

Roberta Padulano

List of Publications by Year in descending order

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759233

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25
times ranked

403
citing authors

#	ARTICLE	IF	CITATIONS
1	Bulk Drag Predictions of Riparian ArundoÂdonax Stands through UAV-Acquired Multispectral Images. Water (Switzerland), 2021, 13, 1333.	2.7	51
2	Hydraulic Efficiency of Green-Blue Flood Control Scenarios for Vegetated Rivers: 1D and 2D Unsteady Simulations. Water (Switzerland), 2021, 13, 2620.	2.7	38
3	Hydraulic Design of a USBR Type II Stilling Basin. Journal of Irrigation and Drainage Engineering - ASCE, 2017, 143, .	1.0	33
4	Propagation of variability in climate projections within urban flood modelling: A multi-purpose impact analysis. Journal of Hydrology, 2021, 602, 126756.	5.4	30
5	A Mixed Strategy Based on Self-Organizing Map for Water Demand Pattern Profiling of Large-Size Smart Water Grid Data. Water Resources Management, 2018, 32, 3671-3685.	3.9	26
6	Sensitivity Analysis and Calibration of a Rainfall-Runoff Model with the Combined Use of EPA-SWMM and Genetic Algorithm. Acta Geophysica, 2016, 64, 1755-1778.	2.0	25
7	An ensemble approach for the analysis of extreme rainfall under climate change in Naples (Italy). Hydrological Processes, 2019, 33, 2020-2036.	2.6	25
8	Optimal Pump Scheduling for Urban Drainage under Variable Flow Conditions. Resources, 2018, 7, 73.	3.5	21
9	Characterizing extreme values of precipitation at very high resolution: An experiment over twenty European cities. Weather and Climate Extremes, 2022, 35, 100407.	4.1	19
10	Combined Effects of Parallel and Series Detention Basins for Flood Peak Reduction. Water Resources Management, 2014, 28, 3193-3205.	3.9	18
11	Multivariate probability distribution for sewer system vulnerability assessment under data-limited conditions. Water Science and Technology, 2016, 73, 751-760.	2.5	16
12	Optimization of Osmotic Desalination Plants for Water Supply Networks. Water Resources Management, 2016, 30, 3965-3978.	3.9	16
13	Future rainfall scenarios for the assessment of water availability in Italy. , 2020, , .		15
14	Using the present to estimate the future: A simplified approach for the quantification of climate change effects on urban flooding by scenario analysis. Hydrological Processes, 2021, 35, e14436.	2.6	13
15	A nonparametric framework for water consumption data cleansing: an application to a smart water network in Naples (Italy). Journal of Hydroinformatics, 2020, 22, 666-680.	2.4	12
16	Datasets and approaches for the estimation of rainfall erosivity over Italy: A comprehensive comparison study and a new method. Journal of Hydrology: Regional Studies, 2021, 34, 100788.	2.4	12
17	Experimental Analysis of a Vertical Drop Shaft. Water (Switzerland), 2013, 5, 1380-1392.	2.7	10
18	Pattern Detection and Scaling Laws of Daily Water Demand by SOM: an Application to the WDN of Naples, Italy. Water Resources Management, 2019, 33, 739-755.	3.9	9

#	ARTICLE	IF	CITATIONS
19	Spatial Aggregation Effect on Water Demand Peak Factor. <i>Water</i> (Switzerland), 2020, 12, 2019.	2.7	6
20	Flow regimes in a vertical drop shaft with a sharp-edged intake. <i>Journal of Applied Water Engineering and Research</i> , 2015, 3, 29-34.	1.8	5
21	Transitional and Weir Flow in a Vented Drop Shaft with a Sharp-Edged Intake. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2016, 142, 06016002.	1.0	4
22	Novel Diversion Structure for Supercritical Flow. <i>Journal of Hydraulic Engineering</i> , 2013, 139, 84-87.	1.5	2
23	Identification of Annual Water Demand Patterns in the City of Naples. <i>Proceedings (mdpi)</i> , 2018, 2, 587.	0.2	1