

Mohsen Besharat

List of Publications by Year in descending order

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Version: 2024-02-01

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

#	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