Qinghua Ding

List of Publications by Year
in descending order

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		430754	302012
39	4,505	18	39
papers	citations	h-index	g-index

39	39	39	4579
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Circumglobal Teleconnection in the Northern Hemisphere Summer*. Journal of Climate, 2005, 18, 3483-3505.	1.2	867
2	Fundamental challenge in simulation and prediction of summer monsoon rainfall. Geophysical Research Letters, 2005, 32, .	1.5	566
3	Strong Sensitivity of Pine Island Ice-Shelf Melting to Climatic Variability. Science, 2014, 343, 174-178.	6.0	333
4	Winter warming in West Antarctica caused by central tropical Pacific warming. Nature Geoscience, 2011, 4, 398-403.	5.4	328
5	Tropical forcing of the recent rapid Arctic warming in northeastern Canada and Greenland. Nature, 2014, 509, 209-212.	13.7	317
6	Influence of high-latitude atmospheric circulation changes on summertime Arctic seaÂice. Nature Climate Change, 2017, 7, 289-295.	8.1	290
7	Changes in global monsoon precipitation over the past 56 years. Geophysical Research Letters, 2006, 33, .	1.5	249
8	Intraseasonal Teleconnection between the Summer Eurasian Wave Train and the Indian Monsoon*. Journal of Climate, 2007, 20, 3751-3767.	1.2	236
9	Influence of the Tropics on the Southern Annular Mode. Journal of Climate, 2012, 25, 6330-6348.	1.2	234
10	Tropicalâ€“Extratropical Teleconnections in Boreal Summer: Observed Interannual Variability*. Journal of Climate, 2011, 24, 1878-1896.	1.2	227
11	Recent climate and ice-sheet changes in West Antarctica compared with the past 2,000 years. Nature Geoscience, 2013, 6, 372-375.	5.4	140
12	Fingerprints of internal drivers of Arctic sea ice loss in observations and model simulations. Nature Geoscience, 2019, 12, 28-33.	5.4	121
13	Global atmospheric teleconnections during Dansgaardâ€“Oeschger events. Nature Geoscience, 2017, 10, 36-40.	5.4	108
14	Temperature Change on the Antarctic Peninsula Linked to the Tropical Pacific*. Journal of Climate, 2013, 26, 7570-7585.	1.2	98
15	Tropical teleconnection impacts on Antarctic climate changes. Nature Reviews Earth & Environment, 2021, 2, 680-698.	12.2	85
16	How Tropical Pacific Surface Cooling Contributed to Accelerated Sea Ice Melt from 2007 to 2012 as Ice Is Thinned by Anthropogenic Forcing. Journal of Climate, 2019, 32, 8583-8602.	1.2	41
17	An Internal Atmospheric Process Determining Summertime Arctic Sea Ice Melting in the Next Three Decades: Lessons Learned from Five Large Ensembles and Multiple CMIP5 Climate Simulations. Journal of Climate, 2020, 33, 7431-7454.	1.2	29
18	Enhanced jet stream waviness induced by suppressed tropical Pacific convection during boreal summer. Nature Communications, 2022, 13, 1288.	5.8	23

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19	Changes in Arid Climate over North China Detected by the Koppen Climate Classification. Journal of the Meteorological Society of Japan, 2008, 86, 981-990.	0.7	22
20	Strong Relations Between ENSO and the Arctic Oscillation in the North American Multimodel Ensemble. Geophysical Research Letters, 2017, 44, 11,654.	1.5	20
21	Multidecadal modulations of key metrics of global climate change. Global and Planetary Change, 2020, 188, 103149.	1.6	18
22	Summertime low clouds mediate the impact of the large-scale circulation on Arctic sea ice. Communications Earth & Environment, 2021, 2, .	2.6	18
23	Summertime atmosphereâ€“sea ice coupling in the Arctic simulated by CMIP5/6 models: Importance of large-scale circulation. Climate Dynamics, 2021, 56, 1467-1485.	1.7	17
24	A warming tropical central Pacific dries the lower stratosphere. Climate Dynamics, 2018, 50, 2813-2827.	1.7	16
25	Role of Atmospheric Variability in Driving the â€œWarmâ€Arctic, Coldâ€Continentâ€•Pattern Over the North America Sector and Sea Ice Variability Over the Chukchiâ€Bering Sea. Geophysical Research Letters, 2020, 47, e2020GL088599.	1.5	16
26	Recent upper Arctic Ocean warming expedited by summertime atmospheric processes. Nature Communications, 2022, 13, 362.	5.8	14
27	CONCEPT OF GLOBAL MONSOON. World Scientific Series on Asia-Pacific Weather and Climate, 2011, , 3-14.	0.2	11
28	Winter and spring atmospheric rivers in High Mountain Asia: climatology, dynamics, and variability. Climate Dynamics, 2022, 58, 2309-2331.	1.7	9
29	Impact of Indian Ocean surface temperature gradient reversals on the Indian Summer Monsoon. Earth and Planetary Science Letters, 2022, 578, 117327.	1.8	8
30	Tropical and Midlatitude Impact on Seasonal Polar Predictability in the Community Earth System Model. Journal of Climate, 2019, 32, 5997-6014.	1.2	7
31	Nudging Observed Winds in the Arctic to Quantify Associated Sea Ice Loss from 1979 to 2020. Journal of Climate, 2022, 35, 3197-3213.	1.2	7
32	A Multidecadal-Scale Tropically Driven Global Teleconnection over the Past Millennium and Its Recent Strengthening. Journal of Climate, 2021, 34, 2549-2565.	1.2	6
33	Warming Pattern over the Northern Hemisphere Midlatitudes in Boreal Summer 1979â€“2020. Journal of Climate, 2022, 35, 3479-3494.	1.2	6
34	The role of blocking circulation and emerging open water feedbacks on Greenland coldâ€season air temperature variability over the last century. International Journal of Climatology, 2021, 41, E2778.	1.5	5
35	Learning Adjustable Reduced Downsampling Network for Small Object Detection in Urban Environments. Remote Sensing, 2021, 13, 3608.	1.8	4
36	Linear Response Function Reveals the Most Effective Remote Forcing in Causing September Arctic Sea Ice Melting in CESM. Geophysical Research Letters, 2021, 48, e2021GL094189.	1.5	3

#	Article	IF	Citations
37	North Atlantic and Pacific Quasiâ€Stationary Parts of Atmospheric Rivers and Their Implications for East Asian Monsoon Onset. Geophysical Research Letters, 2019, 46, 12311-12320.	1.5	2
38	Pacific sea surface temperature anomalies as important boundary forcing in driving the interannual Warm Arctic-Cold Continent pattern over the North American sector. Journal of Climate, 2021, , 1-43.	1.2	2
39	An Optimal Atmospheric Circulation Mode in the Arctic Favoring Strong Summertime Sea Ice Melting and Iceâ€“Albedo Feedback. Journal of Climate, 2022, 35, 3027-3045.	1.2	2