Changhyun Yoo

List of Publications by Year
in descending order

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32	1,622	623734	454955
papers	citations	14 h-index	30 g-index

33	33	33	1691
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Atlantic-induced pan-tropical climate change over the past three decades. Nature Climate Change, 2016, 6, 275-279.	18.8	330
2	Impacts of the north and tropical Atlantic Ocean on the Antarctic Peninsula and sea ice. Nature, 2014, 505, 538-542.	27.8	238
3	Modulation of the boreal wintertime Maddenâ€Julian oscillation by the stratospheric quasiâ€biennial oscillation. Geophysical Research Letters, 2016, 43, 1392-1398.	4.0	194
4	Stratospheric Control of the Maddenâ€“Julian Oscillation. Journal of Climate, 2017, 30, 1909-1922.	3.2	175
5	Mechanisms of Arctic Surface Air Temperature Change in Response to the Maddenâ€“Julian Oscillation. Journal of Climate, 2012, 25, 5777-5790.	3.2	129
6	Observed connection between stratospheric sudden warmings and the Maddenâ€Julian Oscillation. Geophysical Research Letters, 2012, 39, .	4.0	128
7	Tropical teleconnection impacts on Antarctic climate changes. Nature Reviews Earth & Environment, 2021, 2, 680-698.	29.7	85
8	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
9	Tropical influence on the North Pacific Oscillation drives winter extremes in North America. Nature Climate Change, 2019, 9, 413-418.	18.8	48
10	QBO Modulation of the MJOâ€Related Precipitation in East Asia. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD031929.	3.3	27
11	The dynamics of the extratropical response to Maddenâ€“Julian Oscillation convection. Quarterly Journal of the Royal Meteorological Society, 2017, 143, 1095-1106.	2.7	25
12	The Effects of Spring and Winter Blocking on PM10 Concentration in Korea. Atmosphere, 2019, 10, 410.	2.3	22
13	The impact of the Maddenâ€Julian oscillation trend on the Antarctic warming during the 1979â€“2008 austral winter. Atmospheric Science Letters, 2012, 13, 194-199.	1.9	20
14	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
15	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
16	Coping behaviors in short message service (SMS)-based disaster alert systems: From the lens of protection motivation theory as elaboration likelihood. Information and Management, 2021, 58, 103454.	6.5	13
17	Subseasonal Prediction of Wintertime East Asian Temperature Based on Atmospheric Teleconnections. Journal of Climate, 2018, 31, 9351-9366.	3.2	11
18	Seesawing of Winter Temperature Extremes between East Asia and North America. Journal of Climate, 2021, 34, 4423-4434.	3.2	11

#	Article	IF	Citations
19	Classification of Wintertime Atmospheric Teleconnection Patterns in the Northern Hemisphere. Journal of Climate, 2021, 34, 1847-1861.	3.2	10
20	Characteristics of the North Pacific Oscillation in CMIP5 Models in Relation to Atmospheric Mean States. Journal of Climate, 2020, 33, 3809-3825.	3.2	9
21	Cold-season atmospheric conditions associated with sudden changes in PM10 concentration over Seoul, Korea. Atmospheric Pollution Research, 2021, 12, 101041.	3.8	9
22	East Antarctic cooling induced by decadal changes in Madden-Julian oscillation during austral summer. Science Advances, 2021, 7, .	10.3	9
23	Long-Lead Predictions of Warm Season Droughts in South Korea Using North Atlantic SST. Journal of Climate, 2020, 33, 4659-4677.	3.2	8
24	Predictability of PM2.5 in Seoul based on atmospheric blocking forecasts using the NCEP global forecast system. Atmospheric Environment, 2021, 246, 118141.	4.1	7
25	Interpretation of the Top-of-Atmosphere Energy Flux for Future Arctic Warming. Scientific Reports, 2019, 9, 13059.	3.3	6
26	Evaluation of subseasonal impacts of the MJO/BSISO in the East Asian extended summer. Climate Dynamics, 2021, 56, 3553-3568.	3.8	6
27	Markov Chain Analysis of Rainfall over East Asia: Unusual Frequency, Persistence, and Entropy in the Summer 2020. Asia-Pacific Journal of Atmospheric Sciences, 2022, 58, 281-291.	2.3	5
28	Statistical Seasonal Forecasting of Winter and Spring PM2.5 Concentrations Over the Korean Peninsula. Asia-Pacific Journal of Atmospheric Sciences, 2022, 58, 549-561.	2.3	4
29	Seasonal Performance of a Nonhydrostatic Global Atmospheric Model on a Cubedâ€Sphere Grid. Earth and Space Science, 2021, 8, e2021EA001643.	2.6	2
30	Enhancing Subseasonal Temperature Prediction by Bridging a Statistical Model With Dynamical Arctic Oscillation Forecasting. Geophysical Research Letters, 2021, 48, e2021GL093447.	4.0	2
31	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
32	SPARC Local Workshop on â€œWCRP Grand Challenges and Regional Climate Changeâ€: Advances in Atmospheric Sciences, 2018, 35, 624-627.	4.3	0