Melissa Gervais

List of Publications by Year
in descending order

11 papers	**277** citations	1163117 **8** h-index	1281871 **11** g-index
11 all docs	**11** docs citations	**11** times ranked	**448** citing authors

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