Kevin Hall

List of Publications by Year
in descending order

80 papers	3,077 citations	136885 32 h-index	168321 53 g-index
80 all docs	80 docs citations	80 times ranked	2558 citing authors

#	Article	IF	Citations
1	Rock Decay in Cold Regions. , 2021, , .		0
2	Universal Shapes? Analysis of the Shape of Antarctic Tafoni. Geosciences (Switzerland), 2019, 9, 154.	1.0	7
3	Comparative water use in short-rotation Eucalyptus benthamii and Pinus taeda trees in the Southern United States. Forest Ecology and Management, 2017, 397, 126-138.	1.4	29
4	Using morphospaces to understand tafoni development. Geomorphology, 2016, 261, 193-199.	1.1	12
5	Defining tafoni. Progress in Physical Geography, 2015, 39, 775-793.	1.4	34
6	Thermal fatigue and thermal shock in bedrock: An attempt to unravel the geomorphic processes and products. Geomorphology, 2014, 206, 1-13.	1.1	78
7	A community-based geological reconstruction of Antarctic Ice Sheet deglaciation since the Last Glacial Maximum. Quaternary Science Reviews, 2014, 100, 1-9.	1.4	228
8	Terrestrial and submarine evidence for the extent and timing of the Last Glacial Maximum and the onset of deglaciation on the maritime-Antarctic and sub-Antarctic islands. Quaternary Science Reviews, 2014, 100, 137-158.	1.4	95
9	The role of fieldwork in rock decay research: Case studies from the fringe. Geomorphology, 2013, 200, 59-74.	1.1	18
10	Periglacial processes and landforms of the Antarctic: a review of recent studies and directions. Geological Society Special Publication, 2013, 381, 429-453.	0.8	2
11	A reply to Dr Knight in regard to his comments relating to â€˜The shape of glacial valleys and implications for southern African glaciationâ€™ (Hall). Southern African Geographical Journal, 2012, 94, 4-8.	0.9	2
12	On the persistence of â€˜weatheringâ€™. Geomorphology, 2012, 149-150, 1-10.	1.1	94
13	The historical legacy of spatial scales in freezeâ€“thaw weathering: Misrepresentation and resulting misdirection. Geomorphology, 2011, 130, 83-90.	1.1	48
14	Glaciation in Southern Africa and in the Sub-Antarctic. Developments in Quaternary Sciences, 2011, 15, 1081-1085.	0.1	3
15	Natural building stone composed of light-transmissive minerals: impacts on thermal gradients, weathering and microbial colonization. A preliminary study, tentative interpretations, and future directions. Environmental Earth Sciences, 2011, 62, 289-297.	1.3	18
16	Marion Island volcanism and glaciation. Antarctic Science, 2011, 23, 155-163.	0.5	19
17	Some further observations regarding â€œcryoplanation terracesâ€•on Alexander Island. Antarctic Science, 2010, 22, 175-183.	0.5	13
18	Light penetration into Clarens sandstone and implications for deterioration of San rock art. Geoarchaeology - an International Journal, 2010, 25, 122-136.	0.7	19

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19	The shape of glacial valleys and implications for southern African glaciation. Southern African Geographical Journal, 2010, 92, 35-44.	0.9	9
20	ROCK ART VS CULTURAL STONE: SOME GEOMORPHOLOGICAL PERSPECTIVES ON WEATHERING AND CONSERVATION UNDER A CHANGING CLIMATE. Southern African Geographical Journal, 2009, 91, 58-62.	0.9	3
21	The first Raman spectroscopic study of San rock art in the Ukhahlamba Drakensberg Park, South Africa. Journal of Raman Spectroscopy, 2008, 39, 646-654.	1.2	78
22	Weathering of granite in Antarctica: II. Thermal stress at the grain scale. Earth Surface Processes and Landforms, 2008, 33, 475-493.	1.2	46
23	Weathering of granite in Antarctica: I. Light penetration into rock and implications for rock weathering and endolithic communities. Earth Surface Processes and Landforms, 2008, 33, 295-307.	1.2	37
24	Tafoni development in a cryotic environment: an example from Northern Victoria Land, Antarctica. Earth Surface Processes and Landforms, 2008, 33, 1502-1519.	1.2	41
25	Minerals provide tints and possible binder/extender in pigments in san rock paintings (South Africa). Geoarchaeology - an International Journal, 2008, 23, 293-304.	0.7	32
26	Stone runs in the Falkland Islands: Periglacial or tropical?. Geomorphology, 2008, 95, 524-543.	1.1	37
27	The thermal responses of rock art pigments: Implications for rock art weathering in southern Africa. Geomorphology, 2007, 91, 132-145.	1.1	47
28	Evidence for freezeâ€“thaw events and their implications for rock weathering in northern Canada: II. The temperature at which water freezes in rock. Earth Surface Processes and Landforms, 2007, 32, 249-259.	1.2	47
29	Mechanical weathering rates on Signy Island, maritime antarctic. Permafrost and Periglacial Processes, 2007, 1, 61-67.	1.5	21
30	Temperature observations in Antarctic tafoni: implications for weathering, biological colonization, and tafoni formation. Antarctic Science, 2006, 18, 377-384.	0.5	18
31	A note on biological weathering on nunataks of the juneau icefield, Alaska. Permafrost and Periglacial Processes, 2006, 1, 189-196.	1.5	37
32	Freeze-Thaw. , 2006, , 373-394.		3
33	Les perceptions de la mÃ©tÃ©orisation des roches dans les rÃ©gions froidesÂ: Ã propos des paramÃ¨tres spatiaux et temporels de lâ€™Ã©chelle dâ€™analyse. Geomorphologie Relief, Processus, Environnement, 2006, 12, .	0.7	6
34	Rock albedo and monitoring of thermal conditions in respect of weathering: some expected and some unexpected results. Earth Surface Processes and Landforms, 2005, 30, 801-811.	1.2	48
35	Honeycomb development on Alexander Island, glacial history of George VI Sound and palaeoclimatic implications (Two Step Cliffs/Mars Oasis, W Antarctica). Geomorphology, 2005, 65, 117-138.	1.1	40
36	The influence of aspect on the biological weathering of granites: observations from the Kunlun Mountains, China. Geomorphology, 2005, 67, 171-188.	1.1	47

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37	Optical Rock Properties and Weathering Processes in Polar Environments (with Special Reference to) Tj ETQq1 1 0.784314 rgBT /Ove	0.8	6
38	Evidence for freezeâ€“thaw events and their implications for rock weathering in northern Canada. Earth Surface Processes and Landforms, 2004, 29, 43-57.	1.2	91
39	Quaternary glaciation of the sub-Antarctic Islands. Developments in Quaternary Sciences, 2004, , 339-345.	0.1	12
40	Rock thermal data at the grain scale: applicability to granular disintegration in cold environments. Earth Surface Processes and Landforms, 2003, 28, 823-836.	1.2	96
41	Zoogeomorphology in the Alpine: some observations on abioticâ€“biotic interactions. Geomorphology, 2003, 55, 219-234.	1.1	50
42	Weathering in cold regions: some thoughts and perspectives. Progress in Physical Geography, 2002, 26, 577-603.	1.4	187
43	Nivation and cryoplanation: the case for scrutiny and integration. Progress in Physical Geography, 2002, 26, 533-550.	1.4	53
44	New insights into rock weathering from high-frequency rock temperature data: an Antarctic study of weathering by thermal stress. Geomorphology, 2001, 41, 23-35.	1.1	157
45	A study of valley-side slope asymmetry based on the application of GIS analysis: Alexander Island, Antarctica. Antarctic Science, 2000, 12, 471-476.	0.5	7
46	Animals as Erosion Agents in the Alpine Zone: Some Data and Observations from Canada, Lesotho, and Tibet. Arctic, Antarctic, and Alpine Research, 1999, 31, 436-446.	0.4	28
47	Animals as Erosion Agents in the Alpine Zone: Some Data and Observations from Canada, Lesotho, and Tibet. Arctic, Antarctic, and Alpine Research, 1999, 31, 436.	0.4	22
48	The role of thermal stress fatigue in the breakdown of rock in cold regions. Geomorphology, 1999, 31, 47-63.	1.1	222
49	Rock temperatures and implications for cold region weathering. II: New data from Rothera, Adelaide Island, Antarctica. Permafrost and Periglacial Processes, 1998, 9, 47-55.	1.5	33
50	Nivation or cryoplanation: Different terms, same features?. Polar Geography, 1998, 22, 1-16.	0.8	14
51	Observations on â€œcryoplanationâ€•benches in Antarctica. Antarctic Science, 1997, 9, 181-187.	0.5	19
52	Zoological erosion in permafrost environments: A possible origin of dells?¹. Polar Geography, 1997, 21, 1-9.	0.8	7
53	Rock Temperatures and Implications for Cold Region Weathering. I: New Data from Viking Valley, Alexander Island, Antarctica. Permafrost and Periglacial Processes, 1997, 8, 69-90.	1.5	89
54	Some Observations Regarding Protalus Ramparts. Permafrost and Periglacial Processes, 1997, 8, 245-249.	1.5	11

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55	Rock Temperatures and Implications for Cold Region Weathering. I: New Data from Viking Valley, Alexander Island, Antarctica. Permafrost and Periglacial Processes, 1997, 8, 69-90.	1.5	1
56	WEATHERING BY WETTING AND DRYING: SOME EXPERIMENTAL RESULTS. Earth Surface Processes and Landforms, 1996, 21, 365-376.	1.2	82
57	Polar geographyat 20 years. Polar Geography, 1996, 20, 1-2.	0.8	0
58	Freezeâ€thaw weathering: The cold region â€œPanaceaâ€1. Polar Geography, 1995, 19, 79-87.	0.8	29
59	Some observations regarding sorted stripes, livingston island, south shetlands. Permafrost and Periglacial Processes, 1994, 5, 119-126.	1.5	10
60	Enhanced bedrock weathering in association with late-lying snowpatches: Evidence from Livingston Island, Antarctica. Earth Surface Processes and Landforms, 1993, 18, 121-129.	1.2	38
61	Rock moisture data from Livingston Island (maritime antarctic) and implications for weathering processes. Permafrost and Periglacial Processes, 1993, 4, 245-253.	1.5	28
62	A Discussion of the Need for Greater Rigour in Southern African Cryogenic Studies. Southern African Geographical Journal, 1992, 74, 69-71.	0.9	8
63	Geocryology of the Americasâ€"IGCP project no 297. Permafrost and Periglacial Processes, 1991, 2, 3-3.	1.5	3
64	Thermal gradients and rock weathering at low temperatures: Some simulation data. Permafrost and Periglacial Processes, 1991, 2, 103-112.	1.5	53
65	Introductionâ€"Cryogenic weathering. Permafrost and Periglacial Processes, 1991, 2, 269-270.	1.5	7
66	Rock moisture data from the juneau icefield (alaska) and its significance for mechanical weathering studies. Permafrost and Periglacial Processes, 1991, 2, 321-330.	1.5	18
67	The Allocation of the Freeze-Thaw Weathering Mechanism in Geocryological Studies. Southern African Geographical Journal, 1991, 73, 10-13.	0.9	10
68	Wind-blown particles as weathering agents? An antarctic example. Geomorphology, 1989, 2, 405-410.	1.1	23
69	Antarctic rock weathering simulations: simulator design, application and use. Antarctic Science, 1989, 1, 45-50.	0.5	8
70	Palaeoenvironmental reconstruction from redeposited weathered clasts in the CIROS-1 drill core. Antarctic Science, 1989, 1, 235-238.	0.5	5
71	A laboratory simulation of rock breakdown due to freeze-thaw in a maritime Antarctic environment. Earth Surface Processes and Landforms, 1988, 13, 369-382.	1.2	44
72	The physical properties of quartz-micaschist and their application to freeze-thaw weathering studies in the maritime antarctic. Earth Surface Processes and Landforms, 1987, 12, 137-149.	1.2	20

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73	Rock moisture content in the field and the laboratory and its relationship to mechanical weathering studies. Earth Surface Processes and Landforms, 1986, 11, 131-142.	1.2	64
74	Evidence in favour of an extensive ice cover on sub-Antarctic Kerguelen Island during the last glacial. Palaeogeography, Palaeoclimatology, Palaeoecology, 1984, 47, 225-232.	1.0	17
75	Sorted stripes on sub-Antarctic Kerguelen Island. Earth Surface Processes and Landforms, 1983, 8, 115-124.	1.2	22
76	Rapid deglaciation as an initiator of volcanic activity: An hypothesis. Earth Surface Processes and Landforms, 1982, 7, 45-51.	1.2	46
77	Nivation: An Arctic-Alpine Comparison and Reappraisal. Journal of Glaciology, 1980, 25, 109-124.	1.1	44
78	Freeze-Thaw Activity at a Nivation Site in Northern Norway. Arctic and Alpine Research, 1980, 12, 183.	1.3	28
79	Sorted stripes orientated by wind action: Some observations from sub-antarctic marion island. Earth Surfaces Processes, 1979, 4, 281-289.	0.7	23
80	Late glacial ice cover and palaeotemperatures on sub-Antarctic Marion Island. Palaeogeography, Palaeoclimatology, Palaeoecology, 1979, 29, 243-259.	1.0	26