

# Peter G Knight

## List of Publications by Year in descending order

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64  
papers

1,012  
citations

430442

18  
h-index

454577

30  
g-index

75  
all docs

75  
docs citations

75  
times ranked

717  
citing authors

#	ARTICLE	IF	CITATIONS
1	Micro-Scale isotopic analysis of ice facies frozen from supercooled water. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2020, 102, 104-117.	0.6	0
2	The empirical basis for modelling glacial erosion rates. <i>Nature Communications</i> , 2020, 11, 759.	5.8	60
3	Colour atlas of glacial phenomena Michael J. Hambrey & Jarg C. Alean CRC Press, Boca Raton, USA, 2017 ISBN 978-1-4822-3440-4. 426 pp. Å£114. <i>Antarctic Science</i> , 2018, 30, 79-80.	0.5	0
4	The concept of transport capacity in geomorphology. <i>Reviews of Geophysics</i> , 2015, 53, 1155-1202.	9.0	54
5	Laboratory observations of sediment entrainment by freezing supercooled water. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2012, 94, 351-362.	0.6	5
6	Overcoming the barriers to the use of journal articles within the geosciences. <i>Planet</i> , 2012, 25, 27-32.	0.1	3
7	Glaciology. <i>Encyclopedia of Earth Sciences Series</i> , 2011, , 440-443.	0.1	1
8	Role of glaciohydraulic supercooling in the formation of stratified facies basal ice: Svanafellsjarkull and Skaftafellsjarkull, southeast Iceland. <i>Boreas</i> , 2010, 39, 24-38.	1.2	30
9	Basal glacier ice and massive ground ice: different scientists, same science?. <i>Geological Society Special Publication</i> , 2009, 320, 57-69.	0.8	5
10	A morphological, sedimentological and geophysical investigation of the Woore Moraine, Shropshire, England. <i>Proceedings of the Geologists Association</i> , 2009, 120, 233-244.	0.6	11
11	Kames. <i>Encyclopedia of Earth Sciences Series</i> , 2009, , 483-483.	0.1	1
12	Kettles. <i>Encyclopedia of Earth Sciences Series</i> , 2009, , 483-484.	0.1	0
13	Moraines. <i>Encyclopedia of Earth Sciences Series</i> , 2009, , 594-594.	0.1	0
14	Outwash Plains. <i>Encyclopedia of Earth Sciences Series</i> , 2009, , 665-666.	0.1	0
15	Basal Ice. <i>Encyclopedia of Earth Sciences Series</i> , 2009, , 89-89.	0.1	0
16	Cirques. <i>Encyclopedia of Earth Sciences Series</i> , 2009, , 155-156.	0.1	0
17	Drumlins. <i>Encyclopedia of Earth Sciences Series</i> , 2009, , 284-284.	0.1	0
18	Eskers. <i>Encyclopedia of Earth Sciences Series</i> , 2009, , 320-321.	0.1	0

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19	Debris structures in basal ice exposed at the margin of the Greenland ice sheet. <i>Boreas</i> , 2008, 24, 11-12.	1.2	4
20	The geography of basal ice and its relationship to glaciohydraulic supercooling: Sv�nafellsj�rkull, southeast Iceland. <i>Quaternary Science Reviews</i> , 2007, 26, 2309-2315.	1.4	32
21	Changes in ice�margin processes and sediment routing during ice�sheet advance across a marginal moraine. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2007, 89, 203-215.	0.6	9
22	Physical Geography: Learning and teaching in a discipline so dynamic that textbooks can't keep up!. <i>Geography</i> , 2007, 92, 57-61.	0.2	8
23	Glaciohydraulic supercooling: the process and its significance. <i>Progress in Physical Geography</i> , 2006, 30, 577-588.	1.4	37
24	Laboratory observations of debris-bearing ice facies frozen from supercooled water. <i>Journal of Glaciology</i> , 2005, 51, 337-339.	1.1	8
25	Glaciers: art and history, science and uncertainty. <i>Interdisciplinary Science Reviews</i> , 2004, 29, 385-393.	1.0	4
26	Identification of basal layer debris in ice-marginal moraines, Russell Glacier, West Greenland. <i>Quaternary Science Reviews</i> , 2003, 22, 1407-1414.	1.4	20
27	Discharge of debris from ice at the margin of the Greenland ice sheet. <i>Journal of Glaciology</i> , 2002, 48, 192-198.	1.1	29
28	Glacier surging as a control on the development of proglacial, fluvial landforms and deposits, Skei�ar�rsandur, Iceland. <i>Global and Planetary Change</i> , 2001, 28, 163-174.	1.6	40
29	A.J. Maltman, B. Hubbard and M.J. Hambrey, <i>eds.</i> 2000. Deformation of glacial materials. London, Geological Society (Special Publication 176). 352 pp. ISBN 1-86239-72-X, hardback. List price: <i>�79.00/\$132.00; Geological Society of London member price: <i>�35.00/\$58.00; American Association of Petroleum Geologists member price: <i>�48.00/\$80.00.. <i>Journal of Glaciology</i> , 2001, 47, 163-164.	1.1	0
30	Glacier advance, ice-marginal lakes and routing of meltwater and sediment: Russell Glacier, Greenland. <i>Journal of Glaciology</i> , 2000, 46, 423-426.	1.1	20
31	Preservation of basal-ice sediment texture in ice-sheet moraines. <i>Quaternary Science Reviews</i> , 2000, 19, 1255-1258.	1.4	21
32	The influence of tectonic deformation on facies variability in stratified debris-rich basal ice. <i>Quaternary Science Reviews</i> , 2000, 19, 775-786.	1.4	39
33	Glaciers. <i>Progress in Physical Geography</i> , 1998, 22, 407-411.	1.4	1
34	Glaciers. <i>Progress in Physical Geography</i> , 1997, 21, 434-439.	1.4	0
35	The basal ice layer of glaciers and ice sheets. <i>Quaternary Science Reviews</i> , 1997, 16, 975-993.	1.4	135
36	Book reviews : Paterson, W.S.B. 1994: The physics of glaciers (3rd edn). Oxford: Elsevier Science. x + 486pp. �70.00, US \$110.00 cloth, �25.00, US \$40.00 paper. ISBN: 0 08 037945 1 (cloth), 0 08 037944 3 (paper). <i>Progress in Physical Geography</i> , 1995, 19, 571-572.		0

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37	Ice flow around large obstacles as indicated by basal ice exposed at the margin of the Greenland ice sheet. <i>Journal of Glaciology</i> , 1994, 40, 359-367.	1.1	38
38	Glacier sliding, regelation water flow and development of basal ice. <i>Journal of Glaciology</i> , 1994, 40, 600-601.	1.1	21
39	Glacier sliding, regelation water flow and development of basal ice. <i>Journal of Glaciology</i> , 1994, 40, 600-601.	1.1	19
40	Two-facies interpretation of the basal layer of the Greenland ice sheet contributes to a unified model of basal ice formation. <i>Geology</i> , 1994, 22, 971.	2.0	37
41	Ice flow around large obstacles as indicated by basal ice exposed at the margin of the Greenland ice sheet. <i>Journal of Glaciology</i> , 1994, 40, 359-367.	1.1	6
42	Glacial Deposits in Great Britain and Ireland. <i>Transactions of the Institute of British Geographers</i> , 1993, 18, 404.	1.8	0
43	The geography of field research in Iceland. <i>Scottish Geographical Journal</i> , 1993, 109, 180-186.	0.4	1
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. <i>Journal of Glaciology</i> , 1993, 39, 701-703.	1.1	6
45	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. <i>Journal of Glaciology</i> , 1993, 39, 701-703.	1.1	3
46	Ice deformation very close to the ice-sheet margin in West Greenland. <i>Journal of Glaciology</i> , 1992, 38, 3-8.	1.1	18
47	Ice deformation very close to the ice-sheet margin in West Greenland. <i>Journal of Glaciology</i> , 1992, 38, 3-8.	1.1	3
48	Periodic drainage of ice-dammed lakes as a result of variations in glacier velocity. <i>Hydrological Processes</i> , 1991, 5, 175-184.	1.1	7
49	Crisis in education. <i>Nature</i> , 1990, 346, 310-310.	13.7	12
50	Stacking of Basal Debris Layers Without Bulk Freezing-on: Isotopic Evidence from West Greenland. <i>Journal of Glaciology</i> , 1989, 35, 214-216.	1.1	44
51	The Basal Ice and Debris Sequence at the Margin of an Equatorial Ice Cap; El Cotopaxi, Ecuador. <i>Geografiska Annaler, Series A: Physical Geography</i> , 1988, 70, 9.	0.6	7
52	The Basal Ice and Debris Sequence at the Margin of an Equatorial Ice Cap; El Cotopaxi, Ecuador. <i>Geografiska Annaler, Series A: Physical Geography</i> , 1988, 70, 9-13.	0.6	4
53	Technical note. Using LANDSAT MSS data for measuring ice sheet retreat. <i>International Journal of Remote Sensing</i> , 1987, 8, 1069-1074.	1.3	8
54	A computer program for glacier-surface plain-strain analysis. <i>Journal of Glaciology</i> , 1987, 33, 249-250.	1.1	4

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55	Stable Isotopes and Debris in Basal Glacier Ice, South Georgia, Southern Ocean. Journal of Glaciology, 1987, 33, 324-329.	1.1	17
56	Stable Isotopes and Debris in Basal Glacier Ice, South Georgia, Southern Ocean. Journal of Glaciology, 1987, 33, 324-329.	1.1	14
57	Evidence for two zones of debris entrainment beneath the Greenland ice sheet. Nature, 1987, 328, 238-241.	13.7	80
58	A computer program for glacier-surface plain-strain analysis. Journal of Glaciology, 1987, 33, 249-250.	1.1	3
59	A Jökulhlaup Near Søndre Strømfjord, West Greenland, and Some Effects on the Ice-Sheet Margin. Journal of Glaciology, 1985, 31, 366-368.	1.1	7
60	A Jökulhlaup Near Søndre Strømfjord, West Greenland, and Some Effects on the Ice-Sheet Margin. Journal of Glaciology, 1985, 31, 366-368.	1.1	45
61	Laboratory Observations of Ice Formation and Debris Entrainment By Freezing Turbid Supercooled Water. , 0, , 456-458.		3
62	Mechanical Behaviour and Structure of the Debris-Rich Basal Ice Layer. , 0, , 329-335.		9
63	Glacier Science and Environmental Change: Introduction. , 0, , 1-1.		0
64	Glaciers. , 0, , .		1