

# Xiaoping Rui

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

24  
papers

167  
citations

6  
h-index

12  
g-index

26  
ext. papers

231  
ext. citations

3.1  
avg, IF

3.2  
L-index

#	Paper	IF	Citations
24	Analysing the Performance of Four Hydrological Models in a Chinese Arid and Semi-Arid Catchment. <i>Sustainability</i> , <b>2022</b> , 14, 3677	3.6	1
23	Wetland Change Mapping Using Machine Learning Algorithms, and Their Link with Climate Variation and Economic Growth: A Case Study of Guangling County, China. <i>Sustainability</i> , <b>2022</b> , 14, 439	3.6	4
22	Research on Automatic Identification Method of Terraces on the Loess Plateau Based on Deep Transfer Learning. <i>Remote Sensing</i> , <b>2022</b> , 14, 2446	5	
21	Quantitative Evaluation of Psychological Tolerance under the Haze: A Case Study of Typical Provinces and Cities in China with Severe Haze. <i>International Journal of Environmental Research and Public Health</i> , <b>2022</b> , 19, 6574	4.6	1
20	Adaptive Forest Fire Spread Simulation Algorithm Based on Cellular Automata. <i>Forests</i> , <b>2021</b> , 12, 1431	2.8	2
19	Filtering Link Outliers in Vehicle Trajectories by Spatial Reasoning. <i>ISPRS International Journal of Geo-Information</i> , <b>2021</b> , 10, 333	2.9	
18	Research on CO-word network topic mining and topic differences based on haze microblog data. <i>Journal of Physics: Conference Series</i> , <b>2021</b> , 1971, 012089	0.3	1
17	Feature Merged Network for Oil Spill Detection Using SAR Images. <i>Remote Sensing</i> , <b>2021</b> , 13, 3174	5	5
16	Using an Internet of Behaviours to Study How Air Pollution Can Affect People's Activities of Daily Living: A Case Study of Beijing, China. <i>Sensors</i> , <b>2021</b> , 21,	3.8	1
15	A Weight Assignment Algorithm for Incomplete Traffic Information Road Based on Fuzzy Random Forest Method. <i>Symmetry</i> , <b>2021</b> , 13, 1588	2.7	1
14	A Multivariate Long Short-Term Memory Neural Network for Coalbed Methane Production Forecasting. <i>Symmetry</i> , <b>2020</b> , 12, 2045	2.7	1
13	A Spatial and Temporal Combination Model for Traffic Flow: A Case Study of Beijing Expressway <b>2020</b> ,		1
12	Forecasting of Coalbed Methane Daily Production Based on T-LSTM Neural Networks. <i>Symmetry</i> , <b>2020</b> , 12, 861	2.7	5
11	Diurnal Variation of Seasonal Precipitation over the CONUS: A Comparison of Gauge Observations with TRMM Data. <i>Advances in Meteorology</i> , <b>2020</b> , 2020, 1-13	1.7	2
10	A Framework to Predict High-Resolution Spatiotemporal PM2.5 Distributions Using a Deep-Learning Model: A Case Study of Shijiazhuang, China. <i>Remote Sensing</i> , <b>2020</b> , 12, 2825	5	11
9	A Method for the Estimation of Finely-Grained Temporal Spatial Human Population Density Distributions Based on Cell Phone Call Detail Records. <i>Remote Sensing</i> , <b>2020</b> , 12, 2572	5	8
8	A better way to monitor haze through image based upon the adjusted LeNet-5 CNN model. <i>Signal, Image and Video Processing</i> , <b>2020</b> , 14, 455-463	1.6	5

7	Large-Scale, Fine-Grained, Spatial, and Temporal Analysis, and Prediction of Mobile Phone Users' Distributions Based upon a Convolution Long Short-Term Model. <i>Sensors</i> , <b>2019</b> , 19,	3.8	8
6	An efficient karst fracture seepage path construction algorithm based on a generalized disk model. <i>Arabian Journal of Geosciences</i> , <b>2019</b> , 12, 1	1.8	1
5	Evaluation of detection ability of regional radar network in complex terrain based on digital elevation model: a sample study of Fujian province in China. <i>Meteorology and Atmospheric Physics</i> , <b>2019</b> , 131, 1467-1481	2	2
4	Forest fire spread simulation algorithm based on cellular automata. <i>Natural Hazards</i> , <b>2018</b> , 91, 309-319	3	15
3	Critical Review of Methods to Estimate PM2.5 Concentrations within Specified Research Region. <i>ISPRS International Journal of Geo-Information</i> , <b>2018</b> , 7, 368	2.9	26
2	A novel approach for generating routable road maps from vehicle GPS traces. <i>International Journal of Geographical Information Science</i> , <b>2015</b> , 29, 69-91	4.1	66
1	Quantitative spatiotemporal impact of dynamic population density changes on the COVID-19 pandemic in China's mainland. <i>Geo-Spatial Information Science</i> , 1-22	3.5	0