

Romain Millan

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

2,523
citations

394421

19
h-index

552781

26
g-index

26
all docs

26
docs citations

26
times ranked

2632
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. <i>Geophysical Research Letters</i> , 2017, 44, 11051-11061.	4.0	536
2	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.	7.1	452
3	Deep glacial troughs and stabilizing ridges unveiled beneath the margins of the Antarctic ice sheet. <i>Nature Geoscience</i> , 2020, 13, 132-137.	12.9	431
4	Comprehensive Annual Ice Sheet Velocity Mapping Using Landsat-8, Sentinel-1, and RADARSAT-2 Data. <i>Remote Sensing</i> , 2017, 9, 364.	4.0	181
5	The International Bathymetric Chart of the Arctic Ocean Version 4.0. <i>Scientific Data</i> , 2020, 7, 176.	5.3	129
6	Ice velocity and thickness of the world's glaciers. <i>Nature Geoscience</i> , 2022, 15, 124-129.	12.9	106
7	Ocean forcing drives glacier retreat in Greenland. <i>Science Advances</i> , 2021, 7, .	10.3	86
8	Mapping Surface Flow Velocity of Glaciers at Regional Scale Using a Multiple Sensors Approach. <i>Remote Sensing</i> , 2019, 11, 2498.	4.0	68
9	Ocean-Induced Melt Triggers Glacier Retreat in Northwest Greenland. <i>Geophysical Research Letters</i> , 2018, 45, 8334-8342.	4.0	65
10	Distributed Global Debris Thickness Estimates Reveal Debris Significantly Impacts Glacier Mass Balance. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091311.	4.0	64
11	Bathymetry of the Amundsen Sea Embayment sector of West Antarctica from Operation IceBridge gravity and other data. <i>Geophysical Research Letters</i> , 2017, 44, 1360-1368.	4.0	63
12	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.	4.0	51
13	How Accurately Should We Model Ice Shelf Melt Rates?. <i>Geophysical Research Letters</i> , 2019, 46, 189-199.	4.0	47
14	Mass budget of the glaciers and ice caps of the Queen Elizabeth Islands, Canada, from 1991 to 2015. <i>Environmental Research Letters</i> , 2017, 12, 024016.	5.2	35
15	Data Reduction Using Statistical and Regression Approaches for Ice Velocity Derived by Landsat-8, Sentinel-1 and Sentinel-2. <i>Remote Sensing</i> , 2020, 12, 1935.	4.0	30
16	Bed elevation of Jakobshavn Isbrae, West Greenland, from high-resolution airborne gravity and other data. <i>Geophysical Research Letters</i> , 2017, 44, 3728-3736.	4.0	29
17	Ice Thickness and Bed Elevation of the Northern and Southern Patagonian Icefields. <i>Geophysical Research Letters</i> , 2019, 46, 6626-6635.	4.0	28
18	New gravity-derived bathymetry for the Thwaites, Crosson, and Dotson ice shelves revealing two ice shelf populations. <i>Cryosphere</i> , 2020, 14, 2869-2882.	3.9	25

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19	Bathymetry of Northwest Greenland Using “Ocean Melting Greenland” (OMG) High-Resolution Airborne Gravity and Other Data. <i>Remote Sensing</i> , 2019, 11, 131.	4.0	22
20	Insights on the Surge Behavior of Storstrømmen and L. Bistrup Brø, Northeast Greenland, Over the Last Century. <i>Geophysical Research Letters</i> , 2018, 45, 11,197.	4.0	20
21	Submarine Moraines in Southeast Greenland Fjords Reveal Contrasting Outlet Glacier Behavior since the Last Glacial Maximum. <i>Geophysical Research Letters</i> , 2019, 46, 3279-3286.	4.0	17
22	A Century of Stability of Avannarleq and Kujalleq Glaciers, West Greenland, Explained Using High-Resolution Airborne Gravity and Other Data. <i>Geophysical Research Letters</i> , 2018, 45, 3156-3163.	4.0	13
23	Constraining an Ocean Model Under Getz Ice Shelf, Antarctica, Using A Gravity-Derived Bathymetry. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086522.	4.0	12
24	Recent Evolution of Glaciers in the Manaslu Region of Nepal From Satellite Imagery and UAV Data (1970–2019). <i>Frontiers in Earth Science</i> , 2022, 9, .	1.8	8
25	Impact of Calving Dynamics on Kangilernata Sermia, Greenland. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088524.	4.0	3
26	Spatiotemporal Filling of Missing Data in Remotely Sensed Displacement Measurement Time Series. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2020, , 1-5.	3.1	2