

# Changhyun Yoo

## List of Publications by Year in descending order

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32  
papers

1,622  
citations

623734

14  
h-index

454955

30  
g-index

33  
all docs

33  
docs citations

33  
times ranked

1691  
citing authors

#	ARTICLE	IF	CITATIONS
1	Markov Chain Analysis of Rainfall over East Asia: Unusual Frequency, Persistence, and Entropy in the Summer 2020. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2022, 58, 281-291.	2.3	5
2	Statistical Seasonal Forecasting of Winter and Spring PM2.5 Concentrations Over the Korean Peninsula. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2022, 58, 549-561.	2.3	4
3	Predictability of PM2.5 in Seoul based on atmospheric blocking forecasts using the NCEP global forecast system. <i>Atmospheric Environment</i> , 2021, 246, 118141.	4.1	7
4	Evaluation of subseasonal impacts of the MJO/BSISO in the East Asian extended summer. <i>Climate Dynamics</i> , 2021, 56, 3553-3568.	3.8	6
5	Classification of Wintertime Atmospheric Teleconnection Patterns in the Northern Hemisphere. <i>Journal of Climate</i> , 2021, 34, 1847-1861.	3.2	10
6	Seasonal Performance of a Nonhydrostatic Global Atmospheric Model on a Cubedá€šphere Grid. <i>Earth and Space Science</i> , 2021, 8, e2021EA001643.	2.6	2
7	Cold-season atmospheric conditions associated with sudden changes in PM10 concentration over Seoul, Korea. <i>Atmospheric Pollution Research</i> , 2021, 12, 101041.	3.8	9
8	Seesawing of Winter Temperature Extremes between East Asia and North America. <i>Journal of Climate</i> , 2021, 34, 4423-4434.	3.2	11
9	East Antarctic cooling induced by decadal changes in Madden-Julian oscillation during austral summer. <i>Science Advances</i> , 2021, 7, .	10.3	9
10	Coping behaviors in short message service (SMS)-based disaster alert systems: From the lens of protection motivation theory as elaboration likelihood. <i>Information and Management</i> , 2021, 58, 103454.	6.5	13
11	Tropical teleconnection impacts on Antarctic climate changes. <i>Nature Reviews Earth &amp; Environment</i> , 2021, 2, 680-698.	29.7	85
12	Enhancing Subseasonal Temperature Prediction by Bridging a Statistical Model With Dynamical Arctic Oscillation Forecasting. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093447.	4.0	2
13	Long-Lead Predictions of Warm Season Droughts in South Korea Using North Atlantic SST. <i>Journal of Climate</i> , 2020, 33, 4659-4677.	3.2	8
14	Characteristics of the North Pacific Oscillation in CMIP5 Models in Relation to Atmospheric Mean States. <i>Journal of Climate</i> , 2020, 33, 3809-3825.	3.2	9
15	QBO Modulation of the MJOá€šRelated Precipitation in East Asia. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD031929.	3.3	27
16	The Effects of Spring and Winter Blocking on PM10 Concentration in Korea. <i>Atmosphere</i> , 2019, 10, 410.	2.3	22
17	Interpretation of the Top-of-Atmosphere Energy Flux for Future Arctic Warming. <i>Scientific Reports</i> , 2019, 9, 13059.	3.3	6
18	Tropical influence on the North Pacific Oscillation drives winter extremes in North America. <i>Nature Climate Change</i> , 2019, 9, 413-418.	18.8	48

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19	SPARC Local Workshop on "WCRP Grand Challenges and Regional Climate Change", Advances in Atmospheric Sciences, 2018, 35, 624-627.	4.3	0
20	Subseasonal Prediction of Wintertime East Asian Temperature Based on Atmospheric Teleconnections. Journal of Climate, 2018, 31, 9351-9366.	3.2	11
21	The dynamics of the extratropical response to Madden-Julian Oscillation convection. Quarterly Journal of the Royal Meteorological Society, 2017, 143, 1095-1106.	2.7	25
22	Stratospheric Control of the Madden-Julian Oscillation. Journal of Climate, 2017, 30, 1909-1922.	3.2	175
23	Modulation of the boreal wintertime Madden-Julian oscillation by the stratospheric quasi-biennial oscillation. Geophysical Research Letters, 2016, 43, 1392-1398.	4.0	194
24	Atlantic-induced pan-tropical climate change over the past three decades. Nature Climate Change, 2016, 6, 275-279.	18.8	330
25	Rossby Waves Mediate Impacts of Tropical Oceans on West Antarctic Atmospheric Circulation in Austral Winter. Journal of Climate, 2015, 28, 8151-8164.	3.2	53
26	Boreal Winter MJO Teleconnection in the Community Atmosphere Model Version 5 with the Unified Convection Parameterization. Journal of Climate, 2015, 28, 8135-8150.	3.2	20
27	On the Causal Relationship between Poleward Heat Flux and the Equator-to-Pole Temperature Gradient: A Cautionary Tale. Journal of Climate, 2014, 27, 6519-6525.	3.2	15
28	Impacts of the north and tropical Atlantic Ocean on the Antarctic Peninsula and sea ice. Nature, 2014, 505, 538-542.	27.8	238
29	Mechanisms of Arctic Surface Air Temperature Change in Response to the Madden-Julian Oscillation. Journal of Climate, 2012, 25, 5777-5790.	3.2	129
30	Observed connection between stratospheric sudden warmings and the Madden-Julian Oscillation. Geophysical Research Letters, 2012, 39, .	4.0	128
31	The impact of the Madden-Julian oscillation trend on the Antarctic warming during the 1979-2008 austral winter. Atmospheric Science Letters, 2012, 13, 194-199.	1.9	20
32	Hadley Circulation in the Present and Future Climate Simulations of the K-ACE Model. Asia-Pacific Journal of Atmospheric Sciences, 0, , 1.	2.3	1