

# David J Nash

## List of Publications by Year in descending order

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Version: 2024-02-01

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	“But what silence! No more gazelles” – Occurrence and extinction of fauna in Lesotho, southern Africa, since the late Pleistocene. <i>Quaternary International</i> , 2022, 611-612, 87-101.	1.5	3
2	Quantifying and reducing researcher subjectivity in the generation of climate indices from documentary sources. <i>Climate of the Past</i> , 2022, 18, 1071-1081.	3.4	5
3	Climate indices in historical climate reconstructions: a global state of the art. <i>Climate of the Past</i> , 2021, 17, 1273-1314.	3.4	26
4	Petrological and geochemical characterisation of the sarsen stones at Stonehenge. <i>PLoS ONE</i> , 2021, 16, e0254760.	2.5	4
5	The Kola Peninsula and Russian Lapland: A review of Late Weichselian glaciation. <i>Quaternary Science Reviews</i> , 2021, 267, 107087.	3.0	7
6	Reassessing southern African silcrete geochemistry: implications for silcrete origin and sourcing of silcrete artefacts. <i>Earth Surface Processes and Landforms</i> , 2020, 45, 3396-3413.	2.5	10
7	Origins of the sarsen megaliths at Stonehenge. <i>Science Advances</i> , 2020, 6, eabc0133.	10.3	29
8	Geomorphic and hydrological controls on groundwater dolocrete formation in the semi-arid Hamersley Basin, northwest Australia. <i>Earth Surface Processes and Landforms</i> , 2019, 44, 2752-2770.	2.5	12
9	Heat treatment of Kalahari and Cape silcretes: impacts upon silcrete chemistry and implications for geochemical provenancing. <i>Archaeological and Anthropological Sciences</i> , 2019, 11, 6865-6874.	1.8	3
10	Sediment structure and physicochemical changes following tidal inundation at a large open coast managed realignment site. <i>Science of the Total Environment</i> , 2019, 660, 1419-1432.	8.0	15
11	The role of drought in agrarian crisis and social change: the famine of the 1890s in south-eastern Africa. <i>Regional Environmental Change</i> , 2019, 19, 2683-2695.	2.9	13
12	Narratives of nineteenth century drought in southern Africa in different historical source types. <i>Climatic Change</i> , 2019, 152, 467-485.	3.6	19
13	Rainfall variability over Malawi during the late 19th century. <i>International Journal of Climatology</i> , 2018, 38, e629.	3.5	18
14	Late Quaternary coastal evolution and aeolian sedimentation in the tectonically-active southern Atacama Desert, Chile. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 490, 546-562.	2.3	11
15	Climate, Conflict and Society: Changing Responses to Weather Extremes in Nineteenth Century Zululand. <i>Environment and History</i> , 2018, 24, 377-401.	0.3	14
16	The evolution of embryonic creek systems in a recently inundated large open coast managed realignment site. <i>Anthropocene Coasts</i> , 2018, 1, 16-33.	1.5	8
17	Documentary data and the study of past droughts: a global state of the art. <i>Climate of the Past</i> , 2018, 14, 1915-1960.	3.4	75
18	Hydrodynamics and sedimentary processes in the main drainage channel of a large open coast managed realignment site. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 215, 100-111.	2.1	6

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19	Climate History of Asia (Excluding China). , 2018, , 203-211.		7
20	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
21	Changes in Precipitation Over Southern Africa During Recent Centuries. , 2017, , .		11
22	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
23	Drainage development, neotectonics and base-level change in the Kalahari Desert, southern Africa. Southern African Geographical Journal, 2016, 98, 308-320.	1.8	13
24	African hydroclimatic variability during the last 2000 years. Quaternary Science Reviews, 2016, 154, 1-22.	3.0	83
25	Climate, history, society over the last millennium in southeast Africa. Wiley Interdisciplinary Reviews: Climate Change, 2016, 7, 370-392.	8.1	26
26	Distinguishing pedogenic and non-pedogenic silcretes in the landscape and geological record. Proceedings of the Geologists Association, 2016, 127, 311-319.	1.1	28
27	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
28	Seasonal rainfall variability in southeast Africa during the nineteenth century reconstructed from documentary sources. Climatic Change, 2016, 134, 605-619.	3.6	43
29	Cap structures as diagnostic indicators of silcrete origin. Sedimentary Geology, 2015, 325, 119-131.	2.1	11
30	Tropical cyclone activity over Madagascar during the late nineteenth century. International Journal of Climatology, 2015, 35, 3249-3261.	3.5	14
31	Recent Advances in the Historical Climatology of the Tropics and Subtropics. Bulletin of the American Meteorological Society, 2014, 95, 131-146.	3.3	31
32	Multi-proxy summer and winter precipitation reconstruction for southern Africa over the last 200 years. Climate Dynamics, 2014, 42, 2713-2726.	3.8	56
33	Documentary reconstruction of monsoon rainfall variability over western India, 1781â€“1860. Climate Dynamics, 2014, 42, 749-769.	3.8	35
34	Long-term variability in the date of monsoon onset over western India. Climate Dynamics, 2013, 40, 2589-2603.	3.8	24
35	Provenancing silcrete in the Cape coastal zone: Implications for Middle Stone Age research in South Africa. Journal of Human Evolution, 2013, 65, 682-688.	2.6	23
36	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

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37	Continental-scale temperature variability during the past two millennia. <i>Nature Geoscience</i> , 2013, 6, 339-346.	12.9	954
38	Temperature variability over Africa during the last 2000 years. <i>Holocene</i> , 2013, 23, 1085-1094.	1.7	81
39	Documentary evidence of climate variability during cold seasons in Lesotho, southern Africa, 1833-1900. <i>Climate Dynamics</i> , 2010, 34, 473-499.	3.8	59
40	“A sky of brass and burning winds”: documentary evidence of rainfall variability in the Kingdom of Lesotho, Southern Africa, 1824-1900. <i>Climatic Change</i> , 2010, 101, 617-653.	3.6	65
41	“Splendid rains have fallen”: links between El Niño and rainfall variability in the Kalahari, 1840-1900. <i>Climatic Change</i> , 2008, 86, 257-290.	3.6	58
42	Drylands “ Linking landscape processes to sedimentary environments, London, UK. February 2005. <i>Geomorphology</i> , 2007, 85, 1-2.	2.6	4
43	Calcrete “fossilisation” of alluvial fans in SE Spain: The roles of groundwater, pedogenic processes and fan dynamics in calcrete development. <i>Geomorphology</i> , 2007, 85, 63-84.	2.6	35
44	Drylands: Linking landscape processes to sedimentary environments. <i>Sedimentary Geology</i> , 2007, 195, 1-3.	2.1	4
45	“A good site for health”: Missionaries and the pathological geography of central southern Africa. <i>Singapore Journal of Tropical Geography</i> , 2007, 28, 142-157.	0.9	10
46	Holocene environmental change in the Okavango Panhandle, northwest Botswana. <i>Quaternary Science Reviews</i> , 2006, 25, 1302-1322.	3.0	37
47	Micromorphology and geochemistry of groundwater silcretes in the eastern South Downs, UK. <i>Sedimentology</i> , 2006, 53, 387-412.	3.1	31
48	“Happy is the bride the rain falls on”: climate, health and “the woman question” in nineteenth-century missionary documentation. <i>Transactions of the Institute of British Geographers</i> , 2005, 30, 368-386.	2.9	15
49	Editorial: terrestrial geochemical sediments and geomorphology. <i>Earth Surface Processes and Landforms</i> , 2004, 29, 1437-1440.	2.5	2
50	Distribution, petrology and mode of development of silcretes (sarsens and puddingstones) on the eastern South Downs, UK. <i>Earth Surface Processes and Landforms</i> , 2004, 29, 1509-1539.	2.5	36
51	A reconnaissance laser Raman and Fourier transform infrared survey of silcretes from the Kalahari Desert, Botswana. <i>Earth Surface Processes and Landforms</i> , 2004, 29, 1541-1558.	2.5	33
52	Petrology, geochemistry and environmental significance of silcrete-calcrete intergrade duricrusts at Kang Pan and Tswaane, central Kalahari, Botswana. <i>Earth Surface Processes and Landforms</i> , 2004, 29, 1559-1586.	2.5	41
53	Properties and development of channel calcretes in a mountain catchment, Tabernas Basin, southeast Spain. <i>Geomorphology</i> , 2003, 50, 227-250.	2.6	37
54	Late Pleistocene wetting and drying in the NW Kalahari: an integrated study from the Tsodilo Hills, Botswana. <i>Quaternary International</i> , 2003, 104, 53-67.	1.5	96

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55	Kalahari valley calcretes: their nature, origins, and environmental significance. <i>Quaternary International</i> , 2003, 111, 3-22.	1.5	87
56	A 19th century climate chronology for the Kalahari region of central southern Africa derived from missionary correspondence. <i>International Journal of Climatology</i> , 2002, 22, 821-841.	3.5	88
57	Drought, desiccation and discourse: missionary correspondence and nineteenth-century climate change in central southern Africa. <i>Geographical Journal</i> , 2002, 168, 33-47.	3.1	66
58	Missionaries and Morals: Climatic Discourse in Nineteenth-Century Central Southern Africa. <i>Annals of the American Association of Geographers</i> , 2002, 92, 727-742.	3.0	34
59	Field meeting: landscape evolution in the eastern South Downs, with particular reference to sarsens and Quaternary deposits, Saturday 17 October, 1998. <i>Proceedings of the Geologists Association</i> , 2000, 111, 91-96.	1.1	4
60	Doing Independent Overseas Fieldwork 1: Practicalities and pitfalls. <i>Journal of Geography in Higher Education</i> , 2000, 24, 139-149.	2.6	12
61	Valley-marginal sand dunes in the south-west Kalahari: their nature, classification and possible origins. <i>Journal of Arid Environments</i> , 2000, 45, 369-383.	2.4	38
62	Experimental study of wind directional variability in the vicinity of a model valley. <i>Geomorphology</i> , 2000, 35, 127-143.	2.6	38
63	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. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2000, 156, 243-259.	2.3	103
64	Doing Independent Overseas Fieldwork 2: Getting Funding. <i>Journal of Geography in Higher Education</i> , 2000, 24, 425-433.	2.6	2
65	World Atlas of Desertification. <i>Geographical Journal</i> , 1999, 165, 325.	3.1	4
66	Silica and carbonate relationships in silcrete-calcrete intergrade duricrusts from the Kalahari of Botswana and Namibia. <i>Journal of African Earth Sciences</i> , 1998, 27, 11-25.	2.0	63
67	Drainage-line silcretes of the Middle Kalahari: an analogue for Cenozoic sarsen trains?. <i>Proceedings of the Geologists Association</i> , 1998, 109, 241-254.	1.1	13
68	Recent advances in silcrete research and their implications for the origin and palaeoenvironmental significance of sarsens. <i>Proceedings of the Geologists Association</i> , 1998, 109, 255-270.	1.1	42
69	Dual mechanisms for the formation of fluvial silcretes in the distal reaches of the Okavango Delta fan, Botswana. <i>Earth Surface Processes and Landforms</i> , 1998, 23, 705-714.	2.5	44
70	Multiple calcrete profiles in the Tabernas Basin, southeast Spain: their origins and geomorphic implications. <i>Earth Surface Processes and Landforms</i> , 1998, 23, 1009-1029.	2.5	56
71	Linear dune pattern variability in the vicinity of dry valleys in the southwest Kalahari. <i>Geomorphology</i> , 1998, 23, 35-54.	2.6	42
72	LATE HOLOCENE SEDIMENTATION RATES AND GEOMORPHOLOGICAL SIGNIFICANCE OF THE NCAMASERE VALLEY, OKAVANGO DELTA, BOTSWANA. <i>Southern African Geographical Journal</i> , 1997, 79, 93-100.	1.8	9

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73	Book reviews : Lancaster, N. 1995: Geomorphology of desert dunes. London: Routledge. 312 pp. £55.00 cloth, £17.99 paper. ISBN: 0415060931 cloth, 0 415 06094 X paper. Progress in Physical Geography, 1997, 21, 618-619.	3.2	0
74	On the Dry Valleys of the Kalahari: Documentary Evidence of Environmental Change in Central Southern Africa. Geographical Journal, 1996, 162, 154.	3.1	26
75	GROUNDWATER SAPPING AND VALLEY DEVELOPMENT IN THE HACKNESS HILLS, NORTH YORKSHIRE, ENGLAND. , 1996, 21, 781-795.		26
76	Surficial processes and landscape evolution: Rift valleys and arid terrains. Geomorphology, 1995, 11, 257-258.	2.6	0
77	Duricrust development and valley evolution: Processes and Landforms, 1994, 19, 299-317.	2.5	67
78	Siliceous duricrusts as palaeoclimatic indicators: evidence from the Kalahari desert of Botswana. Palaeogeography, Palaeoclimatology, Palaeoecology, 1994, 112, 279-295.	2.3	42
79	Present day lunette sediment cycling at Witpan in the arid southwestern Kalahari Desert. Catena, 1993, 20, 515-527.	5.0	47
80	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
81	Introduction: Geochemical Sediments in Landscapes. , 0, , 1-9.		1
82	Geochemical Sediments and Landscapes: General Summary. , 0, , 443-446.		0