

Chang-Hoi Ho

List of Publications by Year in descending order

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59
papers

3,445
citations

257101

24
h-index

143772

57
g-index

63
all docs

63
docs citations

63
times ranked

3904
citing authors

#	ARTICLE	IF	CITATIONS
1	Latitudinal Variation of the Lifetime Maximum Intensity Location of Atlantic Tropical Cyclones Controlled by the Atlantic Multidecadal Oscillation. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	1
2	Untangling the contribution of input parameters to an artificial intelligence PM2.5 forecast model using the layer-wise relevance propagation method. <i>Atmospheric Environment</i> , 2022, 276, 119034.	1.9	8
3	Possible Influence of ENSO Modoki and Arctic Oscillation on Spatiotemporal Variability of Spring Precipitation Over the Western North Pacific. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2022, 58, 629-635.	1.3	2
4	Systematic bias of WRF-CMAQ PM10 simulations for Seoul, Korea. <i>Atmospheric Environment</i> , 2021, 244, 117904.	1.9	8
5	Asymmetric Expansion of Summer Season on May and September in Korea. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2021, 57, 619-627.	1.3	4
6	Quantifying the Impact of Synoptic Weather Systems on High PM _{2.5} Episodes in the Seoul Metropolitan Area, Korea. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD034085.	1.2	12
7	Regulatory measures significantly reduced air-pollutant concentrations in Seoul, Korea. <i>Atmospheric Pollution Research</i> , 2021, 12, 101098.	1.8	10
8	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.	1.9	10
9	Impact of Chinese air pollutants on a record-breaking PMs episode in the Republic of Korea for 11 th January 2019. <i>Atmospheric Environment</i> , 2020, 223, 117262.	1.9	39
10	Improved mapping and change detection of the start of the crop growing season in the US Corn Belt from long-term AVHRR NDVI. <i>Agricultural and Forest Meteorology</i> , 2020, 294, 108143.	1.9	23
11	Interannual variations of spring drought-prone conditions over three subregions of East Asia and associated large-scale circulations. <i>Theoretical and Applied Climatology</i> , 2020, 142, 1117-1131.	1.3	10
12	Enhanced regional terrestrial carbon uptake over Korea revealed by atmospheric CO ₂ measurements from 1999 to 2017. <i>Global Change Biology</i> , 2020, 26, 3368-3383.	4.2	7
13	Dominance of large-scale atmospheric circulations in long-term variations of winter PM10 concentrations over East Asia. <i>Atmospheric Research</i> , 2020, 238, 104871.	1.8	15
14	Projections of future drought intensity associated with various local greenhouse gas emission scenarios in East Asia. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2020, 31, 9-19.	0.3	4
15	Influence of vertical wind shear on wind- and rainfall areas of tropical cyclones making landfall over South Korea. <i>PLoS ONE</i> , 2019, 14, e0209885.	1.1	16
16	Tropical cyclone rainfall in the Mekong River Basin for 1983–2016. <i>Atmospheric Research</i> , 2019, 226, 66-75.	1.8	26
17	The Tropical Transition in the Western North Pacific: The Case of Tropical Cyclone Peipah (2007). <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 5151-5165.	1.2	10
18	The Relationship between Tropical Cyclone Rainfall Area and Environmental Conditions over the Subtropical Oceans. <i>Journal of Climate</i> , 2018, 31, 4605-4616.	1.2	23

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19	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.	1.5	10
20	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.	0.6	16
21	Influence of winter precipitation on spring phenology in boreal forests. <i>Global Change Biology</i> , 2018, 24, 5176-5187.	4.2	58
22	Urbanization may reduce the risk of frost damage to spring flowers: A case study of two shrub species in South Korea. <i>PLoS ONE</i> , 2018, 13, e0191428.	1.1	5
23	Slow Decreasing Tendency of Fine Particles Compared to Coarse Particles Associated with Recent Hot Summers in Seoul, Korea. <i>Aerosol and Air Quality Research</i> , 2018, 18, 2185-2194.	0.9	8
24	Dependency of tropical cyclone risk on track in South Korea. <i>Natural Hazards and Earth System Sciences</i> , 2018, 18, 3225-3234.	1.5	18
25	Climatic influence on corn sowing date in the Midwestern United States. <i>International Journal of Climatology</i> , 2017, 37, 1595-1602.	1.5	17
26	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.	1.6	27
27	Multiday evolution of convective bursts during western North Pacific tropical cyclone development and nondevelopment using geostationary satellite measurements. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 1635-1649.	1.2	13
28	An improved parameterization of the allocation of assimilated carbon to plant parts in vegetation dynamics for $\langle \text{N} \rangle$ and $\langle \text{MP} \rangle$. <i>Journal of Advances in Modeling Earth Systems</i> , 2017, 9, 1776-1794.	1.3	16
29	Dominance of climate warming effects on recent drying trends over wet monsoon regions. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 10467-10476.	1.9	14
30	Highlighting socioeconomic damages caused by weakened tropical cyclones in the Republic of Korea. <i>Natural Hazards</i> , 2016, 82, 1301-1315.	1.6	24
31	Evaluating the predictability of PM10 grades in Seoul, Korea using a neural network model based on synoptic patterns. <i>Environmental Pollution</i> , 2016, 218, 1324-1333.	3.7	26
32	Evidence of reduced vulnerability to tropical cyclones in the Republic of Korea. <i>Environmental Research Letters</i> , 2015, 10, 054003.	2.2	36
33	Nonlinear response of vegetation green-up to local temperature variations in temperate and boreal forests in the Northern Hemisphere. <i>Remote Sensing of Environment</i> , 2015, 165, 100-108.	4.6	60
34	Tropical Cyclone Mekkhala's (2008) Formation over the South China Sea: Mesoscale, Synoptic-Scale, and Large-Scale Contributions. <i>Monthly Weather Review</i> , 2015, 143, 88-110.	0.5	14
35	Long-range transport of air pollutants originating in China: A possible major cause of multi-day high-PM10 episodes during cold season in Seoul, Korea. <i>Atmospheric Environment</i> , 2015, 109, 23-30.	1.9	132
36	Growing threat of intense tropical cyclones to East Asia over the period 1977-2010. <i>Environmental Research Letters</i> , 2014, 9, 014008.	2.2	80

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37	A synoptic and dynamical characterization of wave-train and blocking cold surge over East Asia. <i>Climate Dynamics</i> , 2014, 43, 753-770.	1.7	108
38	Effects of double cropping on summer climate of the North China Plain and neighbouring regions. <i>Nature Climate Change</i> , 2014, 4, 615-619.	8.1	84
39	Influence of transboundary air pollutants from China on the high-PM10 episode in Seoul, Korea for the period October 16–20, 2008. <i>Atmospheric Environment</i> , 2013, 77, 430-439.	1.9	93
40	Satellite Data-Based Phenological Evaluation of the Nationwide Reforestation of South Korea. <i>PLoS ONE</i> , 2013, 8, e58900.	1.1	18
41	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.	0.3	10
42	Assessment of the changes in extreme vulnerability over East Asia due to global warming. <i>Climatic Change</i> , 2012, 113, 301-321.	1.7	31
43	The potential of vegetation feedback to alleviate climate aridity over the United States associated with a 2 \times CO ₂ climate condition. <i>Climate Dynamics</i> , 2012, 38, 1489-1500.	1.7	8
44	Strong landfall typhoons in Korea and Japan in a recent decade. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	67
45	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
46	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.	4.2	807
47	High-PM10 concentration episodes in Seoul, Korea: Background sources and related meteorological conditions. <i>Atmospheric Environment</i> , 2011, 45, 7240-7247.	1.9	112
48	Impact of vegetation feedback on the temperature and its diurnal range over the Northern Hemisphere during summer in a 2 \times CO ₂ climate. <i>Climate Dynamics</i> , 2011, 37, 821-833.	1.7	48
49	Diurnal circulations and their multi-scale interaction leading to rainfall over the South China Sea upstream of the Philippines during intraseasonal monsoon westerly wind bursts. <i>Climate Dynamics</i> , 2011, 37, 1483-1499.	1.7	24
50	Impact of urban warming on earlier spring flowering in Korea. <i>International Journal of Climatology</i> , 2011, 31, 1488-1497.	1.5	24
51	Pattern Classification of Typhoon Tracks Using the Fuzzy c-Means Clustering Method. <i>Journal of Climate</i> , 2011, 24, 488-508.	1.2	111
52	Reduction of spring warming over East Asia associated with vegetation feedback. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	57
53	Increase in vegetation greenness and decrease in springtime warming over east Asia. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	76
54	Regional cloud characteristics over the tropical northwestern Pacific as revealed by Tropical Rainfall Measuring Mission (TRMM) Precipitation Radar and TRMM Microwave Imager. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	10

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55	Large increase in heavy rainfall associated with tropical cyclone landfalls in Korea after the late 1970s. <i>Geophysical Research Letters</i> , 2006, 33, n/a-n/a.	1.5	93
56	Earlier spring in Seoul, Korea. <i>International Journal of Climatology</i> , 2006, 26, 2117-2127.	1.5	63
57	Dipole Structure of Interannual Variations in Summertime Tropical Cyclone Activity over East Asia. <i>Journal of Climate</i> , 2005, 18, 5344-5356.	1.2	36
58	Shift in the summer rainfall over the Yangtze River valley in the late 1970s. <i>Geophysical Research Letters</i> , 2002, 29, 78-1-78-4.	1.5	387
59	The Siberian High and climate change over middle to high latitude Asia. <i>Theoretical and Applied Climatology</i> , 2002, 72, 1-9.	1.3	312