

Roberta Padulano

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

407
citations

759190

12
h-index

794568

19
g-index

25
all docs

25
docs citations

25
times ranked

403
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterizing extreme values of precipitation at very high resolution: An experiment over twenty European cities. <i>Weather and Climate Extremes</i> , 2022, 35, 100407.	4.1	19
2	Datasets and approaches for the estimation of rainfall erosivity over Italy: A comprehensive comparison study and a new method. <i>Journal of Hydrology: Regional Studies</i> , 2021, 34, 100788.	2.4	12
3	Bulk Drag Predictions of Riparian <i>Arundo Donax</i> Stands through UAV-Acquired Multispectral Images. <i>Water (Switzerland)</i> , 2021, 13, 1333.	2.7	51
4	Hydraulic Efficiency of Green-Blue Flood Control Scenarios for Vegetated Rivers: 1D and 2D Unsteady Simulations. <i>Water (Switzerland)</i> , 2021, 13, 2620.	2.7	38
5	Propagation of variability in climate projections within urban flood modelling: A multi-purpose impact analysis. <i>Journal of Hydrology</i> , 2021, 602, 126756.	5.4	30
6	Using the present to estimate the future: A simplified approach for the quantification of climate change effects on urban flooding by scenario analysis. <i>Hydrological Processes</i> , 2021, 35, e14436.	2.6	13
7	Spatial Aggregation Effect on Water Demand Peak Factor. <i>Water (Switzerland)</i> , 2020, 12, 2019.	2.7	6
8	Future rainfall scenarios for the assessment of water availability in Italy. , 2020, , .		15
9	A nonparametric framework for water consumption data cleansing: an application to a smart water network in Naples (Italy). <i>Journal of Hydroinformatics</i> , 2020, 22, 666-680.	2.4	12
10	An ensemble approach for the analysis of extreme rainfall under climate change in Naples (Italy). <i>Hydrological Processes</i> , 2019, 33, 2020-2036.	2.6	25
11	Pattern Detection and Scaling Laws of Daily Water Demand by SOM: an Application to the WDN of Naples, Italy. <i>Water Resources Management</i> , 2019, 33, 739-755.	3.9	9
12	Optimal Pump Scheduling for Urban Drainage under Variable Flow Conditions. <i>Resources</i> , 2018, 7, 73.	3.5	21
13	Identification of Annual Water Demand Patterns in the City of Naples. <i>Proceedings (mdpi)</i> , 2018, 2, 587.	0.2	1
14	A Mixed Strategy Based on Self-Organizing Map for Water Demand Pattern Profiling of Large-Size Smart Water Grid Data. <i>Water Resources Management</i> , 2018, 32, 3671-3685.	3.9	26
15	Hydraulic Design of a USBR Type II Stilling Basin. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2017, 143, .	1.0	33
16	Sensitivity Analysis and Calibration of a Rainfall-Runoff Model with the Combined Use of EPA-SWMM and Genetic Algorithm. <i>Acta Geophysica</i> , 2016, 64, 1755-1778.	2.0	25
17	Multivariate probability distribution for sewer system vulnerability assessment under data-limited conditions. <i>Water Science and Technology</i> , 2016, 73, 751-760.	2.5	16
18	Optimization of Osmotic Desalination Plants for Water Supply Networks. <i>Water Resources Management</i> , 2016, 30, 3965-3978.	3.9	16

#	ARTICLE	IF	CITATIONS
19	Transitional and Weir Flow in a Vented Drop Shaft with a Sharp-Edged Intake. Journal of Irrigation and Drainage Engineering - ASCE, 2016, 142, 06016002.	1.0	4
20	Flow regimes in a vertical drop shaft with a sharp-edged intake. Journal of Applied Water Engineering and Research, 2015, 3, 29-34.	1.8	5
21	Combined Effects of Parallel and Series Detention Basins for Flood Peak Reduction. Water Resources Management, 2014, 28, 3193-3205.	3.9	18
22	Novel Diversion Structure for Supercritical Flow. Journal of Hydraulic Engineering, 2013, 139, 84-87.	1.5	2
23	Experimental Analysis of a Vertical Drop Shaft. Water (Switzerland), 2013, 5, 1380-1392.	2.7	10