

# Guojian Wang

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

35  
papers

4,035  
citations

20  
h-index

40  
g-index

40  
ext. papers

5,295  
ext. citations

16.8  
avg, IF

5.11  
L-index

#	Paper	IF	Citations
35	Increasing frequency of extreme El Niño events due to greenhouse warming. <i>Nature Climate Change</i> , <b>2014</b> , 4, 111-116	21.4	1181
34	ENSO and greenhouse warming. <i>Nature Climate Change</i> , <b>2015</b> , 5, 849-859	21.4	441
33	El Niño-Southern Oscillation complexity. <i>Nature</i> , <b>2018</b> , 559, 535-545	50.4	389
32	Increased frequency of extreme La Niña events under greenhouse warming. <i>Nature Climate Change</i> , <b>2015</b> , 5, 132-137	21.4	382
31	Pacific western boundary currents and their roles in climate. <i>Nature</i> , <b>2015</b> , 522, 299-308	50.4	289
30	Increased variability of eastern Pacific El Niño under greenhouse warming. <i>Nature</i> , <b>2018</b> , 564, 201-206	50.4	254
29	Pantropical climate interactions. <i>Science</i> , <b>2019</b> , 363,	33.3	250
28	Increased frequency of extreme Indian Ocean Dipole events due to greenhouse warming. <i>Nature</i> , <b>2014</b> , 510, 254-8	50.4	213
27	Climate impacts of the El Niño-Southern Oscillation on South America. <i>Nature Reviews Earth &amp; Environment</i> , <b>2020</b> , 1, 215-231	30.2	125
26	Continued increase of extreme El Niño frequency long after 1.5 °C warming stabilization. <i>Nature Climate Change</i> , <b>2017</b> , 7, 568-572	21.4	125
25	Climate-change impact on the 20th-century relationship between the Southern Annular Mode and global mean temperature. <i>Scientific Reports</i> , <b>2013</b> , 3, 2039	4.9	43
24	Anthropogenic Aerosols Cause Recent Pronounced Weakening of Asian Summer Monsoon Relative to Last Four Centuries. <i>Geophysical Research Letters</i> , <b>2019</b> , 46, 5469-5479	4.9	38
23	Stabilised frequency of extreme positive Indian Ocean Dipole under 1.5 °C warming. <i>Nature Communications</i> , <b>2018</b> , 9, 1419	17.4	30
22	Opposite response of strong and moderate positive Indian Ocean Dipole to global warming. <i>Nature Climate Change</i> , <b>2021</b> , 11, 27-32	21.4	27
21	Changing El Niño-Southern Oscillation in a warming climate. <i>Nature Reviews Earth &amp; Environment</i> , <b>2021</b> , 2, 628-644	30.2	26
20	Weakening Atlantic Niño-Pacific connection under greenhouse warming. <i>Science Advances</i> , <b>2019</b> , 5, eaax4113	41.3	25
19	The Pacific Decadal Oscillation less predictable under greenhouse warming. <i>Nature Climate Change</i> , <b>2020</b> , 10, 30-34	21.4	25

18	Decadal climate variability in the tropical Pacific: Characteristics, causes, predictability, and prospects. <i>Science</i> , <b>2021</b> , 374, eaay9165	33.3	24
17	Assessing the Impact of Model Biases on the Projected Increase in Frequency of Extreme Positive Indian Ocean Dipole Events. <i>Journal of Climate</i> , <b>2017</b> , 30, 2757-2767	4.4	20
16	A Unique Feature of the 2019 Extreme Positive Indian Ocean Dipole Event. <i>Geophysical Research Letters</i> , <b>2020</b> , 47, e2020GL088615	4.9	20
15	Trends in Southern Hemisphere wind-driven circulation in CMIP5 models over the 21st century: Ozone recovery versus greenhouse forcing. <i>Journal of Geophysical Research: Oceans</i> , <b>2014</b> , 119, 2974-2986	3.3	18
14	Definition of Extreme El Niño and Its Impact on Projected Increase in Extreme El Niño Frequency. <i>Geophysical Research Letters</i> , <b>2017</b> , 44, 11,184	4.9	17
13	Two-year consecutive concurrences of positive Indian Ocean Dipole and Central Pacific El Niño preconditioned the 2019/2020 Australian Black summer bushfires. <i>Geoscience Letters</i> , <b>2020</b> , 7,	3.5	14
12	Stronger Increase in the Frequency of Extreme Convective than Extreme Warm El Niño Events under Greenhouse Warming. <i>Journal of Climate</i> , <b>2020</b> , 33, 675-690	4.4	10
11	Tropical teleconnection impacts on Antarctic climate changes. <i>Nature Reviews Earth &amp; Environment</i> , <b>2021</b> , 2, 680-698	30.2	9
10	MEETING SUMMARIES. <i>Bulletin of the American Meteorological Society</i> , <b>2015</b> , 96, 1969-1972	6.1	8
9	Increased ENSO sea surface temperature variability under four IPCC emission scenarios. <i>Nature Climate Change</i> ,	21.4	7
8	Change in strong Eastern Pacific El Niño events dynamics in the warming climate. <i>Climate Dynamics</i> , <b>2020</b> , 54, 901-918	4.2	7
7	ENSO Response to Greenhouse Forcing. <i>Geophysical Monograph Series</i> , <b>2020</b> , 289-307	1.1	5
6	Oceanic Processes in Ocean Temperature Products Key to a Realistic Presentation of Positive Indian Ocean Dipole Nonlinearity. <i>Geophysical Research Letters</i> , <b>2020</b> , 47, e2020GL089396	4.9	5
5	Diversity of ENSO-Related Surface Temperature Response in Future Projection in CMIP6 Climate Models: Climate Change Scenario Versus ENSO Intensity. <i>Geophysical Research Letters</i> , <b>2022</b> , 49,	4.9	1
4	Is Preconditioning Effect On Strong Positive Indian Ocean Dipole by a Preceding Central Pacific El Niño Deterministic?. <i>Geophysical Research Letters</i> , <b>2021</b> , 48, e2020GL092223	4.9	1
3	Improved Simulation of ENSO Variability Through Feedback From the Equatorial Atlantic in a Pacemaker Experiment. <i>Geophysical Research Letters</i> , <b>2022</b> , 49,	4.9	0
2	Simulated Thermocline Tilt Over the Tropical Indian Ocean and Its Influence on Future Sea Surface Temperature Variability. <i>Geophysical Research Letters</i> , <b>2021</b> , 48, e2020GL091902	4.9	0
1	Response of the positive Indian Ocean dipole to climate change and impact on Indian summer monsoon rainfall <b>2021</b> , 413-432		

