜Splendid rains have fallenâ€™: links between El NiÃ±o and rainfall variability in the Kalahari, 1840â€“1900. Climatic Change, 2008, 86, 257-290.	3.6	58
16	Multiple calcrete profiles in the Tabernas Basin, southeast Spain: their origins and geomorphic implications. Earth Surface Processes and Landforms, 1998, 23, 1009-1029.	2.5	56
17	Multi-proxy summer and winter precipitation reconstruction for southern Africa over the last 200 years. Climate Dynamics, 2014, 42, 2713-2726.	3.8	56
18	Late Quaternary fluvial activity in the dry valleys (mekgacha) of the Middle and Southern Kalahari, southern Africa. Journal of Quaternary Science, 1992, 7, 273-281.	2.1	52

#	Article	IF	Citations
19	Present day lunette sediment cycling at Witpan in the arid southwestern Kalahari Desert. Catena, 1993, 20, 515-527.	5.0	47
20	Going the distance: Mapping mobility in the Kalahari Desert during the Middle Stone Age through multi-site geochemical provenancing of silcrete artefacts. Journal of Human Evolution, 2016, 96, 113-133.	2.6	45
21	Dual mechanisms for the formation of fluvial silcretes in the distal reaches of the Okavango Delta fan, Botswana. Earth Surface Processes and Landforms, 1998, 23, 705-714.	2.5	44
22	Seasonal rainfall variability in southeast Africa during the nineteenth century reconstructed from documentary sources. Climatic Change, 2016, 134, 605-619.	3.6	43
23	Siliceous duricrusts as palaeoclimatic indicators: evidence from the Kalahari desert of Botswana. Palaeogeography, Palaeoclimatology, Palaeoecology, 1994, 112, 279-295.	2.3	42
24	Recent advances in silcrete research and their implications for the origin and palaeoenvironmental significance of sarsens. Proceedings of the Geologists Association, 1998, 109, 255-270.	1.1	42
25	Linear dune pattern variability in the vicinity of dry valleys in the southwest Kalahari. Geomorphology, 1998, 23, 35-54.	2.6	42
26	Petrology, geochemistry and environmental significance of silcrete-calcrete intergrade duricrusts at Kang Pan and Tswaane, central Kalahari, Botswana. Earth Surface Processes and Landforms, 2004, 29, 1559-1586.	2.5	41
27	Valley-marginal sand dunes in the south-west Kalahari: their nature, classification and possible origins. Journal of Arid Environments, 2000, 45, 369-383.	2.4	38
28	Experimental study of wind directional variability in the vicinity of a model valley. Geomorphology, 2000, 35, 127-143.	2.6	38
29	Properties and development of channel calcretes in a mountain catchment, Tabernas Basin, southeast Spain. Geomorphology, 2003, 50, 227-250.	2.6	37
30	Holocene environmental change in the Okavango Panhandle, northwest Botswana. Quaternary Science Reviews, 2006, 25, 1302-1322.	3.0	37
31	Distribution, petrology and mode of development of silcretes (sarsens and puddingstones) on the eastern South Downs, UK. Earth Surface Processes and Landforms, 2004, 29, 1509-1539.	2.5	36
32	Calcrete â€˜fossilisationâ€™ of alluvial fans in SE Spain: The roles of groundwater, pedogenic processes and fan dynamics in calcrete development. Geomorphology, 2007, 85, 63-84.	2.6	35
33	Documentary reconstruction of monsoon rainfall variability over western India, 1781â€“1860. Climate Dynamics, 2014, 42, 749-769.	3.8	35
34	Missionaries and Morals: Climatic Discourse in Nineteenth-Century Central Southern Africa. Annals of the American Association of Geographers, 2002, 92, 727-742.	3.0	34
35	A reconnaissance laser Raman and Fourier transform infrared survey of silcretes from the Kalahari Desert, Botswana. Earth Surface Processes and Landforms, 2004, 29, 1541-1558.	2.5	33
36	Micromorphology and geochemistry of groundwater silcretes in the eastern South Downs, UK. Sedimentology, 2006, 53, 387-412.	3.1	31

#	Article	IF	Citations
37	Recent Advances in the Historical Climatology of the Tropics and Subtropics. Bulletin of the American Meteorological Society, 2014, 95, 131-146.	3.3	31
38	Origins of the sarsen megaliths at Stonehenge. Science Advances, 2020, 6, eabc0133.	10.3	29
39	Distinguishing pedogenic and non-pedogenic silcretes in the landscape and geological record. Proceedings of the Geologists Association, 2016, 127, 311-319.	1.1	28
40	On the Dry Valleys of the Kalahari: Documentary Evidence of Environmental Change in Central Southern Africa. Geographical Journal, 1996, 162, 154.	3.1	26
41	GROUNDWATER SAPPING AND VALLEY DEVELOPMENT IN THE HACKNESS HILLS, NORTH YORKSHIRE, ENGLAND. , 1996, 21, 781-795.		26
42	Climate, history, society over the last millennium in southeast Africa. Wiley Interdisciplinary Reviews: Climate Change, 2016, 7, 370-392.	8.1	26
43	Climate indices in historical climate reconstructions: a global state of the art. Climate of the Past, 2021, 17, 1273-1314.	3.4	26
44	Long-term variability in the date of monsoon onset over western India. Climate Dynamics, 2013, 40, 2589-2603.	3.8	24
45	Provenancing silcrete in the Cape coastal zone: Implications forÂMiddle Stone Age research in South Africa. Journal of Human Evolution, 2013, 65, 682-688.	2.6	23
46	Heat treatment as a universal technical solution for silcrete use? A comparison between silcrete from the Western Cape (South Africa) and the Kalahari (Botswana). PLoS ONE, 2017, 12, e0181586.	2.5	20
47	Narratives of nineteenth century drought in southern Africa in different historical source types. Climatic Change, 2019, 152, 467-485.	3.6	19
48	Rainfall variability over Malawi during the late 19th century. International Journal of Climatology, 2018, 38, e629.	3.5	18
49	â€˜Happy is the bride the rain falls onâ€™:¹ climate, health and â€˜the woman questionâ€™ in nineteenthâ€century missionary documentation. Transactions of the Institute of British Geographers, 2005, 30, 368-386.	2.9	15
50	Sediment structure and physicochemical changes following tidal inundation at a large open coast managed realignment site. Science of the Total Environment, 2019, 660, 1419-1432.	8.0	15
51	Tropical cyclone activity over Madagascar during the late nineteenth century. International Journal of Climatology, 2015, 35, 3249-3261.	3.5	14
52	Climate, Conflict and Society: Changing Responses to Weather Extremes in Nineteenth Century Zululand. Environment and History, 2018, 24, 377-401.	0.3	14
53	Drainage-line silcretes of the Middle Kalahari: an analogue for Cenozoic sarsen trains?. Proceedings of the Geologists Association, 1998, 109, 241-254.	1.1	13
54	Drainage development, neotectonics and base-level change in the Kalahari Desert, southern Africa. Southern African Geographical Journal, 2016, 98, 308-320.	1.8	13

#	Article	IF	Citations
55	The role of drought in agrarian crisis and social change: the famine of the 1890s in south-eastern Africa. Regional Environmental Change, 2019, 19, 2683-2695.	2.9	13
56	Doing Independent Overseas Fieldwork 1: Practicalities and pitfalls. Journal of Geography in Higher Education, 2000, 24, 139-149.	2.6	12
57	Geomorphic and hydrological controls on groundwater dolocrete formation in the semiâ€arid Hamersley Basin, northwest Australia. Earth Surface Processes and Landforms, 2019, 44, 2752-2770.	2.5	12
58	Cap structures as diagnostic indicators of silcrete origin. Sedimentary Geology, 2015, 325, 119-131.	2.1	11
59	Late Quaternary coastal evolution and aeolian sedimentation in the tectonically-active southern Atacama Desert, Chile. Palaeogeography, Palaeoclimatology, Palaeoecology, 2018, 490, 546-562.	2.3	11
60	Changes in Precipitation Over Southern Africa During Recent Centuries. , 2017, , .		11
61	â€˜A good site for healthâ€™: Missionaries and the pathological geography of central southern Africa. Singapore Journal of Tropical Geography, 2007, 28, 142-157.	0.9	10
62	Reassessing southern African silcrete geochemistry: implications for silcrete origin and sourcing of silcrete artefacts. Earth Surface Processes and Landforms, 2020, 45, 3396-3413.	2.5	10
63	LATE HOLOCENE SEDIMENTATION RATES AND GEOMORPHOLOGICAL SIGNIFICANCE OF THE NCAMASERE VALLEY, OKAVANGO DELTA, BOTSWANA. Southern African Geographical Journal, 1997, 79, 93-100.	1.8	9
64	The evolution of embryonic creek systems in a recently inundated large open coast managed realignment site. Anthropocene Coasts, 2018, 1, 16-33.	1.5	8
65	Climate History of Asia (Excluding China). , 2018, , 203-211.		7
66	The Kola Peninsula and Russian Lapland: A review of Late Weichselian glaciation. Quaternary Science Reviews, 2021, 267, 107087.	3.0	7
67	Hydrodynamics and sedimentary processes in the main drainage channel of a large open coast managed realignment site. Estuarine, Coastal and Shelf Science, 2018, 215, 100-111.	2.1	6
68	Quantifying and reducing researcher subjectivity in the generation of climate indices from documentary sources. Climate of the Past, 2022, 18, 1071-1081.	3.4	5
69	World Atlas of Desertification. Geographical Journal, 1999, 165, 325.	3.1	4
70	Field meeting: landscape evolution in the eastern South Downs, with particular reference to sarsens and Quaternary deposits, Saturday 17 October, 1998. Proceedings of the Geologists Association, 2000, 111, 91-96.	1.1	4
71	Drylands â€" Linking landscape processes to sedimentary environments, London, UK. February 2005. Geomorphology, 2007, 85, 1-2.	2.6	4
72	Drylands: Linking landscape processes to sedimentary environments. Sedimentary Geology, 2007, 195, 1-3.	2.1	4

#	Article	IF	Citations
73	The West Water Formation (Hualapai Plateau, Arizona, USA) as a calcrete-paleosol sequence, and its implications for the Paleogene-Neogene evolution of the southwestern Colorado Plateau. Palaeogeography, Palaeoclimatology, Palaeoecology, 2017, 479, 146-163.	2.3	4
74	Petrological and geochemical characterisation of the sarsen stones at Stonehenge. PLoS ONE, 2021, 16, e0254760.	2.5	4
75	Heat treatment of Kalahari and Cape silcretes: impacts upon silcrete chemistry and implications for geochemical provenancing. Archaeological and Anthropological Sciences, 2019, 11, 6865-6874.	1.8	3
76	â€œBut what silence! No more gazellesâ€¦â€• Occurrence and extinction of fauna in Lesotho, southern Africa, since the late Pleistocene. Quaternary International, 2022, 611-612, 87-101.	1.5	3
77	Doing Independent Overseas Fieldwork 2: Getting Funding. Journal of Geography in Higher Education, 2000, 24, 425-433.	2.6	2
78	Editorial: terrestrial geochemical sediments and geomorphology. Earth Surface Processes and Landforms, 2004, 29, 1437-1440.	2.5	2
79	Introduction: Geochemical Sediments in Landscapes. , 0, , 1-9.		1
80	Surficial processes and landscape evolution: Rift valleys and arid terrains. Geomorphology, 1995, 11, 257-258.	2.6	0
81	Book reviews : Lancaster, N. 1995: Geomorphology of desert dunes. London: Routledge. 312 pp. Â£55.00 cloth, Â£17.99 paper. ISBN: 0415060931 cloth, 0 415 06094 X paper. Progress in Physical Geography, 1997, 21, 618-619.	3.2	0
82	Geochemical Sediments and Landscapes: General Summary. , 0, , 443-446.		0