

Xiaoping Rui

List of Publications by Year in descending order

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papers

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all docs

26
docs citations

26
times ranked

330
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative spatiotemporal impact of dynamic population density changes on the COVID-19 pandemic in China's mainland. <i>Geo-Spatial Information Science</i> , 2023, 26, 642-663.	2.4	3
2	Analysing the Performance of Four Hydrological Models in a Chinese Arid and Semi-Arid Catchment. <i>Sustainability</i> , 2022, 14, 3677.	1.6	3
3	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> , 2022, 14, 439.	1.6	8
4	Research on Automatic Identification Method of Terraces on the Loess Plateau Based on Deep Transfer Learning. <i>Remote Sensing</i> , 2022, 14, 2446.	1.8	4
5	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> , 2022, 19, 6574.	1.2	5
6	A Spatio-Temporal Weighted Filling Method for Missing AOD Values. <i>Atmosphere</i> , 2022, 13, 1080.	1.0	2
7	Filtering Link Outliers in Vehicle Trajectories by Spatial Reasoning. <i>ISPRS International Journal of Geo-Information</i> , 2021, 10, 333.	1.4	0
8	Research on CO-word network topic mining and topic differences based on haze microblog data. <i>Journal of Physics: Conference Series</i> , 2021, 1971, 012089.	0.3	1
9	Feature Merged Network for Oil Spill Detection Using SAR Images. <i>Remote Sensing</i> , 2021, 13, 3174.	1.8	16
10	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> , 2021, 21, 5569.	2.1	9
11	A Weight Assignment Algorithm for Incomplete Traffic Information Road Based on Fuzzy Random Forest Method. <i>Symmetry</i> , 2021, 13, 1588.	1.1	2
12	Adaptive Forest Fire Spread Simulation Algorithm Based on Cellular Automata. <i>Forests</i> , 2021, 12, 1431.	0.9	14
13	A better way to monitor haze through image based upon the adjusted LeNet-5 CNN model. <i>Signal, Image and Video Processing</i> , 2020, 14, 455-463.	1.7	11
14	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> , 2020, 12, 2825.	1.8	26
15	An Attention-based Approach for Traffic Conditions Forecasting Considering Spatial-Temporal Features. , 2020, , .		5
16	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> , 2020, 12, 2572.	1.8	19
17	A Multivariate Long Short-Term Memory Neural Network for Coalbed Methane Production Forecasting. <i>Symmetry</i> , 2020, 12, 2045.	1.1	3
18	A Spatial and Temporal Combination Model for Traffic Flow: A Case Study of Beijing Expressway. , 2020, , .		1

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19	Forecasting of Coalbed Methane Daily Production Based on T-LSTM Neural Networks. <i>Symmetry</i> , 2020, 12, 861.	1.1	8
20	Diurnal Variation of Seasonal Precipitation over the CONUS: A Comparison of Gauge Observations with TRMM Data. <i>Advances in Meteorology</i> , 2020, 2020, 1-13.	0.6	2
21	Large-Scale, Fine-Grained, Spatial, and Temporal Analysis, and Prediction of Mobile Phone Users's™ Distributions Based upon a Convolution Long Short-Term Model. <i>Sensors</i> , 2019, 19, 2156.	2.1	13
22	An efficient karst fracture seepage path construction algorithm based on a generalized disk model. <i>Arabian Journal of Geosciences</i> , 2019, 12, 1.	0.6	2
23	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> , 2019, 131, 1467-1481.	0.9	2
24	Forest fire spread simulation algorithm based on cellular automata. <i>Natural Hazards</i> , 2018, 91, 309-319.	1.6	32
25	Critical Review of Methods to Estimate PM2.5 Concentrations within Specified Research Region. <i>ISPRS International Journal of Geo-Information</i> , 2018, 7, 368.	1.4	42
26	A novel approach for generating routable road maps from vehicle GPS traces. <i>International Journal of Geographical Information Science</i> , 2015, 29, 69-91.	2.2	81