

ClÃ©ment MiÃ¶ge

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3302673/publications.pdf>

Version: 2024-02-01

26
papers

831
citations

516561

16
h-index

580701

25
g-index

33
all docs

33
docs citations

33
times ranked

818
citing authors

#	ARTICLE	IF	CITATIONS
1	Shallow firn cores 1989–2019 in southwest Greenland's percolation zone reveal decreasing density and ice layer thickness after 2012. <i>Journal of Glaciology</i> , 2022, 68, 431-442.	1.1	12
2	Supraglacial River Forcing of Subglacial Water Storage and Diurnal Ice Sheet Motion. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091418.	1.5	22
3	Sentinel-1 Detects Firn Aquifers in the Greenland Ice Sheet. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL085192.	1.5	17
4	Integrated Borehole, Radar, and Seismic Velocity Analysis Reveals Dynamic Spatial Variations Within a Firn Aquifer in Southeast Greenland. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089335.	1.5	5
5	Hydrologic Properties of a Highly Permeable Firn Aquifer in the Wilkins Ice Shelf, Antarctica. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089552.	1.5	20
6	Hydrology of a Perennial Firn Aquifer in Southeast Greenland: An Overview Driven by Field Data. <i>Water Resources Research</i> , 2020, 56, e2019WR026348.	1.7	18
7	A Probabilistic Automated Isochrone Picking Routine to Derive Annual Surface Mass Balance From Radar Echograms. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2020, 58, 8598-8611.	2.7	3
8	Evaluation of CloudSat's Cloud Profiling Radar for Mapping Snowfall Rates Across the Greenland Ice Sheet. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD031411.	1.2	10
9	Direct Observation of Winter Meltwater Drainage From the Greenland Ice Sheet. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086521.	1.5	15
10	Firn data compilation reveals widespread decrease of firn air content in western Greenland. <i>Cryosphere</i> , 2019, 13, 845-859.	1.5	37
11	Estimating water volume stored in the south-eastern Greenland firn aquifer using magnetic-resonance soundings. <i>Journal of Applied Geophysics</i> , 2018, 150, 11-20.	0.9	16
12	Direct Evidence of Meltwater Flow Within a Firn Aquifer in Southeast Greenland. <i>Geophysical Research Letters</i> , 2018, 45, 207-215.	1.5	19
13	Investigating a firn aquifer near Helheim Glacier (South-Eastern Greenland) with magnetic resonance soundings and ground-penetrating radar. <i>Near Surface Geophysics</i> , 2018, 16, 411-422.	0.6	4
14	Meltwater storage in low-density near-surface bare ice in the Greenland ice sheet ablation zone. <i>Cryosphere</i> , 2018, 12, 955-970.	1.5	43
15	Investigation of Firn Aquifer Structure in Southeastern Greenland Using Active Source Seismology. <i>Frontiers in Earth Science</i> , 2017, 5, .	0.8	21
16	Hydraulic Conductivity of a Firn Aquifer in Southeast Greenland. <i>Frontiers in Earth Science</i> , 2017, 5, .	0.8	24
17	Firn Meltwater Retention on the Greenland Ice Sheet: A Model Comparison. <i>Frontiers in Earth Science</i> , 2017, 5, .	0.8	62
18	FIRN AQUIFER STRUCTURE IN SOUTHEASTERN GREENLAND FROM ACTIVE SOURCE SEISMOLOGY. , 2017, , .		0

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19	Spatial extent and temporal variability of Greenland firn aquifers detected by ground and airborne radars. <i>Journal of Geophysical Research F: Earth Surface</i> , 2016, 121, 2381-2398.	1.0	68
20	The effects of dating uncertainties on net accumulation estimates from firn cores. <i>Journal of Glaciology</i> , 2015, 61, 163-172.	1.1	5
21	Initial in situ measurements of perennial meltwater storage in the Greenland firn aquifer. <i>Geophysical Research Letters</i> , 2014, 41, 81-85.	1.5	81
22	Extensive liquid meltwater storage in firn within the Greenland ice sheet. <i>Nature Geoscience</i> , 2014, 7, 95-98.	5.4	196
23	Ice volume estimation inferred from ice thickness and surface measurements for Continental Glacier, Wind River Range, Wyoming, USA. <i>Journal of Glaciology</i> , 2014, 60, 478-488.	1.1	9
24	Greenland Ice Sheet Mass Balance Reconstruction. Part I: Net Snow Accumulation (1600â€“2009). <i>Journal of Climate</i> , 2013, 26, 3919-3934.	1.2	49
25	Southeast Greenland high accumulation rates derived from firn cores and ground-penetrating radar. <i>Annals of Glaciology</i> , 2013, 54, 322-332.	2.8	47
26	An observed negative trend in West Antarctic accumulation rates from 1975 to 2010: Evidence from new observed and simulated records. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 4205-4216.	1.2	22