

Scott R Springer

List of Publications by Year in descending order

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14
papers

601
citations

1040056

9
h-index

1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

1089
citing authors

#	ARTICLE	IF	CITATIONS
1	Annual cycle in flow of Ross Ice Shelf, Antarctica: contribution of variable basal melting. <i>Journal of Glaciology</i> , 2020, 66, 861-875.	2.2	7
2	Evolution of the Seasonal Surface Mixed Layer of the Ross Sea, Antarctica, Observed With Autonomous Profiling Floats. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 4934-4953.	2.6	29
3	Ross Ice Shelf response to climate driven by the tectonic imprint on seafloor bathymetry. <i>Nature Geoscience</i> , 2019, 12, 441-449.	12.9	88
4	Topographic vorticity waves forced by Antarctic dense shelf water outflows. <i>Geophysical Research Letters</i> , 2014, 41, 1247-1254.	4.0	13
5	Ocean variability contributing to basal melt rate near the ice front of Ross Ice Shelf, Antarctica. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 4214-4233.	2.6	57
6	Ice-shelf collapse from subsurface warming as a trigger for Heinrich events. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 13415-13419.	7.1	278
7	The Materiality and Neutrality of Neutral Density and Orthobaric Density. <i>Journal of Physical Oceanography</i> , 2009, 39, 1779-1799.	1.7	9
8	A nested grid model of the Oregon Coastal Transition Zone: Simulations and comparisons with observations during the 2001 upwelling season. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	26
9	The all-Atlantic temperature-salinity-pressure relation and patched potential density. <i>Journal of Marine Research</i> , 2005, 63, 59-93.	0.3	5
10	A diapycnal diffusion algorithm for isopycnal ocean circulation models with special application to mixed layers. <i>Ocean Modelling</i> , 2003, 5, 297-323.	2.4	2
11	Orthobaric Density: A Thermodynamic Variable for Ocean Circulation Studies. <i>Journal of Physical Oceanography</i> , 2000, 30, 2830-2852.	1.7	29
12	Nonlinear and dissipative dynamics in the connection region between western boundary currents and equatorial currents. <i>Journal of Geophysical Research</i> , 1993, 98, 12511-12525.	3.3	7
13	Sensitivity of wind-driven tropical Pacific Ocean simulations on seasonal and interannual time scales. <i>Journal of Marine Systems</i> , 1990, 1, 119-154.	2.1	18
14	Oceanic heat content variability in the tropical Pacific during the 1982-1983 El Niño. <i>Journal of Geophysical Research</i> , 1990, 95, 22089-22101.	3.3	33