

Zou, Ling

List of Publications by Year in descending order

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times ranked

1160
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction and comparison of solar radiation using improved empirical models and Adaptive Neuro-Fuzzy Inference Systems. <i>Renewable Energy</i> , 2017, 106, 343-353.	8.9	92
2	Comparison of deterministic and data-driven models for solar radiation estimation in China. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 81, 579-594.	16.4	84
3	Innovative trend analysis of solar radiation in China during 1962â€“2015. <i>Renewable Energy</i> , 2018, 119, 675-689.	8.9	71
4	Evaluation of the Latest MODIS GPP Products across Multiple Biomes Using Global Eddy Covariance Flux Data. <i>Remote Sensing</i> , 2017, 9, 418.	4.0	64
5	Assessment of MERRA-2 Surface PM2.5 over the Yangtze River Basin: Ground-based Verification, Spatiotemporal Distribution and Meteorological Dependence. <i>Remote Sensing</i> , 2019, 11, 460.	4.0	64
6	Evaluation of sunshine-based models for predicting diffuse solar radiation in China. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 94, 168-182.	16.4	58
7	Estimation of global solar radiation using an artificial neural network based on an interpolation technique in southeast China. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2016, 146, 110-122.	1.6	57
8	Measurement and estimation of photosynthetically active radiation from 1961 to 2011 in Central China. <i>Applied Energy</i> , 2013, 111, 1010-1017.	10.1	49
9	Prediction of diffuse solar radiation based on multiple variables in China. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 103, 151-216.	16.4	44
10	Impacts of pre-season drought on vegetation spring phenology across the Northeast China Transect. <i>Science of the Total Environment</i> , 2020, 738, 140297.	8.0	43
11	Global surface solar radiation and photovoltaic power from Coupled Model Intercomparison Project Phase 5 climate models. <i>Journal of Cleaner Production</i> , 2019, 224, 304-324.	9.3	40
12	Evaluation of MODIS Gross Primary Production across Multiple Biomes in China Using Eddy Covariance Flux Data. <i>Remote Sensing</i> , 2016, 8, 395.	4.0	34
13	Vegetation green up under the influence of daily minimum temperature and urbanization in the Yellow River Basin, China. <i>Ecological Indicators</i> , 2020, 108, 105760.	6.3	34
14	Analysis of photosynthetically active radiation under various sky conditions in Wuhan, Central China. <i>International Journal of Biometeorology</i> , 2014, 58, 1711-1720.	3.0	27
15	Evaluating Ecosystem Services Supply and Demand Dynamics and Ecological Zoning Management in Wuhan, China. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2332.	2.6	27
16	Modeling and analysis of the spatiotemporal variations of photosynthetically active radiation in China during 1961â€“2012. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 49, 1019-1032.	16.4	26
17	First Effort at Constructing a High-Density Photosynthetically Active Radiation Dataset during 1961â€“2014 in China. <i>Journal of Climate</i> , 2019, 32, 2761-2780.	3.2	24
18	Comparison of Artificial Intelligence and Physical Models for Forecasting Photosynthetically-Active Radiation. <i>Remote Sensing</i> , 2018, 10, 1855.	4.0	22

#	ARTICLE	IF	CITATIONS
19	Gated university campus and its implications for socio-spatial inequality: Evidence from students' accessibility to local public transport. <i>Habitat International</i> , 2018, 80, 11-27.	5.8	22
20	Estimation of hourly and daily photosynthetically active radiation in Inner Mongolia, China, from 1990 to 2012. <i>International Journal of Climatology</i> , 2015, 35, 3120-3131.	3.5	17
21	Assessment of Urban Ecosystem Health Based on Entropy Weight Extension Decision Model in Urban Agglomeration. <i>Sustainability</i> , 2016, 8, 869.	3.2	17
22	Evolution of the Pattern of Spatial Expansion of Urban Land Use in the Poyang Lake Ecological Economic Zone. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 117.	2.6	17
23	Long-term variations of estimated global solar radiation and the influencing factors in Hunan province, China during 1980â€“2013. <i>Meteorology and Atmospheric Physics</i> , 2016, 128, 155-165.	2.0	15
24	Characteristics of Long-Term Climate Change and the Ecological Responses in Central China. <i>Earth Interactions</i> , 2016, 20, 1-24.	1.5	14
25	Evaluation of Direct Horizontal Irradiance in China Using a Physically-Based Model and Machine Learning Methods. <i>Energies</i> , 2019, 12, 150.	3.1	13
26	Attribution of local land surface temperature variations response to irrigation over the North China Plain. <i>Science of the Total Environment</i> , 2022, 826, 154104.	8.0	12
27	Evaluating the Performance of Sentinel-3A OLCI Land Products for Gross Primary Productivity Estimation Using AmeriFlux Data. <i>Remote Sensing</i> , 2020, 12, 1927.	4.0	10
28	Revisiting global satellite observations of stratospheric cirrus clouds. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 9939-9959.	4.9	10
29	Massive-Parallel Trajectory Calculations version 2.2 (MPTRAC-2.2): Lagrangian transport simulations on graphics processing units (GPUs). <i>Geoscientific Model Development</i> , 2022, 15, 2731-2762.	3.6	9
30	An improved method for estimating the Å…ngstrÅ“m turbidity coefficient $\hat{\tau}^2$ in Central China during 1961â€“2010. <i>Energy</i> , 2015, 81, 67-73.	8.8	8
31	Empirical evidence for deep convection being a major source of stratospheric ice clouds over North America. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 10457-10475.	4.9	7
32	Analysis of Water Resources in Horqin Sandy Land Using Multisource Data from 2003 to 2010. <i>Sustainability</i> , 2016, 8, 374.	3.2	6
33	Estimation of atmospheric turbidity coefficient τ_{a}^2 over Zhengzhou, China during 1961â€“2013 using an improved hybrid model. <i>Renewable Energy</i> , 2016, 86, 1134-1144.	8.9	5
34	A global view on stratospheric ice clouds: assessment of processes related to their occurrence based on satellite observations. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 6677-6702.	4.9	5
35	Evaluation of Various Tree-Based Ensemble Models for Estimating Solar Energy Resource Potential in Different Climatic Zones of China. <i>Energies</i> , 2022, 15, 3463.	3.1	3
36	Change detection in very high resolution imagery and vector data applied to the monitoring of geographical conditions. <i>Sensor Review</i> , 2016, 36, 347-358.	1.8	1

#	ARTICLE	IF	CITATIONS
37	MONTHLY MEAN GLOBAL SOLAR RADIATION MODELING USING ARTIFICIAL NEURAL NETWORK TECHNIQUE IN SOUTHEAST HILL AREAS, CHINA DURING 1993-2013. , 2016, , .		1
38	Spatial-Temporal Evolution of the Distribution Pattern of Neolithic Sites in Han River Basin, China. Environmental Archaeology, 2020, 25, 1-13.	1.2	0