

Melissa Gervais

List of Publications by Year in descending order

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papers

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citations

1163117
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docs citations

11
times ranked

448
citing authors

#	ARTICLE	IF	CITATIONS
1	Diagnosing Two-Way Coupling in Decadal North Atlantic SST Variability Using Time-Evolving Self-Organizing Maps. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	3
2	Causes and impacts of sea ice variability in the sea of Okhotsk using CESM-LE. <i>Climate Dynamics</i> , 2021, 56, 2007-2021.	3.8	2
3	Automatic atmospheric correction for shortwave hyperspectral remote sensing data using a time-dependent deep neural network. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2021, 174, 117-131.	11.1	12
4	Exploring North Atlantic and North Pacific Decadal Climate Prediction Using Self-Organizing Maps. <i>Journal of Climate</i> , 2021, 34, 123-141.	3.2	4
5	Automatic Detection of Volcanic Surface Deformation Using Deep Learning. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2020JB019840.	3.4	22
6	Impact of the North Atlantic Warming Hole on Sensible Weather. <i>Journal of Climate</i> , 2020, 33, 4255-4271.	3.2	16
7	Impacts of the North Atlantic Warming Hole in Future Climate Projections: Mean Atmospheric Circulation and the North Atlantic Jet. <i>Journal of Climate</i> , 2019, 32, 2673-2689.	3.2	44
8	Mechanisms Governing the Development of the North Atlantic Warming Hole in the CESM-LE Future Climate Simulations. <i>Journal of Climate</i> , 2018, 31, 5927-5946.	3.2	42
9	Arctic Air Masses in a Warming World. <i>Journal of Climate</i> , 2016, 29, 2359-2373.	3.2	26
10	Representing Extremes in a Daily Gridded Precipitation Analysis over the United States: Impacts of Station Density, Resolution, and Gridding Methods. <i>Journal of Climate</i> , 2014, 27, 5201-5218.	3.2	77
11	How Well Are the Distribution and Extreme Values of Daily Precipitation over North America Represented in the Community Climate System Model? A Comparison to Reanalysis, Satellite, and Gridded Station Data. <i>Journal of Climate</i> , 2014, 27, 5219-5239.	3.2	29