

Gabriella Balacco

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/5064819/gabriella-balacco-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Groundwater Drought Analysis under Data Scarcity: The Case of the Salento Aquifer (Italy). <i>Sustainability</i> , 2022 , 14, 707	3.6	4
32	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
31	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
30	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
29	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	
28	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
27	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
26	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
25	Drought Index as Indicator of Salinization of the Salento Aquifer (Southern Italy). <i>Water (Switzerland)</i> , 2020 , 12, 1927	3	6
24	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
23	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
22	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
21	At-Site Assessment of a Regional Design Criterium for Water-Demand Peak Factor Evaluation. <i>Water (Switzerland)</i> , 2019 , 11, 24	3	3
20	Improved air valve design using evolutionary polynomial regression. <i>Water Science and Technology: Water Supply</i> , 2019 , 19, 2036-2043	1.4	4
19	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
18	Preliminary assessment of a pump used as turbine in a water distribution network for the recovery of throttling energy 2019 ,		6
17	Pump as turbine for throttling energy recovery in water distribution networks 2019 ,		6

16	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
15	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
14	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
13	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
12	Investigation of Peak Water Consumption Variability at Local Scale in Puglia (Southern Italy). <i>Proceedings (mdpi)</i> , 2018 , 2, 674	0.3	3
11	Pressure surges during filling of partially empty undulating pipelines. <i>ISH Journal of Hydraulic Engineering</i> , 2018 , 1-9	1.5	4
10	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
9	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
8	Evaluation of Peak Water Demand Factors in Puglia (Southern Italy). <i>Water (Switzerland)</i> , 2017 , 9, 96	3	22
7	Hydraulic Transients Caused by Air Expulsion During Rapid Filling of Undulating Pipelines. <i>Water (Switzerland)</i> , 2016 , 8, 25	3	28
6	Land Use Change Impact on Flooding Areas: The Case Study of Cervaro Basin (Italy). <i>Sustainability</i> , 2016 , 8, 996	3.6	54
5	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
4	Space-time LAI variability in Northern Puglia (Italy) from SPOT VGT data. <i>Environmental Monitoring and Assessment</i> , 2015 , 187, 434	3.1	17
3	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
2	The interrill erosion for a sandy loam soil. <i>International Journal of Sediment Research</i> , 2013 , 28, 329-337	3	13
1	An object-based method for mapping ephemeral river areas from WorldView-2 satellite data 2012 ,		7