

Michael H Wood

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,672
citations

687220

13
h-index

839398

18
g-index

26
all docs

26
docs citations

26
times ranked

1829
citing authors

#	ARTICLE	IF	CITATIONS
1	Export of Ice Sheet Meltwater from Upernavik Fjord, West Greenland. <i>Journal of Physical Oceanography</i> , 2022, 52, 363-382.	0.7	8
2	Characteristic Depths, Fluxes, and Timescales for Greenland's Tidewater Glacier Fjords From Subglacial Discharge-Driven Upwelling During Summer. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	11
3	Ice dynamics will remain a primary driver of Greenland ice sheet mass loss over the next century. <i>Communications Earth & Environment</i> , 2021, 2, .	2.6	51
4	Retreat of Humboldt Gletscher, North Greenland, Driven by Undercutting From a Warmer Ocean. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091342.	1.5	10
5	Calving Front Machine (CALFIN): glacial termini dataset and automated deep learning extraction method for Greenland, 1972-2019. <i>Cryosphere</i> , 2021, 15, 1663-1675.	1.5	38
6	Ocean forcing drives glacier retreat in Greenland. <i>Science Advances</i> , 2021, 7, .	4.7	86
7	Ocean melting of the Zachariae Isstrøm and Nioghalvfjordsfjorden glaciers, northeast Greenland. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	30
8	The International Bathymetric Chart of the Arctic Ocean Version 4.0. <i>Scientific Data</i> , 2020, 7, 176.	2.4	129
9	Bathymetry of Southeast Greenland From Oceans Melting Greenland (OMG) Data. <i>Geophysical Research Letters</i> , 2019, 46, 11197-11205.	1.5	12
10	Modeling the response of northwest Greenland to enhanced ocean thermal forcing and subglacial discharge. <i>Cryosphere</i> , 2019, 13, 723-734.	1.5	41
11	Detection of Glacier Calving Margins with Convolutional Neural Networks: A Case Study. <i>Remote Sensing</i> , 2019, 11, 74.	1.8	56
12	Forty-six years of Greenland Ice Sheet mass balance from 1972 to 2018. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 9239-9244.	3.3	452
13	Vulnerability of Southeast Greenland Glaciers to Warm Atlantic Water From Operation IceBridge and Ocean Melting Greenland Data. <i>Geophysical Research Letters</i> , 2018, 45, 2688-2696.	1.5	51
14	Comparison of four calving laws to model Greenland outlet glaciers. <i>Cryosphere</i> , 2018, 12, 3735-3746.	1.5	30
15	Control of Ocean Temperature on Jakobshavn Isbrø's Present and Future Mass Loss. <i>Geophysical Research Letters</i> , 2018, 45, 12,912.	1.5	15
16	Ocean-Induced Melt Triggers Glacier Retreat in Northwest Greenland. <i>Geophysical Research Letters</i> , 2018, 45, 8334-8342.	1.5	65
17	Modeling the Response of Nioghalvfjordsfjorden and Zachariae Isstrøm Glaciers, Greenland, to Ocean Forcing Over the Next Century. <i>Geophysical Research Letters</i> , 2017, 44, 11,071.	1.5	41
18	BedMachine v3: Complete Bed Topography and Ocean Bathymetry Mapping of Greenland From Multibeam Echo Sounding Combined With Mass Conservation. <i>Geophysical Research Letters</i> , 2017, 44, 11051-11061.	1.5	536