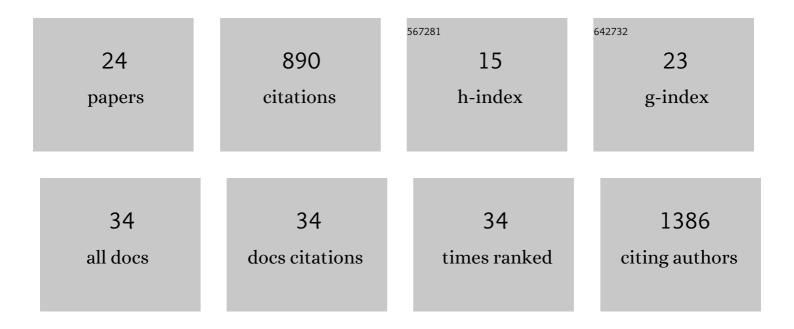
Torge Martin

List of Publications by Year in descending order

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TODOF MADTIN

#	Article	IF	CITATIONS
1	Seasonality and long-term trend of Arctic Ocean surface stress in a model. Journal of Geophysical Research: Oceans, 2014, 119, 1723-1738.	2.6	117
2	Parameterizing the fresh-water flux from land ice to ocean with interactive icebergs in a coupled climate model. Ocean Modelling, 2010, 34, 111-124.	2.4	104
3	Multi-centennial variability controlled by Southern Ocean convection in the Kiel Climate Model. Climate Dynamics, 2013, 40, 2005-2022.	3.8	104
4	Southern Ocean Sector Centennial Climate Variability and Recent Decadal Trends. Journal of Climate, 2013, 26, 7767-7782.	3.2	89
5	The impact of variable sea ice roughness on changes in <scp>A</scp> rctic <scp>O</scp> cean surface stress: A model study. Journal of Geophysical Research: Oceans, 2016, 121, 1931-1952.	2.6	66
6	Sea ice drift variability in Arctic Ocean Model Intercomparison Project models and observations. Journal of Geophysical Research, 2007, 112, .	3.3	41
7	Southern Ocean deep convection as a driver of Antarctic warming events. Geophysical Research Letters, 2016, 43, 2192-2199.	4.0	40
8	Impact of the ice strength formulation on the performance of a sea ice thickness distribution model in the <scp>A</scp> rctic. Journal of Geophysical Research: Oceans, 2017, 122, 2090-2107.	2.6	39
9	Southern Ocean deep convection in global climate models: A driver for variability of subpolar gyres and Drake Passage transport on decadal timescales. Journal of Geophysical Research: Oceans, 2016, 121, 3905-3925.	2.6	33
10	Thickness and surface-properties of different sea-ice regimes within the Arctic Trans Polar Drift: Data from summers 2001, 2004 and 2007. Journal of Geophysical Research, 2010, 115, .	3.3	31
11	Southern Ocean forcing of the North Atlantic at multi-centennial time scales in the Kiel Climate Model. Deep-Sea Research Part II: Topical Studies in Oceanography, 2015, 114, 39-48.	1.4	31
12	Regional imprints of changes in the Atlantic Meridional Overturning Circulation in the eddy-rich ocean model VIKING20X. Ocean Science, 2021, 17, 1177-1211.	3.4	31
13	The Arctic-Subarctic sea ice system is entering a seasonal regime: Implications for future Arctic amplification. Scientific Reports, 2017, 7, 4618.	3.3	30
14	Physical controls of Southern Ocean deepâ€convection variability in CMIP5 models and the Kiel Climate Model. Geophysical Research Letters, 2017, 44, 6951-6958.	4.0	24
15	The Flexible Ocean and Climate Infrastructure version 1 (FOCI1): mean state and variability. Geoscientific Model Development, 2020, 13, 2533-2568.	3.6	24
16	Changing Spatial Patterns of Deep Convection in the Subpolar North Atlantic. Journal of Geophysical Research: Oceans, 2021, 126, e2021JC017245.	2.6	18
17	Southern Ocean Decadal Variability and Predictability. Current Climate Change Reports, 2017, 3, 163-173.	8.6	13
18	Assessing climate impacts and risks of ocean albedo modification in the Arctic. Journal of Geophysical Research: Oceans, 2016, 121, 3044-3057.	2.6	11

TORGE MARTIN

#	Article	IF	CITATIONS
19	Marine Heatwaves and Their Depth Structures on the Northeast U.S. Continental Shelf. Frontiers in Climate, 0, 4, .	2.8	11
20	Grease ice in basin-scale sea-ice ocean models. Annals of Glaciology, 2015, 56, 295-306.	1.4	7
21	Anomalies of Sea-ice transports in the Arctic. Annals of Glaciology, 2006, 44, 310-316.	1.4	6
22	Comparison of different ridge formation models of Arctic Sea ice with observations from laser profiling. Annals of Glaciology, 2006, 44, 403-410.	1.4	6
23	On Timescales and Reversibility of the Ocean's Response to Enhanced Greenland Ice Sheet Melting in Comprehensive Climate Models. Geophysical Research Letters, 2022, 49, .	4.0	5
24	Internal Southern Ocean Centennial Variability: Dynamics, Impacts and Implications for Global Warming. World Scientific Series on Asia-Pacific Weather and Climate, 2015, , 109-124.	0.2	1