Xingang Fan

List of Publications by Year
in descending order

33 papers	528 citations	933447 10 h-index	677142 22 g-index
34 all docs	34 docs citations	34 times ranked	794 citing authors

#	Article	IF	Citations
1	Seasonal Error Component Analysis of the GPM IMERG Version 05 Precipitation Estimations Over Sichuan Basin of China. Earth and Space Science, 2021, 8, e2020EA001259.	2.6	5
2	Effect of diurnal temperature change on cardiovascular risks differed under opposite temperature trends. Environmental Science and Pollution Research, 2021, 28, 39882-39891.	5.3	6
3	Meteorological rhythms of respiratory and circulatory diseases revealed by Harmonic Analysis. Heliyon, 2020, 6, e04034.	3.2	3
4	Automatic Identification of Clear-Air Echoes Based on Millimeter-wave Cloud Radar Measurements. Advances in Atmospheric Sciences, 2020, 37, 912-924.	4.3	4
5	Independent influences of extreme atmospheric pressure on hypertension-related ER visits. Air Quality, Atmosphere and Health, 2020, 13, 1065-1074.	3.3	2
6	Modifying effects of temperature on human mortality related to black carbon particulates in Beijing, China. Atmospheric Environment, 2020, 243, 117845.	4.1	9
7	Comparative Evaluation of the GPM IMERG Early, Late, and Final Hourly Precipitation Products Using the CMPA Data over Sichuan Basin of China. Water (Switzerland), 2020, 12, 554.	2.7	40
8	Methods for Assessing and Optimizing Solar Orientation by Non-Planar Sensor Arrays. Sensors, 2019, 19, 2561.	3.8	0
9	Moderately cold temperature associates with high cardiovascular disease mortality in China. Air Quality, Atmosphere and Health, 2019, 12, 1225-1235.	3.3	3
10	Fusion of High-Resolution Reflectivity for a New Array Weather Radar. Atmosphere, 2019, 10, 566.	2.3	1
11	A temperature indicator for heavy air pollution risks (TIP). Science of the Total Environment, 2019, 678, 712-720.	8.0	4
12	An Optimized Level Set Method Based on QPSO and Fuzzy Clustering. IEICE Transactions on Information and Systems, 2019, E102.D, 1065-1072.	0.7	3
13	Evaluating the Algorithm for Correction of the Bright Band Effects in QPEs with S-, C- and X-Band Dual-Polarized Radars. Advances in Atmospheric Sciences, 2019, 36, 41-54.	4.3	2
14	Evaluating Weather Research and Forecasting Model Sensitivity to Land and Soil Conditions Representative of Karst Landscapes. Boundary-Layer Meteorology, 2018, 166, 503-530.	2.3	6
15	Temperature modulation of the health effects of particulate matter in Beijing, China. Environmental Science and Pollution Research, 2018, 25, 10857-10866.	5.3	18
16	Differences of hemorrhagic and ischemic strokes in age spectra and responses to climatic thermal conditions. Science of the Total Environment, 2018, 644, 1573-1579.	8.0	24
17	Decadal Modulation of Precipitation Patterns over Eastern China by Sea Surface Temperature Anomalies. Journal of Climate, 2017, 30, 7017-7033.	3.2	103
18	Observational Consistency Comparison and Analyses of an X-Band Solid-State Radar and an X-Band Klystron Doppler Radar. Journal of Atmospheric and Oceanic Technology, 2017, 34, 2177-2202.	1.3	1

#	Article	IF	Citations
19	Performance analyses of XY-A solid-state weather radar. , 2017, , .		1
20	The Impacts of Air Temperature on Accidental Casualties in Beijing, China. International Journal of Environmental Research and Public Health, 2016, 13, 1073.	2.6	10
21	Tornado hazard for structural engineering. Natural Hazards, 2016, 83, 1821.	3.4	6
22	Early indications of drought impacts on forests in the southeastern United States. Forestry Chronicle, 2015, 91, 376-383.	0.6	7
23	Increase in surface albedo caused by agricultural plastic film. Atmospheric Science Letters, 2015, 16, 291-296.	1.9	11
24	Land use/land cover changes and regional climate over the Loess Plateau during 2001–2009. Part II: interrelationship from observations. Climatic Change, 2015, 129, 441-455.	3.6	55
25	Land use/land cover changes and regional climate over the Loess Plateau during 2001–2009. Part I: observational evidence. Climatic Change, 2015, 129, 427-440.	3.6	56
26	Assimilating QuikSCAT Ocean Surface Winds with the Weather Research and Forecasting Model for Surface Wind-Field Simulation over the Chukchi/Beaufort Seas. Boundary-Layer Meteorology, 2013, 148, 207-226.	2.3	6
27	Potential soil moisture products from the aquarius radiometer and scatterometer using an observing system simulation experiment. Geoscientific Instrumentation, Methods and Data Systems, 2013, 2, 113-120.	1.6	8
28	Impacts of Soil Heating Condition on Precipitation Simulations in the Weather Research and Forecasting Model. Monthly Weather Review, 2009, 137, 2263-2285.	1.4	25
29	A one-year experimental Arctic reanalysis and comparisons with ERA-40 and NCEP/NCAR reanalyses. Geophysical Research Letters, 2008, 35, .	4.0	5
30	Dynamic Assimilation of MODIS-Retrieved Humidity Profiles within a Regional Model for High-Latitude Forecast Applications. Monthly Weather Review, 2005, 133, 3450-3480.	1.4	20
31	A coupled simple climate model and its global analysis. Theoretical and Applied Climatology, 2004, 79, 31-43.	2.8	2
32	AN ANALYTICAL SOLUTION TO ONE-DIMENSIONAL THERMAL CONDUCTION-CONVECTION IN SOIL. Soil Science, 2003, 168, 99-107.	0.9	81
33	Application of a Global Analysis Method to a Simplified Climate Model. Theoretical and Applied Climatology, 1998, 61, 103-111.	2.8	1