

Susheel Adusumilli

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

1,232
citations

840776

11
h-index

1058476

14
g-index

18
all docs

18
docs citations

18
times ranked

1855
citing authors

#	ARTICLE	IF	CITATIONS
1	Pervasive ice sheet mass loss reflects competing ocean and atmosphere processes. <i>Science</i> , 2020, 368, 1239-1242.	12.6	261
2	Heat stored in the Earth system: where does the energy go?. <i>Earth System Science Data</i> , 2020, 12, 2013-2041.	9.9	181
3	Interannual variations in meltwater input to the Southern Ocean from Antarctic ice shelves. <i>Nature Geoscience</i> , 2020, 13, 616-620.	12.9	169
4	Altimetry for the future: Building on 25 years of progress. <i>Advances in Space Research</i> , 2021, 68, 319-363.	2.6	119
5	Response of Pacific-sector Antarctic ice shelves to the El Niño/Southern Oscillation. <i>Nature Geoscience</i> , 2018, 11, 121-126.	12.9	117
6	Land ice height-retrieval algorithm for NASA's ICESat-2 photon-counting laser altimeter. <i>Remote Sensing of Environment</i> , 2019, 233, 111352.	11.0	113
7	Instantaneous Antarctic ice sheet mass loss driven by thinning ice shelves. <i>Geophysical Research Letters</i> , 2019, 46, 13903-13909.	4.0	106
8	Variable Basal Melt Rates of Antarctic Peninsula Ice Shelves, 1994–2016. <i>Geophysical Research Letters</i> , 2018, 45, 4086-4095.	4.0	60
9	A Decade of Water Storage Changes Across the Contiguous United States From GPS and Satellite Gravity. <i>Geophysical Research Letters</i> , 2019, 46, 13006-13015.	4.0	41
10	Atmospheric River Precipitation Contributed to Rapid Increases in Surface Height of the West Antarctic Ice Sheet in 2019. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091076.	4.0	30
11	Rapid Formation of an Ice Doline on Amery Ice Shelf, East Antarctica. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091095.	4.0	13
12	Antarctica and the Southern Ocean. <i>Bulletin of the American Meteorological Society</i> , 2021, 102, S317-S356.	3.3	12
13	Brief communication: Thwaites Glacier cavity evolution. <i>Cryosphere</i> , 2021, 15, 3317-3328.	3.9	8
14	Hyperchaos from a Model of Coupled Stratosphere-Troposphere Dynamics. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2017, 27, 1730007.	1.7	2