

Ryan K Cassotto

List of Publications by Year in descending order

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papers

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1040056

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docs citations

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413
citing authors

#	ARTICLE	IF	CITATIONS
1	Granular decoherence precedes ice mélange failure and glacier calving at Jakobshavn Isbrå. Nature Geoscience, 2021, 14, 417-422.	12.9	16
2	SAR-derived flow velocity and its link to glacier surface elevation change and mass balance. Remote Sensing of Environment, 2021, 258, 112343.	11.0	16
3	Measuring the state and temporal evolution of glaciers in Alaska and Yukon using synthetic-aperture-radar-derived (SAR-derived) 3D time series of glacier surface flow. Cryosphere, 2021, 15, 4221-4239.	3.9	11
4	Non-linear glacier response to calving events, Jakobshavn Isbrå, Greenland. Journal of Glaciology, 2019, 65, 39-54.	2.2	17
5	Quantifying flow and stress in ice mélange, the world's largest granular material. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 5105-5110.	7.1	33
6	Acquisition of a 3 min, two-dimensional glacier velocity field with terrestrial radar interferometry. Journal of Glaciology, 2017, 63, 629-636.	2.2	11
7	Asynchronous behavior of outlet glaciers feeding Godthåbsfjord (Nuup Kangerlua) and the triggering of Narsap Sermia's retreat in SW Greenland. Journal of Glaciology, 2017, 63, 288-308.	2.2	40
8	Measurement of fault creep using multi-aspect terrestrial radar interferometry at Coyote Dam. , 2017, , .		1
9	Dynamic jamming of iceberg-choked fjords. Geophysical Research Letters, 2015, 42, 1122-1129.	4.0	28
10	Seasonal and interannual variations in ice mélange and its impact on terminus stability, Jakobshavn Isbrå, Greenland. Journal of Glaciology, 2015, 61, 76-88.	2.2	73
11	Outlet glacier response to forcing over hourly to interannual timescales, Jakobshavn Isbrå, Greenland. Journal of Glaciology, 2012, 58, 1212-1226.	2.2	25