

Eui Lee

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

260
citations

1039880

9
h-index

996849

15
g-index

31
all docs

31
docs citations

31
times ranked

249
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of Resilience Index Based on Flooding Damage in Urban Areas. <i>Water (Switzerland)</i> , 2017, 9, 428.	1.2	29
2	Development of a flood-damage-based flood forecasting technique. <i>Journal of Hydrology</i> , 2018, 563, 181-194.	2.3	29
3	Flood Reduction in Urban Drainage Systems: Cooperative Operation of Centralized and Decentralized Reservoirs. <i>Water (Switzerland)</i> , 2016, 8, 469.	1.2	24
4	Investigating the Impact of Proactive Pump Operation and Capacity Expansion on Urban Drainage System Resilience. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2017, 143, 04017024.	1.3	20
5	Predicting Sedimentation in Urban Sewer Conduits. <i>Water (Switzerland)</i> , 2018, 10, 462.	1.2	18
6	Application of Flood Nomograph for Flood Forecasting in Urban Areas. <i>Water (Switzerland)</i> , 2018, 10, 53.	1.2	14
7	Design and Operation of Decentralized Reservoirs in Urban Drainage Systems. <i>Water (Switzerland)</i> , 2017, 9, 246.	1.2	11
8	Development of New Inter-Event Time Definition Technique in Urban Areas. <i>KSCE Journal of Civil Engineering</i> , 2018, 22, 3764-3771.	0.9	10
9	Development of a Reliability Index Considering Flood Damage for Urban Drainage Systems. <i>KSCE Journal of Civil Engineering</i> , 2019, 23, 1872-1880.	0.9	10
10	Development and Application of Advanced Muskingum Flood Routing Model Considering Continuous Flow. <i>Water (Switzerland)</i> , 2018, 10, 760.	1.2	9
11	A Study on the Improvement of Flood Forecasting Techniques in Urban Areas by Considering Rainfall Intensity and Duration. <i>Water (Switzerland)</i> , 2019, 11, 1883.	1.2	9
12	Development of a New 8-Parameter Muskingum Flood Routing Model with Modified Inflows. <i>Water (Switzerland)</i> , 2021, 13, 3170.	1.2	9
13	Convertible Operation Techniques for Pump Stations Sharing Centralized Reservoirs for Improving Resilience in Urban Drainage Systems. <i>Water (Switzerland)</i> , 2017, 9, 843.	1.2	8
14	Runoff Prediction Based on the Discharge of Pump Stations in an Urban Stream Using a Modified Multi-Layer Perceptron Combined with Meta-Heuristic Optimization. <i>Water (Switzerland)</i> , 2022, 14, 99.	1.2	8
15	Real-Time Integrated Operation for Urban Streams with Centralized and Decentralized Reservoirs to Improve System Resilience. <i>Water (Switzerland)</i> , 2019, 11, 69.	1.2	6
16	Development of a Revised Multi-Layer Perceptron Model for Dam Inflow Prediction. <i>Water (Switzerland)</i> , 2022, 14, 1878.	1.2	6
17	Determining optimal locations for rainwater storage sites with the goal of reducing urban inundation damage costs. <i>KSCE Journal of Civil Engineering</i> , 2017, 21, 2488-2500.	0.9	5
18	Application of a Meta-heuristic Optimization Algorithm Motivated by a Vision Correction Procedure for Civil Engineering Problems. <i>KSCE Journal of Civil Engineering</i> , 2018, 22, 2623-2636.	0.9	5

#	ARTICLE	IF	CITATIONS
19	Performance Comparison of Metaheuristic Optimization Algorithms Using Water Distribution System Design Benchmarks. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 97-104.	0.5	4
20	Advanced Operating Technique for Centralized and Decentralized Reservoirs Based on Flood Forecasting to Increase System Resilience in Urban Watersheds. <i>Water (Switzerland)</i> , 2019, 11, 1533.	1.2	4
21	Developing a Reliability Index of Low Impact Development for Urban Areas. <i>Water (Switzerland)</i> , 2020, 12, 2961.	1.2	4
22	Development of Operation in Urban Offline Detention Reservoirs. <i>Korean Society of Hazard Mitigation</i> , 2016, 16, 227-236.	0.1	4
23	Functional Relationship between Soil Slurry Transfer and Deposition in Urban Sewer Conduits. <i>Water (Switzerland)</i> , 2018, 10, 825.	1.2	3
24	Application of Self-adaptive Vision-Correction Algorithm for Water-Distribution Problem. <i>KSCE Journal of Civil Engineering</i> , 2021, 25, 1106-1115.	0.9	3
25	Development of the new meta-heuristic optimization algorithm inspired by a vision correction procedure: Vision Correction Algorithm. <i>Journal of the Korea Academia-Industrial Cooperation Society</i> , 2016, 17, 117-126.	0.0	2
26	A Study on the Parameter Estimation of Sewer Network Model Using Sewer Level Data. <i>Korean Society of Hazard Mitigation</i> , 2018, 18, 261-269.	0.1	2
27	Flood Risk Analysis by Building Use in Urban Planning for Disaster Risk Reduction and Climate Change Adaptation. <i>Sustainability</i> , 2021, 13, 13006.	1.6	2
28	Estimation of Interevent Time for Management of Non-Point Source Pollutants. <i>Journal of the Korea Academia-Industrial Cooperation Society</i> , 2014, 15, 3159-3168.	0.0	1
29	Determination of CSOs Treatment Capacity considering the Pollution Load. <i>Journal of the Korea Academia-Industrial Cooperation Society</i> , 2014, 15, 3270-3278.	0.0	0
30	Efficiency Evaluation of Harmony Search Algorithm according to Constraint Handling Techniques : Application to Optimal Pipe Size Design Problem. <i>Journal of the Korea Academia-Industrial Cooperation Society</i> , 2015, 16, 4999-5008.	0.0	0