

Thomas Martin

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

645
citations

759233

12
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

1098
citing authors

#	ARTICLE	IF	CITATIONS
1	The eastward shift of the Walker Circulation in response to global warming and its relationship to ENSO variability. <i>Climate Dynamics</i> , 2014, 43, 2747-2763.	3.8	131
2	The Impact of North Atlanticâ€™ Arctic Multidecadal Variability on Northern Hemisphere Surface Air Temperature. <i>Journal of Climate</i> , 2010, 23, 5668-5677.	3.2	127
3	Twentieth century Walker Circulation change: data analysis and model experiments. <i>Climate Dynamics</i> , 2012, 38, 1757-1773.	3.8	95
4	Uncertainty in twenty-first century projections of the Atlantic Meridional Overturning Circulation in CMIP3 and CMIP5 models. <i>Climate Dynamics</i> , 2017, 49, 1495-1511.	3.8	57
5	Effects of long-term variability on projections of twenty-first century dynamic sea level. <i>Nature Climate Change</i> , 2015, 5, 343-347.	18.8	37
6	Sea ice circulation in the Laptev Sea and ice export to the Arctic Ocean: Results from satellite remote sensing and numerical modeling. <i>Journal of Geophysical Research</i> , 2000, 105, 17143-17159.	3.3	36
7	Role of internal variability in recent decadal to multidecadal tropical Pacific climate changes. <i>Geophysical Research Letters</i> , 2017, 44, 4246-4255.	4.0	30
8	Impact of River Discharge and Regional Climatology on the Decay of Sea Ice in the Laptev Sea during Spring and Early Summer. <i>Arctic, Antarctic, and Alpine Research</i> , 1999, 31, 214-229.	1.1	25
9	Uncertainty in near-term global surface warming linked to tropical Pacific climate variability. <i>Nature Communications</i> , 2019, 10, 1990.	12.8	19
10	An Overview of Sea-Ice Conditions in the Greenland Sea and the Relationship of Oceanic Sedimentation to the Ice Regime. , 2001, , 19-38.		17
11	Multiyear Fast Ice along the Taymyr Peninsula, Siberia. <i>Arctic</i> , 1995, 48, .	0.4	14
12	Impact of River Discharge and Regional Climatology on the Decay of Sea Ice in the Laptev Sea during Spring and Early Summer. <i>Arctic, Antarctic, and Alpine Research</i> , 1999, 31, 214.	1.1	13
13	Atmospheric feedbacks in North Africa from an irrigated, afforested Sahara. <i>Climate Dynamics</i> , 2018, 50, 4561-4581.	3.8	13
14	Coupled North Atlantic Subdecadal Variability in CMIP5 Models. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 2404-2417.	2.6	10
15	Arctic sea ice area changes in CMIP3 and CMIP5 climate modelsâ€™ ensembles. <i>Led I Sneg</i> , 2017, 57, 77-107.	0.2	8
16	Anomalies of Sea-ice transports in the Arctic. <i>Annals of Glaciology</i> , 2006, 44, 310-316.	1.4	6
17	Remote sensing of oligotrophic waters: model divergence at low chlorophyll concentrations. <i>Applied Optics</i> , 2002, 41, 7058.	2.1	5
18	Decadal variation of the North Atlantic meridional heat transport and its relation to atmospheric processes. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	2