

# Jianjun Yin

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

2,660  
citations

471509

17  
h-index

642732

23  
g-index

23  
all docs

23  
docs citations

23  
times ranked

3452  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigating the Causes of the Response of the Thermohaline Circulation to Past and Future Climate Changes. <i>Journal of Climate</i> , 2006, 19, 1365-1387.	3.2	829
2	Model projections of rapid sea-level rise on the northeast coast of the United States. <i>Nature Geoscience</i> , 2009, 2, 262-266.	12.9	307
3	Impacts on Ocean Heat from Transient Mesoscale Eddies in a Hierarchy of Climate Models. <i>Journal of Climate</i> , 2015, 28, 952-977.	3.2	292
4	Spatial Variability of Sea Level Rise in Twenty-First Century Projections. <i>Journal of Climate</i> , 2010, 23, 4585-4607.	3.2	184
5	An extreme event of sea-level rise along the Northeast coast of North America in 2009–2010. <i>Nature Communications</i> , 2015, 6, 6346.	12.8	147
6	Fate of the Atlantic Meridional Overturning Circulation: Strong decline under continued warming and Greenland melting. <i>Geophysical Research Letters</i> , 2016, 43, 12,252.	4.0	132
7	Century to multi-century sea level rise projections from CMIP5 models. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	108
8	An assessment of global and regional sea level for years 1993–2007 in a suite of interannual CORE-II simulations. <i>Ocean Modelling</i> , 2014, 78, 35-89.	2.4	106
9	Oceanic control of sea level rise patterns along the East Coast of the United States. <i>Geophysical Research Letters</i> , 2013, 40, 5514-5520.	4.0	99
10	Transient response of the MOC and climate to potential melting of the Greenland Ice Sheet in the 21st century. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	93
11	Different magnitudes of projected subsurface ocean warming around Greenland and Antarctica. <i>Nature Geoscience</i> , 2011, 4, 524-528.	12.9	81
12	Marine Heatwaves in China's Marginal Seas and Adjacent Offshore Waters: Past, Present, and Future. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2019JC015801.	2.6	72
13	Big Jump of Record Warm Global Mean Surface Temperature in 2014–2016 Related to Unusually Large Oceanic Heat Releases. <i>Geophysical Research Letters</i> , 2018, 45, 1069-1078.	4.0	45
14	Comparison of the Stability of the Atlantic Thermohaline Circulation in Two Coupled Atmosphere–Ocean General Circulation Models. <i>Journal of Climate</i> , 2007, 20, 4293-4315.	3.2	42
15	Influence of the Atlantic Meridional Overturning Circulation on the monsoon rainfall and carbon balance of the American tropics. <i>Geophysical Research Letters</i> , 2014, 41, 146-151.	4.0	34
16	CO <sub>2</sub> -induced Ocean Warming of the Antarctic Continental Shelf in an Eddy Global Climate Model. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 8079-8101.	2.6	29
17	Pacific sea level rise patterns and global surface temperature variability. <i>Geophysical Research Letters</i> , 2016, 43, 8662-8669.	4.0	24
18	Response of Storm-Related Extreme Sea Level along the U.S. Atlantic Coast to Combined Weather and Climate Forcing. <i>Journal of Climate</i> , 2020, 33, 3745-3769.	3.2	16

#	ARTICLE	IF	CITATIONS
19	Interannual and Decadal Variability in Tropical Pacific Sea Level. <i>Water</i> (Switzerland), 2017, 9, 402.	2.7	6
20	A mechanistic analysis of tropical Pacific dynamic sea level in GFDL-OM4 under OMIP-I and OMIP-II forcings. <i>Geoscientific Model Development</i> , 2021, 14, 2471-2502.	3.6	5
21	How likely is an El Niño to break the global mean surface temperature record during the 21st century?. <i>Environmental Research Letters</i> , 2019, 14, 094017.	5.2	4
22	Record-low coastal sea levels in the Northeast Pacific during the winter of 2013â€“2014. <i>Scientific Reports</i> , 2019, 9, 3774.	3.3	3
23	Influence of the Atlantic meridional overturning circulation on the U.S. extreme cold weather. <i>Communications Earth &amp; Environment</i> , 2021, 2, .	6.8	2