

Kui Xu

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

929
citations

623734

14
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

803
citing authors

#	ARTICLE	IF	CITATIONS
1	Urban flooding risk assessment based on an integrated k-means cluster algorithm and improved entropy weight method in the region of Haikou, China. <i>Journal of Hydrology</i> , 2018, 563, 975-986.	5.4	248
2	Integrated flood vulnerability assessment approach based on TOPSIS and Shannon entropy methods. <i>Ecological Indicators</i> , 2018, 89, 269-280.	6.3	136
3	Multiple flood vulnerability assessment approach based on fuzzy comprehensive evaluation method and coordinated development degree model. <i>Journal of Environmental Management</i> , 2018, 213, 440-450.	7.8	102
4	Joint Probability Analysis of Extreme Precipitation and Storm Tide in a Coastal City under Changing Environment. <i>PLoS ONE</i> , 2014, 9, e109341.	2.5	71
5	Compound effects of rainfall and storm tides on coastal flooding risk. <i>Stochastic Environmental Research and Risk Assessment</i> , 2019, 33, 1249-1261.	4.0	53
6	Numerical investigation on the penetration of gravity installed anchors by a coupled Eulerian-Lagrangian approach. <i>Applied Ocean Research</i> , 2016, 60, 94-108.	4.1	49
7	Optimal management of the flooding risk caused by the joint occurrence of extreme rainfall and high tide level in a coastal city. <i>Natural Hazards</i> , 2017, 89, 183-200.	3.4	40
8	Development of a landscape indicator to evaluate the effect of landscape pattern on surface runoff in the Haihe River Basin. <i>Journal of Hydrology</i> , 2018, 566, 546-557.	5.4	40
9	Projection of climate change impacts on hydropower in the source region of the Yangtze River based on CMIP6. <i>Journal of Hydrology</i> , 2022, 606, 127453.	5.4	30
10	Staged optimization of urban drainage systems considering climate change and hydrological model uncertainty. <i>Journal of Hydrology</i> , 2020, 587, 124959.	5.4	29
11	Joint Risk of Rainfall and Storm Surges during Typhoons in a Coastal City of Haidian Island, China. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1377.	2.6	28
12	Flash flood vulnerability assessment for small catchments with a material flow approach. <i>Natural Hazards</i> , 2017, 88, 699-719.	3.4	22
13	A Rapid Prediction Model of Urban Flood Inundation in a High-Risk Area Coupling Machine Learning and Numerical Simulation Approaches. <i>International Journal of Disaster Risk Science</i> , 2021, 12, 903-918.	2.9	21
14	Assessment of Water Resources Sustainability in Mainland China in Terms of Water Intensity and Efficiency. <i>Environmental Management</i> , 2019, 63, 309-321.	2.7	18
15	Water Price Prediction for Increasing Market Efficiency Using Random Forest Regression: A Case Study in the Western United States. <i>Water (Switzerland)</i> , 2019, 11, 228.	2.7	15
16	Guarantee rate of freshwater in a river mouth intruded by saltwater with respect to the joint impact of runoff and tide. <i>Journal of Hydroinformatics</i> , 2015, 17, 917-929.	2.4	13
17	Optimal Reservoir Flood Control Operation Using a Hedging Model and Considering the Near-Field Vibrations Induced by Flood Release. <i>Water Resources Management</i> , 2019, 33, 2645-2663.	3.9	5
18	A novel multi-objective optimization framework to allocate support funds for flash flood reduction based on multiple vulnerability assessment. <i>Journal of Hydrology</i> , 2021, 603, 127144.	5.4	5

#	ARTICLE	IF	CITATIONS
19	Staged Optimization Design for Updating Urban Drainage Systems in a City of China. Water (Switzerland), 2018, 10, 66.	2.7	4