

Giuseppe Me Pezzinga

List of Publications by Year in descending order

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30
papers

886
citations

516215

16
h-index

500791

28
g-index

31
all docs

31
docs citations

31
times ranked

410
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of Unsteady Flow Resistances by Quasi-2D or 1D Models. Journal of Hydraulic Engineering, 2000, 126, 778-785.	0.7	151
2	Quasi-2D Model for Unsteady Flow in Pipe Networks. Journal of Hydraulic Engineering, 1999, 125, 676-685.	0.7	140
3	Unsteady Flow in Installations with Polymeric Additional Pipe. Journal of Hydraulic Engineering, 1995, 121, 802-811.	0.7	72
4	Multiobjective Optimization of Pipe Replacements and Control Valve Installations for Leakage Attenuation in Water Distribution Networks. Journal of Water Resources Planning and Management - ASCE, 2015, 141, .	1.3	66
5	Two-Dimensional Features of Viscoelastic Models of Pipe Transients. Journal of Hydraulic Engineering, 2014, 140, 04014036.	0.7	55
6	Embedding linear programming in multi objective genetic algorithms for reducing the size of the search space with application to leakage minimization in water distribution networks. Environmental Modelling and Software, 2015, 69, 308-318.	1.9	51
7	Velocity Distribution in Compound Channel Flows by Numerical Modeling. Journal of Hydraulic Engineering, 1994, 120, 1176-1198.	0.7	47
8	Unsteady Flow in Hydraulic Networks with Polymeric Additional Pipe. Journal of Hydraulic Engineering, 2002, 128, 238-244.	0.7	46
9	Local Balance Unsteady Friction Model. Journal of Hydraulic Engineering, 2009, 135, 45-56.	0.7	34
10	On the choice of the demand and hydraulic modeling approach to <scp>WDN</scp> real-time simulation. Water Resources Research, 2017, 53, 6159-6177.	1.7	32
11	Energy Dissipation in Transient Gaseous Cavitation. Journal of Hydraulic Engineering, 2005, 131, 724-732.	0.7	23
12	A Bi-Objective Approach for Optimizing the Installation of PATs in Systems of Transmission Mains. Water (Switzerland), 2020, 12, 330.	1.2	22
13	Second viscosity in transient cavitating pipe flows. Journal of Hydraulic Research/De Recherches Hydrauliques, 2003, 41, 656-665.	0.7	20
14	Discussion of "Optimal Location of Control Valves in Pipe Networks by Genetic Algorithm" by L. F. R. Reis, R. M. Porto, and F. H. Chaudhry. Journal of Water Resources Planning and Management - ASCE, 1999, 125, 65-67.	1.3	18
15	Evaluation of Time Evolution of Mechanical Parameters of Polymeric Pipes by Unsteady Flow Runs. Journal of Hydraulic Engineering, 2014, 140, 04014057.	0.7	18
16	Combined optimization of pipes and control valves in water distribution networks. Journal of Hydraulic Research/De Recherches Hydrauliques, 2005, 43, 668-677.	0.7	17
17	Analysis of Transient Vaporous Cavitation in Pipes by a Distributed 2D Model. Journal of Hydraulic Engineering, 2014, 140, 04014019.	0.7	17
18	Comparison of Algorithms for the Optimal Location of Control Valves for Leakage Reduction in WDNs. Water (Switzerland), 2018, 10, 466.	1.2	16

#	ARTICLE	IF	CITATIONS
19	Mathematical models of blood flow in the arterial network. Journal of Hydraulic Research/De Recherches Hydrauliques, 2007, 45, 188-201.	0.7	8
20	Extended Thermodynamics Derivation of Energy Dissipation in Unsteady Pipe Flow. Journal of Hydraulic Engineering, 2001, 127, 888-890.	0.7	6
21	Application of Rehabilitation and Active Pressure Control Strategies for Leakage Reduction in a Case-Study Network. Water (Switzerland), 2020, 12, 2215.	1.2	6
22	Discussion of "Velocity Profiles and Unsteady Pipe Friction in Transient Flow," by Bruno Brunone, Bryan W. Karney, Michele Mecarelli, and Marco Ferrante. Journal of Water Resources Planning and Management - ASCE, 2002, 128, 85-85.	1.3	4
23	Closure to "Evaluation of Unsteady Flow Resistances by Quasi-2D or 1D Models" by Giuseppe Pezzinga. Journal of Hydraulic Engineering, 2002, 128, 647-648.	0.7	4
24	MOC-Z Models for Transient Gaseous Cavitation in Pipe Flow. Journal of Hydraulic Engineering, 2020, 146, .	0.7	4
25	Minimum transport-driven algorithm for water distribution network partitioning. Journal of Water Supply: Research and Technology - AQUA, 2022, 71, 120-138.	0.6	3
26	Advances in Water Distribution Networks. Water (Switzerland), 2018, 10, 1546.	1.2	2
27	Shock-Capturing Characteristics Models for Transient Vaporous Cavitation in Pipe Flow. Journal of Hydraulic Engineering, 2020, 146, .	0.7	2
28	Assessing the Impact of Partitioning on Optimal Installation of Control Valves for Leakage Minimization in WDNs. Water (Switzerland), 2021, 13, 1003.	1.2	2
29	Closure to "Velocity Distribution in Compound Channel Flows by Numerical Modeling" by Giuseppe Pezzinga. Journal of Hydraulic Engineering, 1996, 122, 117-117.	0.7	0
30	Discussion of "Transient Friction in Pressurized Pipes. III: Investigation of the EIT Model Based on Position-Dependent Coefficient Approach in MIAB Model" by Pål-Tore Storli and Torbjørn K. Nielsen. Journal of Hydraulic Engineering, 2013, 139, 566-567.	0.7	0