

# Natalie J Robinson

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

538  
citations

840776

11  
h-index

1058476

14  
g-index

17  
all docs

17  
docs citations

17  
times ranked

558  
citing authors

#	ARTICLE	IF	CITATIONS
1	A synthesis of thermodynamic ablation at ice–ocean interfaces from theory, observations and models. <i>Ocean Modelling</i> , 2020, 154, 101692.	2.4	22
2	Observations of the Size Distribution of Frazil Ice in an Ice Shelf Water Plume. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL090498.	4.0	6
3	Ocean mixing and heat transport processes observed under the Ross Ice Shelf control its basal melting. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 16799-16804.	7.1	32
4	The connections between art and science in Antarctica: Activating Science*Art. <i>Polar Record</i> , 2019, 55, 289-296.	0.8	11
5	A Wedge Mechanism for Summer Surface Water Inflow Into the Ross Ice Shelf Cavity. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 1196-1214.	2.6	25
6	Observations of amplified roughness from crystal accretion in the sub-ice ocean boundary layer. <i>Geophysical Research Letters</i> , 2017, 44, 1814-1822.	4.0	19
7	Turbulent heat transfer as a control of platelet ice growth in supercooled under-ice ocean boundary layers. <i>Ocean Science</i> , 2016, 12, 507-515.	3.4	11
8	Observed platelet ice distributions in Antarctic sea ice: An index for ocean–ice shelf heat flux. <i>Geophysical Research Letters</i> , 2015, 42, 5442-5451.	4.0	64
9	Evolution of a supercooled Ice Shelf Water plume with an actively growing subice platelet matrix. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 3425-3446.	2.6	48
10	Signatures of supercooling: McMurdo Sound platelet ice. <i>Journal of Glaciology</i> , 2012, 58, 38-50.	2.2	60
11	The seasonal appearance of ice shelf water in coastal Antarctica and its effect on sea ice growth. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	64
12	Observations of flow and ice–ocean interaction beneath the McMurdo Ice Shelf, Antarctica. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	86
13	Observation and modeling of platelet ice fabric in McMurdo Sound, Antarctica. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	63
14	Observations of turbulence beneath sea ice in southern McMurdo Sound, Antarctica. <i>Ocean Science</i> , 2009, 5, 435-445.	3.4	25