

Cornelis Van der Veen

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

415
citations

1040056

9
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

667
citing authors

#	ARTICLE	IF	CITATIONS
1	Fracture propagation as means of rapidly transferring surface meltwater to the base of glaciers. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	177
2	Predicting the Geothermal Heat Flux in Greenland: A Machine Learning Approach. <i>Geophysical Research Letters</i> , 2017, 44, 12,271.	4.0	41
3	Controls on advance of tidewater glaciers: Results from numerical modeling applied to Columbia Glacier. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	37
4	Friction at the bed does not control fast glacier flow. <i>Science</i> , 2018, 361, 273-277.	12.6	36
5	Subglacial topography and geothermal heat flux: Potential interactions with drainage of the Greenland ice sheet. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	31
6	Surface roughness over the northern half of the Greenland Ice Sheet from airborne laser altimetry. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	26
7	Surface roughness on the Greenland Ice Sheet from airborne laser altimetry. <i>Geophysical Research Letters</i> , 1998, 25, 3887-3890.	4.0	21
8	Significant contribution of small icebergs to the freshwater budget in Greenland fjords. <i>Communications Earth & Environment</i> , 2020, 1, 31.	6.8	11
9	Constraining the geothermal heat flux in Greenland at regions of radar-detected basal water. <i>Journal of Glaciology</i> , 2019, 65, 1023-1034.	2.2	10
10	An Improved Analytical Solution for the Temperature Profile of Ice Sheets. <i>Journal of Geophysical Research F: Earth Surface</i> , 2019, 124, 271-286.	2.8	8
11	Equilibrium dynamics of ice streams: a Bayesian statistical analysis. <i>Statistical Methods and Applications</i> , 2008, 17, 145-165.	1.2	6
12	Fractal Properties of Greenland Isolines. <i>Mathematical Geosciences</i> , 2019, 51, 1075-1090.	2.4	6
13	Response to Comment on "Friction at the bed does not control fast glacier flow" <i>Science</i> , 2019, 363, .	12.6	5
14	Basal Crevasse Formation on Byrd Glacier, East Antarctica, as Proxy for Past Subglacial Flooding Events. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL090978.	4.0	0