

Gabriella Balacco

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

33
papers

324
citations

10
h-index

16
g-index

37
ext. papers

407
ext. citations

2.4
avg, IF

3.9
L-index

#	Paper	IF	Citations
33	Land Use Change Impact on Flooding Areas: The Case Study of Cervaro Basin (Italy). <i>Sustainability</i> , 2016 , 8, 996	3.6	54
32	Influence of COVID-19 Spread on Water Drinking Demand: The Case of Puglia Region (Southern Italy). <i>Sustainability</i> , 2020 , 12, 5919	3.6	32
31	Hydraulic Transients Caused by Air Expulsion During Rapid Filling of Undulating Pipelines. <i>Water (Switzerland)</i> , 2016 , 8, 25	3	28
30	Evaluation of Peak Water Demand Factors in Puglia (Southern Italy). <i>Water (Switzerland)</i> , 2017 , 9, 96	3	22
29	Selection, control and techno-economic feasibility of Pumps as Turbines in Water Distribution Networks. <i>Renewable Energy</i> , 2020 , 162, 1292-1306	8.1	22
28	Experimental analysis of air valve behaviour during hydraulic transients. <i>Journal of Applied Water Engineering and Research</i> , 2015 , 3, 3-11	1.2	20
27	Space-time LAI variability in Northern Puglia (Italy) from SPOT VGT data. <i>Environmental Monitoring and Assessment</i> , 2015 , 187, 434	3.1	17
26	Mass transport triggered by heavy rainfall: the role of endorheic basins and epikarst in a regional karst aquifer. <i>Hydrological Processes</i> , 2017 , 31, 394-408	3.3	14
25	The interrill erosion for a sandy loam soil. <i>International Journal of Sediment Research</i> , 2013 , 28, 329-337	3	13
24	Improving the ANN Classification Accuracy of Landsat Data Through Spectral Indices and Linear Transformations (PCA and TCT) Aimed at LU/LC Monitoring of a River Basin. <i>Lecture Notes in Computer Science</i> , 2016 , 420-432	0.9	12
23	Innovative mini-hydro device for the recharge of electric vehicles in urban areas. <i>International Journal of Energy and Environmental Engineering</i> , 2018 , 9, 435-445	4	9
22	An object-based method for mapping ephemeral river areas from WorldView-2 satellite data 2012 ,		7
21	Preliminary assessment of a pump used as turbine in a water distribution network for the recovery of throttling energy 2019 ,		6
20	Drought Index as Indicator of Salinization of the Salento Aquifer (Southern Italy). <i>Water (Switzerland)</i> , 2020 , 12, 1927	3	6
19	Pump as turbine for throttling energy recovery in water distribution networks 2019 ,		6
18	Performance Prediction of a Pump as Turbine: Sensitivity Analysis Based on Artificial Neural Networks and Evolutionary Polynomial Regression. <i>Energies</i> , 2018 , 11, 3497	3.1	6
17	Analysis of a Large Maintenance Journal of the Sewer Networks of Three Apulian Provinces in Southern Italy. <i>Water (Switzerland)</i> , 2020 , 12, 1417	3	5

16	Flood Susceptibility Evaluation on Ephemeral Streams of Southern Italy: A Case Study of Lama Balice. <i>Lecture Notes in Computer Science</i> , 2018 , 334-348	0.9	5
15	Improved air valve design using evolutionary polynomial regression. <i>Water Science and Technology: Water Supply</i> , 2019 , 19, 2036-2043	1.4	4
14	Groundwater Drought Analysis under Data Scarcity: The Case of the Salento Aquifer (Italy). <i>Sustainability</i> , 2022 , 14, 707	3.6	4
13	Investigation of a Flood Event Occurred on Lama Balice, in the Context of Hazard Map Evaluation in Karstic-Ephemeral Streams. <i>Lecture Notes in Computer Science</i> , 2018 , 317-333	0.9	4
12	Numerical analysis of the hydraulic transient in a closed pipe in presence of a bypass valve. <i>ISH Journal of Hydraulic Engineering</i> , 2020 , 26, 237-245	1.5	4
11	A Novel Distributed System of e-Vehicle Charging Stations Based on Pumps as Turbine to Support Sustainable Micromobility. <i>Sustainability</i> , 2021 , 13, 1847	3.6	4
10	Pressure surges during filling of partially empty undulating pipelines. <i>ISH Journal of Hydraulic Engineering</i> , 2018 , 1-9	1.5	4
9	At-Site Assessment of a Regional Design Criterium for Water-Demand Peak Factor Evaluation. <i>Water (Switzerland)</i> , 2019 , 11, 24	3	3
8	Evaluation of Geomorphic Descriptors Thresholds for Flood Prone Areas Detection on Ephemeral Streams in the Metropolitan Area of Bari (Italy). <i>Lecture Notes in Computer Science</i> , 2019 , 239-254	0.9	3
7	Investigation of Peak Water Consumption Variability at Local Scale in Puglia (Southern Italy). <i>Proceedings (mdpi)</i> , 2018 , 2, 674	0.3	3
6	A Hydrometeorological Study of Groundwater Level Changes during the COVID-19 Lockdown Year (Salento Peninsula, Italy). <i>Sustainability</i> , 2022 , 14, 1710	3.6	2
5	Coupled Use of Hydrologic-Hydraulic Model and Geomorphological Descriptors for Flood-Prone Areas Evaluation: A Case Study of Lama Lamasinata. <i>Lecture Notes in Computer Science</i> , 2020 , 607-619	0.9	2
4	Pump as Turbine for the Energy Recovery in a Water Distribution Network: Two Italian (Apulian) Case Studies. <i>Environmental Sciences Proceedings</i> , 2020 , 2, 1	1	2
3	Flood Hazard Assessment of the Fortore River Downstream the Occhito Dam, in Southern Italy. <i>Lecture Notes in Computer Science</i> , 2017 , 201-216	0.9	1
2	Application of short time series analysis for the hydrodynamic characterization of a coastal karst aquifer: the Salento aquifer (Southern Italy). <i>Journal of Hydroinformatics</i> , 2022 , 24, 420-443	2.6	0
1	Notes on the Performances of Morphological Descriptors for the Evaluation of Flood Susceptibility in Apulian Ephemeral Streams. <i>Lecture Notes in Computer Science</i> , 2021 , 78-88	0.9	