Mohsen Besharat

List of Publications by Year
in descending order

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19 papers	266 citations	840585 11 h-index	940416 16 g-index
19 all docs	19 docs citations	19 times ranked	141 citing authors

#	Article	IF	Citations
1	Policy-Making toward Integrated Water Resources Management of Zarrine River Basin via System Dynamics Approach under Climate Change Impact. Sustainability, 2022, 14, 3376.	1.6	6
2	Effects of Orifice Sizes for Uncontrolled Filling Processes in Water Pipelines. Water (Switzerland), 2022, 14, 888.	1.2	9
3	Insights and Challenges Associated with Air in Pressurized Water Conveyance Systems. , 2022, , .		1
4	Full-Scale Interface Friction Testing of Geotextile-Based Flood Defence Structures. Buildings, 2022, 12, 990.	1.4	17
5	Closure to a€œComputational fluid dynamics for sub-atmospheric pressure analysis in pipe drainagea€•by Mohsen Besharat, Ã“scar E. Coronado-HernÃ¡ndez, Vicente S. Fuertes-Miquel, Maria Teresa Viseu and Helena Margarida Ramos, J. Hydraulic Res. 58(4), 2020, 553â€“565, https://doi.org/10.1080/00221686.2019.1625819. Journal of Hydraulic Research/De Recherches Hydrauliques, 2021, 59, 1034-1035.	0.7	1
6	Urban Flood Risk and Economic Viability Analyses of a Smart Sustainable Drainage System. Sustainability, 2021, 13, 13889.	1.6	3
7	Computational fluid dynamics for sub-atmospheric pressure analysis in pipe drainage. Journal of Hydraulic Research/De Recherches Hydrauliques, 2020, 58, 553-565.	0.7	20
8	Inline Pumped Storage Hydropower towards Smart and Flexible Energy Recovery in Water Networks. Water (Switzerland), 2020, 12, 2224.	1.2	9
9	Transient-Flow Induced Compressed Air Energy Storage (TI-CAES) System towards New Energy Concept. Water (Switzerland), 2020, 12, 601.	1.2	11
10	Effect of a Commercial Air Valve on the Rapid Filling of a Single Pipeline: a Numerical and Experimental Analysis. Water (Switzerland), 2019, 11, 1814.	1.2	17
11	Storage Ponds Application for Flood Control, Hydropower Generation and Water Supply. International Review of Civil Engineering, 2019, 10, 219.	0.3	4
12	Flow Velocity Distribution Towards Flowmeter Accuracy: CFD, UDV, and Field Tests. Water (Switzerland), 2018, 10, 1807.	1.2	14
13	Backflow air and pressure analysis in emptying a pipeline containing an entrapped air pocket. Urban Water Journal, 2018, 15, 769-779.	1.0	22
14	Subatmospheric pressure in a water draining pipeline with an air pocket. Urban Water Journal, 2018, 15, 346-352.	1.0	22
15	Experimental Study of Air Vessel Behavior for Energy Storage or System Protection in Water Hammer Events. Water (Switzerland), 2017, 9, 63.	1.2	19
16	Experimental and Numerical Analysis of a Water Emptying Pipeline Using Different Air Valves. Water (Switzerland), 2017, 9, 98.	1.2	39
17	Study of a Compressed Air Vessel for Controlling the Pressure Surge in Water Networks: CFD and Experimental Analysis. Water Resources Management, 2016, 30, 2687-2702.	1.9	28
18	The effect of water hammer on a confined air pocket towards flow energy storage system. Journal of Water Supply: Research and Technology - AQUA, 2016, 65, 116-126.	0.6	24

#	Article	IF	Citations
19	Water Energy Generation and Operational Optimization in Water Conveyance Systems: A Case Study. Advanced Materials Research, 0, 622-623, 1130-1134.	0.3	0