Peter G Knight

List of Publications by Year
in descending order

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64	1,012	430442	454577
papers	citations	18 h-index	30 g-index

75	75	75	717
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The basal ice layer of glaciers and ice sheets. Quaternary Science Reviews, 1997, 16, 975-993.	1.4	135
2	Evidence for two zones of debris entrainment beneath the Greenland ice sheet. Nature, 1987, 328, 238-241.	13.7	80
3	The empirical basis for modelling glacial erosion rates. Nature Communications, 2020, 11, 759.	5.8	60
4	The concept of transport capacity in geomorphology. Reviews of Geophysics, 2015, 53, 1155-1202.	9.0	54
5	A JÃ¶kulhlaup Near SÃ¸ndre StrÃ¸mfjord, West GreenLand, and Some Effects on the Ice-Sheet Margin. Journal of Glaciology, 1985, 31, 366-368.	1.1	45
6	Stacking of Basal Debris Layers Without Bulk Freezing-on: Isotopic Evidence from West Greenland. Journal of Glaciology, 1989, 35, 214-216.	1.1	44
7	Glacier surging as a control on the development of proglacial, fluvial landforms and deposits, SkeiÃ°arÃ¡rsandur, Iceland. Global and Planetary Change, 2001, 28, 163-174.	1.6	40
8	The influence of tectonic deformation on facies variability in stratified debris-rich basal ice. Quaternary Science Reviews, 2000, 19, 775-786.	1.4	39
9	Ice flow around large obstacles as indicated by basal ice exposed at the margin of the Greenland ice sheet. Journal of Glaciology, 1994, 40, 359-367.	1.1	38
10	Two-facies interpretation of the basal layer of the Greenland ice sheet contributes to a unified model of basal ice formation. Geology, 1994, 22, 971.	2.0	37
11	Glaciohydraulic supercooling: the process and its significance. Progress in Physical Geography, 2006, 30, 577-588.	1.4	37
12	The geography of basal ice and its relationship to glaciohydraulic supercooling: SvÃ¤fellsjÃ¶kull, southeast Iceland. Quaternary Science Reviews, 2007, 26, 2309-2315.	1.4	32
13	Role of glaciohydraulic supercooling in the formation of stratified facies basal ice: SvÃ¤fellsjÃ¶kull and SkaftafellsjÃ¶kull, southeast Iceland. Boreas, 2010, 39, 24-38.	1.2	30
14	Discharge of debris from ice at the margin of the Greenland ice sheet. Journal of Glaciology, 2002, 48, 192-198.	1.1	29
15	Glacier sliding, regelation water flow and development of basal ice. Journal of Glaciology, 1994, 40, 600-601.	1.1	21
16	Preservation of basal-ice sediment texture in ice-sheet moraines. Quaternary Science Reviews, 2000, 19, 1255-1258.	1.4	21
17	Glacier advance, ice-marginal lakes and routing of meltwater and sediment: Russell Glacier, Greenland. Journal of Glaciology, 2000, 46, 423-426.	1.1	20
18	Identification of basal layer debris in ice-marginal moraines, Russell Glacier, West Greenland. Quaternary Science Reviews, 2003, 22, 1407-1414.	1.4	20

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19	Glacier sliding, regelation water flow and development of basal ice. Journal of Glaciology, 1994, 40, 600-601.	1.1	19
20	Ice deformation very close to the ice-sheet margin in West Greenland. Journal of Glaciology, 1992, 38, 3-8.	1.1	18
21	Stable Isotopes and Debris in Basal Glacier Ice, South Georgia, Southern Ocean. Journal of Glaciology, 1987, 33, 324-329.	1.1	17
22	Stable Isotopes and Debris in Basal Glacier Ice, South Georgia, Southern Ocean. Journal of Glaciology, 1987, 33, 324-329.	1.1	14
23	Crisis in education. Nature, 1990, 346, 310-310.	13.7	12
24	A morphological, sedimentological and geophysical investigation of the Woore Moraine, Shropshire, England. Proceedings of the Geologists Association, 2009, 120, 233-244.	0.6	11
25	Mechanical Behaviour and Structure of the Debris-Rich Basal Ice Layer. , 0, , 329-335.		9
26	Changes in iceâ€margin processes and sediment routing during iceâ€sheet advance across a marginal moraine. Geografiska Annaler, Series A: Physical Geography, 2007, 89, 203-215.	0.6	9
27	Technical note. Using LANDSAT MSS data for measuring ice sheet retreat. International Journal of Remote Sensing, 1987, 8, 1069-1074.	1.3	8
28	Laboratory observations of debris-bearing ice facies frozen from supercooled water. Journal of Glaciology, 2005, 51, 337-339.	1.1	8
29	Physical Geography: Learning and teaching in a discipline so dynamic that textbooks can't keep up!. Geography, 2007, 92, 57-61.	0.2	8
30	A JÃ¶kulhlaup Near SÃ¸ndre StrÃ¸mfjord, West GreenLand, and Some Effects on the Ice-Sheet Margin. Journal of Glaciology, 1985, 31, 366-368.	1.1	7
31	The Basal Ice and Debris Sequence at the Margin of an Equatorial Ice Cap; El Cotopaxi, Ecuador. Geografiska Annaler, Series A: Physical Geography, 1988, 70, 9.	0.6	7
32	Periodic drainage of ice-dammed lakes as a result of variations in glacier velocity. Hydrological Processes, 1991, 5, 175-184.	1.1	7
33	Most recent observations of the drainage of an ice-dammed lake at Russell Glacier, West Greenland, and a new hypothesis regarding mechanisms of drainage initiation. Journal of Glaciology, 1993, 39, 701-703.	1.1	6
34	Ice flow around large obstacles as indicated by basal ice exposed at the margin of the Greenland ice sheet. Journal of Glaciology, 1994, 40, 359-367.	1.1	6
35	Basal glacier ice and massive ground ice: different scientists, same science?. Geological Society Special Publication, 2009, 320, 57-69.	0.8	5
36	Laboratory observations of sediment entrainment by freezing supercooled water. Geografiska Annaler, Series A: Physical Geography, 2012, 94, 351-362.	0.6	5

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37	A computer program for glacier-surface plain-strain analysis. Journal of Glaciology, 1987, 33, 249-250.	1.1	4
38	The Basal Ice and Debris Sequence at the Margin of an Equatorial Ice Cap; El Cotopaxi, Ecuador. Geografiska Annaler, Series A: Physical Geography, 1988, 70, 9-13.	0.6	4
39	Glaciers: art and history, science and uncertainty. Interdisciplinary Science Reviews, 2004, 29, 385-393.	1.0	4
40	Debris structures in basal ice exposed at the margin of the Greenland ice sheet. Boreas, 2008, 24, 11-12.	1.2	4
41	Laboratory Observations of Ice Formation and Debris Entrainment By Freezing Turbid Supercooled Water. , 0, , 456-458.		3
42	Overcoming the barriers to the use of journal articles within the geosciences. Planet, 2012, 25, 27-32.	0.1	3
43	Ice deformation very close to the ice-sheet margin in West Greenland. Journal of Glaciology, 1992, 38, 3-8.	1.1	3
44	Most recent observations of the drainage of an ice-dammed lake at Russell Glacier, West Greenland, and a new hypothesis regarding mechanisms of drainage initiation. Journal of Glaciology, 1993, 39, 701-703.	1.1	3
45	A computer program for glacier-surface plain-strain analysis. Journal of Glaciology, 1987, 33, 249-250.	1.1	3
46	The geography of field research in Iceland. Scottish Geographical Journal, 1993, 109, 180-186.	0.4	1
47	Glaciers. , 0, , .		1
48	Kames. Encyclopedia of Earth Sciences Series, 2009, , 483-483.	0.1	1
49	Glaciology. Encyclopedia of Earth Sciences Series, 2011, , 440-443.	0.1	1
50	Glaciers. Progress in Physical Geography, 1998, 22, 407-411.	1.4	1
51	Glacial Deposits in Great Britain and Ireland. Transactions of the Institute of British Geographers, 1993, 18, 404.	1.8	0
52	Book reviews : Paterson, W.S.B. 1994: The physics of glaciers (3rd edn). Oxford: Elsevier Science. x + 486pp. Â£70.00, US $110.00 cloth, Â£25.00, US $40.00 paper. ISBN: 0 08 037945 1 (cloth), 0 08 037944 3 (paper). Progress in Physical Geography, 1995, 19, 571-572.	1.4	0
53	Glaciers. Progress in Physical Geography, 1997, 21, 434-439.	1.4	0
54	A.J. Maltman, B. Hubbard and M.J. Hambrey, eds. 2000. Deformation of glacial materials. London, Geological Society (Special Publication 176). 352 pp. ISBN 1-86239-72-X, hardback. List price: Â£79.00/$132.00; Geological Society of London member price: Â£35.00/$58.00; American Association of Petroleum Geologists member price: Â£48.00/$80.00.. Journal of Glaciology, 2001, 47, 163-164.	1.1	0

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55	Glacier Science and Environmental Change: Introduction. , 0, , 1-1.		0
56	Colour atlas of glacial phenomena Michael J. Hambrey & JÃ¼rg C. Alean CRC Press, Boca Raton, USA, 2017 ISBN 978-1-4822-3440-4. 426 pp. Â£114. Antarctic Science, 2018, 30, 79-80.	0.5	0
57	Micro-Scale isotopic analysis of ice facies frozen from supercooled water. Geografiska Annaler, Series A: Physical Geography, 2020, 102, 104-117.	0.6	0
58	Kettles. Encyclopedia of Earth Sciences Series, 2009, , 483-484.	0.1	0
59	Moraines. Encyclopedia of Earth Sciences Series, 2009, , 594-594.	0.1	0
60	Outwash Plains. Encyclopedia of Earth Sciences Series, 2009, , 665-666.	0.1	0
61	Basal Ice. Encyclopedia of Earth Sciences Series, 2009, , 89-89.	0.1	0
62	Cirques. Encyclopedia of Earth Sciences Series, 2009, , 155-156.	0.1	0
63	Drumlins. Encyclopedia of Earth Sciences Series, 2009, , 284-284.	0.1	0
64	Eskers. Encyclopedia of Earth Sciences Series, 2009, , 320-321.	0.1	0