

Xingang Fan

List of Publications by Year in descending order

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papers

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933447

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34
times ranked

794
citing authors

#	ARTICLE	IF	CITATIONS
1	Decadal Modulation of Precipitation Patterns over Eastern China by Sea Surface Temperature Anomalies. <i>Journal of Climate</i> , 2017, 30, 7017-7033.	3.2	103
2	AN ANALYTICAL SOLUTION TO ONE-DIMENSIONAL THERMAL CONDUCTION-CONVECTION IN SOIL. <i>Soil Science</i> , 2003, 168, 99-107.	0.9	81
3	Land use/land cover changes and regional climate over the Loess Plateau during 2001â€“2009. Part I: observational evidence. <i>Climatic Change</i> , 2015, 129, 427-440.	3.6	56
4	Land use/land cover changes and regional climate over the Loess Plateau during 2001â€“2009. Part II: interrelationship from observations. <i>Climatic Change</i> , 2015, 129, 441-455.	3.6	55
5	Comparative Evaluation of the GPM IMERG Early, Late, and Final Hourly Precipitation Products Using the CMPA Data over Sichuan Basin of China. <i>Water (Switzerland)</i> , 2020, 12, 554.	2.7	40
6	Impacts of Soil Heating Condition on Precipitation Simulations in the Weather Research and Forecasting Model. <i>Monthly Weather Review</i> , 2009, 137, 2263-2285.	1.4	25
7	Differences of hemorrhagic and ischemic strokes in age spectra and responses to climatic thermal conditions. <i>Science of the Total Environment</i> , 2018, 644, 1573-1579.	8.0	24
8	Dynamic Assimilation of MODIS-Retrieved Humidity Profiles within a Regional Model for High-Latitude Forecast Applications. <i>Monthly Weather Review</i> , 2005, 133, 3450-3480.	1.4	20
9	Temperature modulation of the health effects of particulate matter in Beijing, China. <i>Environmental Science and Pollution Research</i> , 2018, 25, 10857-10866.	5.3	18
10	Increase in surface albedo caused by agricultural plastic film. <i>Atmospheric Science Letters</i> , 2015, 16, 291-296.	1.9	11
11	The Impacts of Air Temperature on Accidental Casualties in Beijing, China. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 1073.	2.6	10
12	Modifying effects of temperature on human mortality related to black carbon particulates in Beijing, China. <i>Atmospheric Environment</i> , 2020, 243, 117845.	4.1	9
13	Potential soil moisture products from the aquarius radiometer and scatterometer using an observing system simulation experiment. <i>Geoscientific Instrumentation, Methods and Data Systems</i> , 2013, 2, 113-120.	1.6	8
14	Early indications of drought impacts on forests in the southeastern United States. <i>Forestry Chronicle</i> , 2015, 91, 376-383.	0.6	7
15	Assimilating QuikSCAT Ocean Surface Winds with the Weather Research and Forecasting Model for Surface Wind-Field Simulation over the Chukchi/Beaufort Seas. <i>Boundary-Layer Meteorology</i> , 2013, 148, 207-226.	2.3	6
16	Tornado hazard for structural engineering. <i>Natural Hazards</i> , 2016, 83, 1821.	3.4	6
17	Evaluating Weather Research and Forecasting Model Sensitivity to Land and Soil Conditions Representative of Karst Landscapes. <i>Boundary-Layer Meteorology</i> , 2018, 166, 503-530.	2.3	6
18	Effect of diurnal temperature change on cardiovascular risks differed under opposite temperature trends. <i>Environmental Science and Pollution Research</i> , 2021, 28, 39882-39891.	5.3	6

#	ARTICLE	IF	CITATIONS
19	A one-year experimental Arctic reanalysis and comparisons with ERA-40 and NCEP/NCAR reanalyses. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	5
20	Seasonal Error Component Analysis of the GPM IMERG Version 05 Precipitation Estimations Over Sichuan Basin of China. <i>Earth and Space Science</i> , 2021, 8, e2020EA001259.	2.6	5
21	A temperature indicator for heavy air pollution risks (TIP). <i>Science of the Total Environment</i> , 2019, 678, 712-720.	8.0	4
22	Automatic Identification of Clear-Air Echoes Based on Millimeter-wave Cloud Radar Measurements. <i>Advances in Atmospheric Sciences</i> , 2020, 37, 912-924.	4.3	4
23	Moderately cold temperature associates with high cardiovascular disease mortality in China. <i>Air Quality, Atmosphere and Health</i> , 2019, 12, 1225-1235.	3.3	3
24	An Optimized Level Set Method Based on QPSO and Fuzzy Clustering. <i>IEICE Transactions on Information and Systems</i> , 2019, E102.D, 1065-1072.	0.7	3
25	Meteorological rhythms of respiratory and circulatory diseases revealed by Harmonic Analysis. <i>Heliyon</i> , 2020, 6, e04034.	3.2	3
26	A coupled simple climate model and its global analysis. <i>Theoretical and Applied Climatology</i> , 2004, 79, 31-43.	2.8	2
27	Evaluating the Algorithm for Correction of the Bright Band Effects in QPEs with S-, C- and X-Band Dual-Polarized Radars. <i>Advances in Atmospheric Sciences</i> , 2019, 36, 41-54.	4.3	2
28	Independent influences of extreme atmospheric pressure on hypertension-related ER visits. <i>Air Quality, Atmosphere and Health</i> , 2020, 13, 1065-1074.	3.3	2
29	Application of a Global Analysis Method to a Simplified Climate Model. <i>Theoretical and Applied Climatology</i> , 1998, 61, 103-111.	2.8	1
30	Observational Consistency Comparison and Analyses of an X-Band Solid-State Radar and an X-Band Klystron Doppler Radar. <i>Journal of Atmospheric and Oceanic Technology</i> , 2017, 34, 2177-2202.	1.3	1
31	Performance analyses of XY-A solid-state weather radar. , 2017, , .		1
32	Fusion of High-Resolution Reflectivity for a New Array Weather Radar. <i>Atmosphere</i> , 2019, 10, 566.	2.3	1
33	Methods for Assessing and Optimizing Solar Orientation by Non-Planar Sensor Arrays. <i>Sensors</i> , 2019, 19, 2561.	3.8	0