

Alberto Campisano

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,250
citations

535685

17
h-index

466096

32
g-index

34
all docs

34
docs citations

34
times ranked

1342
citing authors

#	ARTICLE	IF	CITATIONS
1	Unsteady flow modelling of hydraulic and electrical RTC of PATs for hydropower generation and service pressure regulation in WDN. <i>Urban Water Journal</i> , 2022, 19, 233-243.	1.0	3
2	Long-term experiments for the evaluation of the potential for storm water control of modular blue roofs in Mediterranean climate. <i>Urban Water Journal</i> , 2021, 18, 33-42.	1.0	7
3	A Simplified Methodology for Optimal Location and Setting of Valves to Improve Equity in Intermittent Water Distribution Systems. <i>Water Resources Management</i> , 2021, 35, 4477-4494.	1.9	9
4	Application of Rehabilitation and Active Pressure Control Strategies for Leakage Reduction in a Case-Study Network. <i>Water (Switzerland)</i> , 2020, 12, 2215.	1.2	6
5	Laboratory experiments and simulation analysis to evaluate the application potential of pressure remote RTC in water distribution networks. <i>Water Research</i> , 2020, 183, 116072.	5.3	7
6	Advances in Modeling and Management of Urban Water Networks. <i>Water (Switzerland)</i> , 2020, 12, 2956.	1.2	2
7	A Bi-Objective Approach for Optimizing the Installation of PATs in Systems of Transmission Mains. <i>Water (Switzerland)</i> , 2020, 12, 330.	1.2	22
8	A model for non-uniform sediment transport induced by flushing in sewer channels. <i>Water Research</i> , 2019, 163, 114903.	5.3	13
9	Laboratory analysis of the outflow and detention processes from modular tray-based blue roofs. <i>Urban Water Journal</i> , 2018, 15, 934-942.	1.0	4
10	Using EPA-SWMM to simulate intermittent water distribution systems. <i>Urban Water Journal</i> , 2018, 15, 925-933.	1.0	19
11	Urban rainwater harvesting systems: Research, implementation and future perspectives. <i>Water Research</i> , 2017, 115, 195-209.	5.3	420
12	A dimensionless approach for the urban-scale evaluation of domestic rainwater harvesting systems for toilet flushing and garden irrigation. <i>Urban Water Journal</i> , 2017, 14, 883-891.	1.0	25
13	A field experiment to evaluate the cleaning performance of sewer flushing on non-uniform sediment deposits. <i>Water Research</i> , 2017, 118, 59-69.	5.3	35
14	Evaluating the SWMM LID Editor rain barrel option for the estimation of retention potential of rainwater harvesting systems. <i>Urban Water Journal</i> , 2017, 14, 876-881.	1.0	19
15	Water Saving and Cost Analysis of Large-Scale Implementation of Domestic Rain Water Harvesting in Minor Mediterranean Islands. <i>Water (Switzerland)</i> , 2017, 9, 916.	1.2	17
16	A hydraulic invariance-based methodology for the implementation of stormwater release restrictions in urban land use master plans. <i>Hydrological Processes</i> , 2017, 31, 4046-4055.	1.1	9
17	Rainwater harvesting as source control option to reduce roof runoff peaks to downstream drainage systems. <i>Journal of Hydroinformatics</i> , 2016, 18, 23-32.	1.1	39
18	Leakage Management: WDNXL Pressure Control Module. <i>Procedia Engineering</i> , 2015, 119, 82-90.	1.2	16

#	ARTICLE	IF	CITATIONS
19	Appropriate resolution timescale to evaluate water saving and retention potential of rainwater harvesting for toilet flushing in single houses. <i>Journal of Hydroinformatics</i> , 2015, 17, 331-346.	1.1	48
20	Numerical modelling of sediment bed aggradation in open rectangular drainage channels. <i>Urban Water Journal</i> , 2013, 10, 365-376.	1.0	16
21	Optimal sizing of storage tanks for domestic rainwater harvesting in Sicily. <i>Resources, Conservation and Recycling</i> , 2012, 63, 9-16.	5.3	121
22	A simplified approach for the design of infiltration trenches. <i>Water Science and Technology</i> , 2011, 64, 1362-1367.	1.2	18
23	Head Reconstruction Method to Balance Flux and Source Terms in Shallow Water Equations. <i>Journal of Engineering Mechanics - ASCE</i> , 2010, 136, 517-523.	1.6	6
24	RTC of Valves for Leakage Reduction in Water Supply Networks. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2010, 136, 138-141.	1.3	71
25	P controller calibration for the real time control of moveable weirs in (proportional) sewer channels. <i>Water Science and Technology</i> , 2009, 59, 2237-2244.	1.2	8
26	Laboratory investigation on the effects of flushes on cohesive sediment beds. <i>Urban Water Journal</i> , 2008, 5, 3-14.	1.0	23
27	Regional Models for the Estimation of Streamflow Series in Ungauged Basins. <i>Water Resources Management</i> , 2007, 21, 789-800.	1.9	31
28	Discussion of "Gate and Vacuum Flushing of Sewer Sediment: Laboratory Testing" by Qizhong Guo, Chi-Yuan Fan, Ramjee Raghaven, and Richard Field. <i>Journal of Hydraulic Engineering</i> , 2005, 131, 1145-1146.	0.7	3
29	Real time control of urban wastewater systems "where do we stand today?". <i>Journal of Hydrology</i> , 2004, 299, 335-348.	2.3	164
30	Experimental and numerical analysis of the scouring effects of flushing waves on sediment deposits. <i>Journal of Hydrology</i> , 2004, 299, 324-334.	2.3	17
31	P Units Calibration for the RTC of Sewer Collectors Using a Dimensionless Approach. , 2002, , .		5
32	Regulators' setup with application to the Roma "Cecchignola combined sewer system. <i>Urban Water</i> , 2000, 2, 235-242.	0.5	29
33	Retention Performance of Domestic Rain Water Harvesting Tank under Climate Change Conditions. <i>Applied Mechanics and Materials</i> , 0, 438-439, 451-458.	0.2	10