

# Qinghua Ding

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

4,505  
citations

430754

18  
h-index

302012

39  
g-index

39  
all docs

39  
docs citations

39  
times ranked

4579  
citing authors

#	ARTICLE	IF	CITATIONS
1	Winter and spring atmospheric rivers in High Mountain Asia: climatology, dynamics, and variability. <i>Climate Dynamics</i> , 2022, 58, 2309-2331.	1.7	9
2	Recent upper Arctic Ocean warming expedited by summertime atmospheric processes. <i>Nature Communications</i> , 2022, 13, 362.	5.8	14
3	Impact of Indian Ocean surface temperature gradient reversals on the Indian Summer Monsoon. <i>Earth and Planetary Science Letters</i> , 2022, 578, 117327.	1.8	8
4	Warming Pattern over the Northern Hemisphere Midlatitudes in Boreal Summer 1979–2020. <i>Journal of Climate</i> , 2022, 35, 3479-3494.	1.2	6
5	Enhanced jet stream waviness induced by suppressed tropical Pacific convection during boreal summer. <i>Nature Communications</i> , 2022, 13, 1288.	5.8	23
6	An Optimal Atmospheric Circulation Mode in the Arctic Favoring Strong Summertime Sea Ice Melting and Ice–Albedo Feedback. <i>Journal of Climate</i> , 2022, 35, 3027-3045.	1.2	2
7	Nudging Observed Winds in the Arctic to Quantify Associated Sea Ice Loss from 1979 to 2020. <i>Journal of Climate</i> , 2022, 35, 3197-3213.	1.2	7
8	The role of blocking circulation and emerging open water feedbacks on Greenland cold-season air temperature variability over the last century. <i>International Journal of Climatology</i> , 2021, 41, E2778.	1.5	5
9	Summertime atmosphere–sea ice coupling in the Arctic simulated by CMIP5/6 models: Importance of large-scale circulation. <i>Climate Dynamics</i> , 2021, 56, 1467-1485.	1.7	17
10	Summertime low clouds mediate the impact of the large-scale circulation on Arctic sea ice. <i>Communications Earth &amp; Environment</i> , 2021, 2, .	2.6	18
11	A Multidecadal-Scale Tropically Driven Global Teleconnection over the Past Millennium and Its Recent Strengthening. <i>Journal of Climate</i> , 2021, 34, 2549-2565.	1.2	6
12	Pacific sea surface temperature anomalies as important boundary forcing in driving the interannual Warm Arctic-Cold Continent pattern over the North American sector. <i>Journal of Climate</i> , 2021, , 1-43.	1.2	2
13	Linear Response Function Reveals the Most Effective Remote Forcing in Causing September Arctic Sea Ice Melting in CESM. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094189.	1.5	3
14	Tropical teleconnection impacts on Antarctic climate changes. <i>Nature Reviews Earth &amp; Environment</i> , 2021, 2, 680-698.	12.2	85
15	Learning Adjustable Reduced Downsampling Network for Small Object Detection in Urban Environments. <i>Remote Sensing</i> , 2021, 13, 3608.	1.8	4
16	Role of Atmospheric Variability in Driving the Warm Arctic, Cold Continent Pattern Over the North America Sector and Sea Ice Variability Over the Chukchi–Bering Sea. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088599.	1.5	16
17	Multidecadal modulations of key metrics of global climate change. <i>Global and Planetary Change</i> , 2020, 188, 103149.	1.6	18
18	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. <i>Journal of Climate</i> , 2020, 33, 7431-7454.	1.2	29

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19	North Atlantic and Pacific Quasi-Stationary Parts of Atmospheric Rivers and Their Implications for East Asian Monsoon Onset. <i>Geophysical Research Letters</i> , 2019, 46, 12311-12320.	1.5	2
20	Tropical and Midlatitude Impact on Seasonal Polar Predictability in the Community Earth System Model. <i>Journal of Climate</i> , 2019, 32, 5997-6014.	1.2	7
21	How Tropical Pacific Surface Cooling Contributed to Accelerated Sea Ice Melt from 2007 to 2012 as Ice Is Thinned by Anthropogenic Forcing. <i>Journal of Climate</i> , 2019, 32, 8583-8602.	1.2	41
22	Fingerprints of internal drivers of Arctic sea ice loss in observations and model simulations. <i>Nature Geoscience</i> , 2019, 12, 28-33.	5.4	121
23	A warming tropical central Pacific dries the lower stratosphere. <i>Climate Dynamics</i> , 2018, 50, 2813-2827.	1.7	16
24	Influence of high-latitude atmospheric circulation changes on summertime Arctic sea ice. <i>Nature Climate Change</i> , 2017, 7, 289-295.	8.1	290
25	Global atmospheric teleconnections during Dansgaard-Oeschger events. <i>Nature Geoscience</i> , 2017, 10, 36-40.	5.4	108
26	Strong Relations Between ENSO and the Arctic Oscillation in the North American Multimodel Ensemble. <i>Geophysical Research Letters</i> , 2017, 44, 11,654.	1.5	20
27	Strong Sensitivity of Pine Island Ice-Shelf Melting to Climatic Variability. <i>Science</i> , 2014, 343, 174-178.	6.0	333
28	Tropical forcing of the recent rapid Arctic warming in northeastern Canada and Greenland. <i>Nature</i> , 2014, 509, 209-212.	13.7	317
29	Temperature Change on the Antarctic Peninsula Linked to the Tropical Pacific*. <i>Journal of Climate</i> , 2013, 26, 7570-7585.	1.2	98
30	Recent climate and ice-sheet changes in West Antarctica compared with the past 2,000 years. <i>Nature Geoscience</i> , 2013, 6, 372-375.	5.4	140
31	Influence of the Tropics on the Southern Annular Mode. <i>Journal of Climate</i> , 2012, 25, 6330-6348.	1.2	234
32	Tropical-Extratropical Teleconnections in Boreal Summer: Observed Interannual Variability*. <i>Journal of Climate</i> , 2011, 24, 1878-1896.	1.2	227
33	CONCEPT OF GLOBAL MONSOON. <i>World Scientific Series on Asia-Pacific Weather and Climate</i> , 2011, , 3-14.	0.2	11
34	Winter warming in West Antarctica caused by central tropical Pacific warming. <i>Nature Geoscience</i> , 2011, 4, 398-403.	5.4	328
35	Changes in Arid Climate over North China Detected by the Koppen Climate Classification. <i>Journal of the Meteorological Society of Japan</i> , 2008, 86, 981-990.	0.7	22
36	Intraseasonal Teleconnection between the Summer Eurasian Wave Train and the Indian Monsoon*. <i>Journal of Climate</i> , 2007, 20, 3751-3767.	1.2	236

#	ARTICLE	IF	CITATIONS
37	Changes in global monsoon precipitation over the past 56 years. Geophysical Research Letters, 2006, 33, .	1.5	249
38	Circumglobal Teleconnection in the Northern Hemisphere Summer*. Journal of Climate, 2005, 18, 3483-3505.	1.2	867
39	Fundamental challenge in simulation and prediction of summer monsoon rainfall. Geophysical Research Letters, 2005, 32, .	1.5	566