Michael H Wood

List of Publications by Year
in descending order

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