## Mohsen Hajibabaei

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Generation of optimal (de)centralized layouts for urban drainage systems: A graph-theory-based combinatorial multi-objective optimization framework. Sustainable Cities and Society, 2022, 81, 103827.	5.1	21
2	Identification of Critical Pipes of Water Distribution Networks Using a Hydraulically Informed Graph-Based Approach. , 2022, , .		5
3	Exploring the Potential of Hydraulically Informed Graph Analysis for Urban Drainage Networks. , 2022, , .		0
4	Evaluating the Digital Resilience of Urban Water Infrastructure Retrofitted with Smart Rainwater Harvesting. , 2022, , .		0
5	Life Cycle Sustainability Assessment of Wastewater Systems under Applying Water Demand Management Policies. Sustainability, 2022, 14, 7736.	1.6	8
6	Environmental potentials of asphalt mixtures fabricated with red mud and fly ash. Road Materials and Pavement Design, 2021, 22, S690-S701.	2.0	9
7	Stationary vs non-stationary modelling of flood frequency distribution across northwest England. Hydrological Sciences Journal, 2021, 66, 729-744.	1.2	23
8	Implication of Different Pipe-Sizing Strategies for the Resilience of Stormwater Networks. , 2021, , .		4
9	How to Perform Life Cycle Assessment for Water Distribution Networks with Partly Unavailable Data. , 2021, , .		2
10	Revealing the Challenges of Smart Rainwater Harvesting for Integrated and Digital Resilience of Urban Water Infrastructure. Water (Switzerland), 2021, 13, 1902.	1.2	11
11	WRSS: An Object-Oriented R Package for Large-Scale Water Resources Operation. Water (Switzerland), 2021, 13, 3037.	1.2	0
12	Determining the Environmental Potentials of Urban Pavements by Applying the Cradle-to-Cradle LCA Approach for a Road Network of a Midscale German City. Sustainability, 2021, 13, 12487.	1.6	18
13	Environmental assessment of construction and renovation of water distribution networks considering uncertainty analysis. Urban Water Journal, 2020, 17, 723-734.	1.0	15
14	Environmental Potentials of Asphalt Materials Applied to Urban Roads: Case Study of the City of Münster. Sustainability, 2020, 12, 6113.	1.6	21
15	Assessing Redundancy in Stormwater Structures Under Hydraulic Design. Water (Switzerland), 2020, 12, 1003.	1.2	14
16	Improving the Performance of Water Distribution Networks Based on the Value Index in the System Dynamics Framework. Water (Switzerland), 2019, 11, 2445.	1.2	16
17	Life cycle assessment of pipes and piping process in drinking water distribution networks to reduce environmental impact. Sustainable Cities and Society, 2018, 43, 538-549.	5.1	43