

Torge Martin

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

890
citations

567281

15
h-index

642732

23
g-index

34
all docs

34
docs citations

34
times ranked

1386
citing authors

#	ARTICLE	IF	CITATIONS
1	On Timescales and Reversibility of the Ocean's Response to Enhanced Greenland Ice Sheet Melting in Comprehensive Climate Models. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	5
2	Changing Spatial Patterns of Deep Convection in the Subpolar North Atlantic. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017245.	2.6	18
3	Regional imprints of changes in the Atlantic Meridional Overturning Circulation in the eddy-rich ocean model VIKING20X. <i>Ocean Science</i> , 2021, 17, 1177-1211.	3.4	31
4	The Flexible Ocean and Climate Infrastructure version 1 (FOCI1): mean state and variability. <i>Geoscientific Model Development</i> , 2020, 13, 2533-2568.	3.6	24
5	Impact of the ice strength formulation on the performance of a sea ice thickness distribution model in the Arctic. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 2090-2107.	2.6	39
6	The Arctic-Subarctic sea ice system is entering a seasonal regime: Implications for future Arctic amplification. <i>Scientific Reports</i> , 2017, 7, 4618.	3.3	30
7	Southern Ocean Decadal Variability and Predictability. <i>Current Climate Change Reports</i> , 2017, 3, 163-173.	8.6	13
8	Physical controls of Southern Ocean deep convection variability in CMIP5 models and the Kiel Climate Model. <i>Geophysical Research Letters</i> , 2017, 44, 6951-6958.	4.0	24
9	Southern Ocean deep convection as a driver of Antarctic warming events. <i>Geophysical Research Letters</i> , 2016, 43, 2192-2199.	4.0	40
10	The impact of variable sea ice roughness on changes in Arctic Ocean surface stress: A model study. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 1931-1952.	2.6	66
11	Assessing climate impacts and risks of ocean albedo modification in the Arctic. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 3044-3057.	2.6	11
12	Southern Ocean deep convection in global climate models: A driver for variability of subpolar gyres and Drake Passage transport on decadal timescales. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 3905-3925.	2.6	33
13	Grease ice in basin-scale sea-ice ocean models. <i>Annals of Glaciology</i> , 2015, 56, 295-306.	1.4	7
14	Internal Southern Ocean Centennial Variability: Dynamics, Impacts and Implications for Global Warming. <i>World Scientific Series on Asia-Pacific Weather and Climate</i> , 2015, , 109-124.	0.2	1
15	Southern Ocean forcing of the North Atlantic at multi-centennial time scales in the Kiel Climate Model. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2015, 114, 39-48.	1.4	31
16	Seasonality and long-term trend of Arctic Ocean surface stress in a model. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 1723-1738.	2.6	117
17	Multi-centennial variability controlled by Southern Ocean convection in the Kiel Climate Model. <i>Climate Dynamics</i> , 2013, 40, 2005-2022.	3.8	104
18	Southern Ocean Sector Centennial Climate Variability and Recent Decadal Trends. <i>Journal of Climate</i> , 2013, 26, 7767-7782.	3.2	89

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19	Thickness and surface-properties of different sea-ice regimes within the Arctic Trans Polar Drift: Data from summers 2001, 2004 and 2007. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	31
20	Parameterizing the fresh-water flux from land ice to ocean with interactive icebergs in a coupled climate model. <i>Ocean Modelling</i> , 2010, 34, 111-124.	2.4	104
21	Sea ice drift variability in Arctic Ocean Model Intercomparison Project models and observations. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	41
22	Anomalies of Sea-ice transports in the Arctic. <i>Annals of Glaciology</i> , 2006, 44, 310-316.	1.4	6
23	Comparison of different ridge formation models of Arctic Sea ice with observations from laser profiling. <i>Annals of Glaciology</i> , 2006, 44, 403-410.	1.4	6
24	Marine Heatwaves and Their Depth Structures on the Northeast U.S. Continental Shelf. <i>Frontiers in Climate</i> , 0, 4, .	2.8	11