Giuseppe Me Pezzinga

List of Publications by Year
in descending order

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	Minimum transport-driven algorithm for water distribution network partitioning. Journal of Water Supply: Research and Technology - AQUA, 2022, 71, 120-138.	0.6	3
2	Assessing the Impact of Partitioning on Optimal Installation of Control Valves for Leakage Minimization in WDNs. Water (Switzerland), 2021, 13, 1003.	1.2	2
3	Application of Rehabilitation and Active Pressure Control Strategies for Leakage Reduction in a Case-Study Network. Water (Switzerland), 2020, 12, 2215.	1.2	6
4	Shock-Capturing Characteristics Models for Transient Vaporous Cavitation in Pipe Flow. Journal of Hydraulic Engineering, 2020, 146, .	0.7	2
5	MOC-Z Models for Transient Gaseous Cavitation in Pipe Flow. Journal of Hydraulic Engineering, 2020, 146, .	0.7	4
6	A Bi-Objective Approach for Optimizing the Installation of PATs in Systems of Transmission Mains. Water (Switzerland), 2020, 12, 330.	1.2	22
7	Advances in Water Distribution Networks. Water (Switzerland), 2018, 10, 1546.	1.2	2
8	Comparison of Algorithms for the Optimal Location of Control Valves for Leakage Reduction in WDNs. Water (Switzerland), 2018, 10, 466.	1.2	16
9	On the choice of the demand and hydraulic modeling approach to <scp>WDN</scp> realâ€time simulation. Water Resources Research, 2017, 53, 6159-6177.	1.7	32
10	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
11	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
12	Evaluation of Time Evolution of Mechanical Parameters of Polymeric Pipes by Unsteady Flow Runs. Journal of Hydraulic Engineering, 2014, 140, 04014057.	0.7	18
13	Two-Dimensional Features of Viscoelastic Models of Pipe Transients. Journal of Hydraulic Engineering, 2014, 140, 04014036.	0.7	55
14	Analysis of Transient Vaporous Cavitation in Pipes by a Distributed 2D Model. Journal of Hydraulic Engineering, 2014, 140, 04014019.	0.7	17
15	Discussion of â€œTransient Friction in Pressurized Pipes. III: Investigation of the EIT Model Based on Position-Dependent Coefficient Approach in MIAB Modelâ€•by PÃ¥l-Tore Storli and TorbjÃ¸rn K. Nielsen. Journal of Hydraulic Engineering, 2013, 139, 566-567.	0.7	0
16	Local Balance Unsteady Friction Model. Journal of Hydraulic Engineering, 2009, 135, 45-56.	0.7	34
17	Mathematical models of blood flow in the arterial network. Journal of Hydraulic Research/De Recherches Hydrauliques, 2007, 45, 188-201.	0.7	8
18	Energy Dissipation in Transient Gaseous Cavitation. Journal of Hydraulic Engineering, 2005, 131, 724-732.	0.7	23

#	Article	IF	Citations
19	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
20	Second viscosity in transient cavitating pipe flows. Journal of Hydraulic Research/De Recherches Hydrauliques, 2003, 41, 656-665.	0.7	20
21	Discussion of â€œVelocity Profiles and Unsteady Pipe Friction in Transient Flow,â€•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
22	Unsteady Flow in Hydraulic Networks with Polymeric Additional Pipe. Journal of Hydraulic Engineering, 2002, 128, 238-244.	0.7	46
23	Closure to â€œEvaluation of Unsteady Flow Resistances by Quasi-2D or 1D Modelsâ€•by Giuseppe Pezzinga. Journal of Hydraulic Engineering, 2002, 128, 647-648.	0.7	4
24	Extended Thermodynamics Derivation of Energy Dissipation in Unsteady Pipe Flow. Journal of Hydraulic Engineering, 2001, 127, 888-890.	0.7	6
25	Evaluation of Unsteady Flow Resistances by Quasi-2D or 1D Models. Journal of Hydraulic Engineering, 2000, 126, 778-785.	0.7	151
26	Discussion of â€œOptimal Location of Control Valves in Pipe Networks by Genetic Algorithmâ€•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
27	Quasi-2D Model for Unsteady Flow in Pipe Networks. Journal of Hydraulic Engineering, 1999, 125, 676-685.	0.7	140
28	Closure to â€œVelocity Distribution in Compound Channel Flows by Numerical Modelingâ€•by Giuseppe Pezzinga. Journal of Hydraulic Engineering, 1996, 122, 117-117.	0.7	0
29	Unsteady Flow in Installations with Polymeric Additional Pipe. Journal of Hydraulic Engineering, 1995, 121, 802-811.	0.7	72
30	Velocity Distribution in Compound Channel Flows by Numerical Modeling. Journal of Hydraulic Engineering, 1994, 120, 1176-1198.	0.7	47