

Woosuk Choi

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

2,355
citations

361413

20
h-index

345221

36
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37
all docs

37
docs citations

37
times ranked

2780
citing authors

#	ARTICLE	IF	CITATIONS
1	Phenology shifts at start vs. end of growing season in temperate vegetation over the Northern Hemisphere for the period 1982-2008. <i>Global Change Biology</i> , 2011, 17, 2385-2399.	9.5	807
2	Interdecadal Changes in Summertime Typhoon Tracks. <i>Journal of Climate</i> , 2004, 17, 1767-1776.	3.2	267
3	Arctic oscillation signals in the East Asian summer monsoon. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	246
4	Pattern Classification of Typhoon Tracks Using the Fuzzy c-Means Clustering Method. <i>Journal of Climate</i> , 2011, 24, 488-508.	3.2	111
5	Influence of stratospheric quasi-biennial oscillation on tropical cyclone tracks in the western North Pacific. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	88
6	Growing threat of intense tropical cyclones to East Asia over the period 1977-2010. <i>Environmental Research Letters</i> , 2014, 9, 014008.	5.2	80
7	Influences of Arctic Oscillation and Madden-Julian Oscillation on cold surges and heavy snowfalls over Korea: A case study for the winter of 2009-2010. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	69
8	Strong landfall typhoons in Korea and Japan in a recent decade. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	67
9	Different characteristics of cold day and cold surge frequency over East Asia in a global warming situation. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	63
10	Impact of vegetation feedback on the temperature and its diurnal range over the Northern Hemisphere during summer in a CO ₂ climate. <i>Climate Dynamics</i> , 2011, 37, 821-833.	3.8	48
11	Track-Pattern-Based Model for Seasonal Prediction of Tropical Cyclone Activity in the Western North Pacific. <i>Journal of Climate</i> , 2012, 25, 4660-4678.	3.2	46
12	Influences of Tropical Western and Extratropical Pacific SST on East and Southeast Asian Climate in the Summers of 1993-94. <i>Journal of Climate</i> , 2004, 17, 2673-2687.	3.2	44
13	Circulation features associated with the record-breaking typhoon landfall on Japan in 2004. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a.	4.0	44
14	Interdecadal change in typhoon genesis condition over the western North Pacific. <i>Climate Dynamics</i> , 2015, 45, 3243-3255.	3.8	42
15	Impact of Chinese air pollutants on a record-breaking PMs episode in the Republic of Korea for 11-15 January 2019. <i>Atmospheric Environment</i> , 2020, 223, 117262.	4.1	39
16	Summertime variability of the western North Pacific subtropical high and its synoptic influences on the East Asian weather. <i>Scientific Reports</i> , 2019, 9, 7865.	3.3	37
17	Assessment of the changes in extreme vulnerability over East Asia due to global warming. <i>Climatic Change</i> , 2012, 113, 301-321.	3.6	31
18	Asymmetric response of tropical cyclone activity to global warming over the North Atlantic and western North Pacific from CMIP5 model projections. <i>Scientific Reports</i> , 2017, 7, 41354.	3.3	27

#	ARTICLE	IF	CITATIONS
19	Highlighting socioeconomic damages caused by weakened tropical cyclones in the Republic of Korea. <i>Natural Hazards</i> , 2016, 82, 1301-1315.	3.4	24
20	Climatological features of WRF-simulated tropical cyclones over the western North Pacific. <i>Climate Dynamics</i> , 2015, 44, 3223-3235.	3.8	23
21	Technical note on a track-pattern-based model for predicting seasonal tropical cyclone activity over the western North Pacific. <i>Advances in Atmospheric Sciences</i> , 2013, 30, 1260-1274.	4.3	16
22	Possible Relationship of Weakened Aleutian Low with Air Quality Improvement in Seoul, South Korea. <i>Journal of Applied Meteorology and Climatology</i> , 2018, 57, 2363-2373.	1.5	16
23	What Caused the Extraordinarily Hot 2018 Summer in Korea?. <i>Journal of the Meteorological Society of Japan</i> , 2020, 98, 153-167.	1.8	16
24	Seasonal forecasting of intense tropical cyclones over the North Atlantic and the western North Pacific basins. <i>Climate Dynamics</i> , 2016, 47, 3063-3075.	3.8	12
25	Seasonal prediction of summertime tropical cyclone activity over the East China Sea using the least absolute deviation regression and the Poisson regression. <i>International Journal of Climatology</i> , 2010, 30, 210-219.	3.5	11
26	Tropical Cyclone Contribution to Interdecadal Change in Summer Rainfall over South China in the Early 1990s. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2012, 23, 49.	0.6	10
27	Potential impacts of northeastern Eurasian snow cover on generation of dust storms in northwestern China during spring. <i>Climate Dynamics</i> , 2013, 41, 721-733.	3.8	10
28	Season-dependent warming characteristics observed at 12 stations in South Korea over the recent 100 years. <i>International Journal of Climatology</i> , 2018, 38, 4092-4101.	3.5	10
29	Regulatory measures significantly reduced air-pollutant concentrations in Seoul, Korea. <i>Atmospheric Pollution Research</i> , 2021, 12, 101098.	3.8	10
30	Roles of meteorological factors in inter-regional variations of fine and coarse PM concentrations over the Republic of Korea. <i>Atmospheric Environment</i> , 2021, 264, 118706.	4.1	10
31	The potential of vegetation feedback to alleviate climate aridity over the United States associated with a 2Å-CO2 climate condition. <i>Climate Dynamics</i> , 2012, 38, 1489-1500.	3.8	8
32	Synoptic conditions controlling the seasonal onset and days of heatwaves over Korea. <i>Climate Dynamics</i> , 2021, 57, 3045-3053.	3.8	8
33	Near-future tropical cyclone predictions in the western North Pacific: fewer tropical storms but more typhoons. <i>Climate Dynamics</i> , 2019, 53, 1341-1356.	3.8	6
34	Asymmetric Expansion of Summer Season on May and September in Korea. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2021, 57, 619-627.	2.3	4
35	A Building-Block Urban Meteorological Observation Experiment (BBMEX) Campaign in Central Commercial Area in Seoul. <i>Atmosphere</i> , 2020, 11, 299.	2.3	3
36	Tropical Cyclone as a Possible Remote Controller of Air Quality over South Korea through Poleward-Propagating Rossby Waves. <i>Journal of Applied Meteorology and Climatology</i> , 2019, 58, 2523-2530.	1.5	2