Chang-Hoi Ho

List of Publications by Year
in descending order

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Version: 2024-02-01

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	Phenology shifts at start vs. end of growing season in temperate vegetation over the Northern Hemisphere for the period 1982-2008. Global Change Biology, 2011, 17, 2385-2399.	4.2	807
2	Shift in the summer rainfall over the Yangtze River valley in the late 1970s. Geophysical Research Letters, 2002, 29, 78-1-78-4.	1.5	387
3	The Siberian High and climate change over middle to high latitude Asia. Theoretical and Applied Climatology, 2002, 72, 1-9.	1.3	312
4	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. Atmospheric Environment, 2015, 109, 23-30.	1.9	132
5	High-PM10 concentration episodes in Seoul, Korea: Background sources and related meteorological conditions. Atmospheric Environment, 2011, 45, 7240-7247.	1.9	112
6	Pattern Classification of Typhoon Tracks Using the Fuzzy c-Means Clustering Method. Journal of Climate, 2011, 24, 488-508.	1.2	111
7	A synoptic and dynamical characterization of wave-train and blocking cold surge over East Asia. Climate Dynamics, 2014, 43, 753-770.	1.7	108
8	Large increase in heavy rainfall associated with tropical cyclone landfalls in Korea after the late 1970s. Geophysical Research Letters, 2006, 33, n/a-n/a.	1.5	93
9	Influence of transboundary air pollutants from China on the high-PM10 episode in Seoul, Korea for the period October 16â€“20, 2008. Atmospheric Environment, 2013, 77, 430-439.	1.9	93
10	Effects of double cropping on summer climate of the North China Plain and neighbouring regions. Nature Climate Change, 2014, 4, 615-619.	8.1	84
11	Growing threat of intense tropical cyclones to East Asia over the period 1977â€“2010. Environmental Research Letters, 2014, 9, 014008.	2.2	80
12	Increase in vegetation greenness and decrease in springtime warming over east Asia. Geophysical Research Letters, 2009, 36, .	1.5	76
13	Strong landfall typhoons in Korea and Japan in a recent decade. Journal of Geophysical Research, 2011, 116, .	3.3	67
14	Earlier spring in Seoul, Korea. International Journal of Climatology, 2006, 26, 2117-2127.	1.5	63
15	Different characteristics of cold day and cold surge frequency over East Asia in a global warming situation. Journal of Geophysical Research, 2011, 116, .	3.3	63
16	Nonlinear response of vegetation green-up to local temperature variations in temperate and boreal forests in the Northern Hemisphere. Remote Sensing of Environment, 2015, 165, 100-108.	4.6	60
17	Influence of winter precipitation on spring phenology in boreal forests. Global Change Biology, 2018, 24, 5176-5187.	4.2	58
18	Reduction of spring warming over East Asia associated with vegetation feedback. Geophysical Research Letters, 2009, 36, .	1.5	57

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19	Impact of vegetation feedback on the temperature and its diurnal range over the Northern Hemisphere during summer in a 2ÂÃ—ÂCO2 climate. Climate Dynamics, 2011, 37, 821-833.	1.7	48
20	Impact of Chinese air pollutants on a record-breaking PMs episode in the Republic of Korea for 11â€“15 January 2019. Atmospheric Environment, 2020, 223, 117262.	1.9	39
21	Evidence of reduced vulnerability to tropical cyclones in the Republic of Korea. Environmental Research Letters, 2015, 10, 054003.	2.2	36
22	Dipole Structure of Interannual Variations in Summertime Tropical Cyclone Activity over East Asia. Journal of Climate, 2005, 18, 5344-5356.	1.2	36
23	Assessment of the changes in extreme vulnerability over East Asia due to global warming. Climatic Change, 2012, 113, 301-321.	1.7	31
24	Asymmetric response of tropical cyclone activity to global warming over the North Atlantic and western North Pacific from CMIP5 model projections. Scientific Reports, 2017, 7, 41354.	1.6	27
25	Evaluating the predictability of PM10 grades in Seoul, Korea using aÂneural network model based on synoptic patterns. Environmental Pollution, 2016, 218, 1324-1333.	3.7	26
26	Tropical cyclone rainfall in the Mekong River Basin for 1983â€“2016. Atmospheric Research, 2019, 226, 66-75.	1.8	26
27	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. Climate Dynamics, 2011, 37, 1483-1499.	1.7	24
28	Impact of urban warming on earlier spring flowering in Korea. International Journal of Climatology, 2011, 31, 1488-1497.	1.5	24
29	Highlighting socioeconomic damages caused by weakened tropical cyclones in the Republic of Korea. Natural Hazards, 2016, 82, 1301-1315.	1.6	24
30	The Relationship between Tropical Cyclone Rainfall Area and Environmental Conditions over the Subtropical Oceans. Journal of Climate, 2018, 31, 4605-4616.	1.2	23
31	Improved mapping and change detection of the start of the crop growing season in the US Corn Belt from long-term AVHRR NDVI. Agricultural and Forest Meteorology, 2020, 294, 108143.	1.9	23
32	Satellite Data-Based Phenological Evaluation of the Nationwide Reforestation of South Korea. PLoS ONE, 2013, 8, e58900.	1.1	18
33	Dependency of tropical cyclone risk on track in South Korea. Natural Hazards and Earth System Sciences, 2018, 18, 3225-3234.	1.5	18
34	Climatic influence on corn sowing date in the Midwestern United States. International Journal of Climatology, 2017, 37, 1595-1602.	1.5	17
35	An improved parameterization of the allocation of assimilated carbon to plant parts in vegetation dynamics for <scp>N</scp>oahâ€<scp>MP</scp>. Journal of Advances in Modeling Earth Systems, 2017, 9, 1776-1794.	1.3	16
36	Possible Relationship of Weakened Aleutian Low with Air Quality Improvement in Seoul, South Korea. Journal of Applied Meteorology and Climatology, 2018, 57, 2363-2373.	0.6	16

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37	Influence of vertical wind shear on wind- and rainfall areas of tropical cyclones making landfall over South Korea. PLoS ONE, 2019, 14, e0209885.	1.1	16
38	Dominance of large-scale atmospheric circulations in long-term variations of winter PM10 concentrations over East Asia. Atmospheric Research, 2020, 238, 104871.	1.8	15
39	Tropical Cyclone Mekkhalaâ€™s (2008) Formation over the South China Sea: Mesoscale, Synoptic-Scale, and Large-Scale Contributions. Monthly Weather Review, 2015, 143, 88-110.	0.5	14
40	Dominance of climate warming effects on recent drying trends over wet monsoon regions. Atmospheric Chemistry and Physics, 2017, 17, 10467-10476.	1.9	14
41	Multiday evolution of convective bursts during western North Pacific tropical cyclone development and nondevelopment using geostationary satellite measurements. Journal of Geophysical Research D: Atmospheres, 2017, 122, 1635-1649.	1.2	13
42	Quantifying the Impact of Synoptic Weather Systems on High PM_{2.5} Episodes in the Seoul Metropolitan Area, Korea. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD034085.	1.2	12
43	Regional cloud characteristics over the tropical northwestern Pacific as revealed by Tropical Rainfall Measuring Mission (TRMM) Precipitation Radar and TRMM Microwave Imager. Journal of Geophysical Research, 2007, 112, .	3.3	10
44	Tropical Cyclone Contribution to Interdecadal Change in Summer Rainfall over South China in the Early 1990s. Terrestrial, Atmospheric and Oceanic Sciences, 2012, 23, 49.	0.3	10
45	Seasonâ€dependent warming characteristics observed at 12 stations in South Korea over the recent 100 years. International Journal of Climatology, 2018, 38, 4092-4101.	1.5	10
46	The Tropical Transition in the Western North Pacific: The Case of Tropical Cyclone Peipah (2007). Journal of Geophysical Research D: Atmospheres, 2019, 124, 5151-5165.	1.2	10
47	Interannual variations of spring drought-prone conditions over three subregions of East Asia and associated large-scale circulations. Theoretical and Applied Climatology, 2020, 142, 1117-1131.	1.3	10
48	Regulatory measures significantly reduced air-pollutant concentrations in Seoul, Korea. Atmospheric Pollution Research, 2021, 12, 101098.	1.8	10
49	Roles of meteorological factors in inter-regional variations of fine and coarse PM concentrations over the Republic of Korea. Atmospheric Environment, 2021, 264, 118706.	1.9	10
50	The potential of vegetation feedback to alleviate climate aridity over the United States associated with a 2Ã—CO2 climate condition. Climate Dynamics, 2012, 38, 1489-1500.	1.7	8
51	Systematic bias of WRF-CMAQ PM10 simulations for Seoul, Korea. Atmospheric Environment, 2021, 244, 117904.	1.9	8
52	Slow Decreasing Tendency of Fine Particles Compared to Coarse Particles Associated with Recent Hot Summers in Seoul, Korea. Aerosol and Air Quality Research, 2018, 18, 2185-2194.	0.9	8
53	Untangling the contribution of input parameters to an artificial intelligence PM2.5 forecast model using the layer-wise relevance propagation method. Atmospheric Environment, 2022, 276, 119034.	1.9	8
54	Enhanced regional terrestrial carbon uptake over Korea revealed by atmospheric CO 2 measurements from 1999 to 2017. Global Change Biology, 2020, 26, 3368-3383.	4.2	7

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55	Urbanization may reduce the risk of frost damage to spring flowers: A case study of two shrub species in South Korea. PLoS ONE, 2018, 13, e0191428.	1.1	5
56	Asymmetric Expansion of Summer Season on May and September in Korea. Asia-Pacific Journal of Atmospheric Sciences, 2021, 57, 619-627.	1.3	4
57	Projections of future drought intensity associated with various local greenhouse gas emission scenarios in East Asia. Terrestrial, Atmospheric and Oceanic Sciences, 2020, 31, 9-19.	0.3	4
58	Possible Influence of ENSO Modoki and Arctic Oscillation on Spatiotemporal Variability of Spring Precipitation Over the Western North Pacific. Asia-Pacific Journal of Atmospheric Sciences, 2022, 58, 629-635.	1.3	2
59	Latitudinal Variation of the Lifetime Maximum Intensity Location of Atlantic Tropical Cyclones Controlled by the Atlantic Multidecadal Oscillation. Geophysical Research Letters, 2022, 49, .	1.5	1