Ciro Apollonio

List of Publications by Year
in descending order

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28 papers	661 citations	623699 14 h-index	580810 25 g-index
37 all docs	37 docs citations	37 times ranked	762 citing authors

#	Article	IF	Citations
1	Land Use Change Impact on Flooding Areas: The Case Study of Cervaro Basin (Italy). Sustainability, 2016, 8, 996.	3.2	79
2	UAV-DEMs for Small-Scale Flood Hazard Mapping. Water (Switzerland), 2020, 12, 1717.	2.7	73
3	Continuous hydrologic modelling for design simulation in small and ungauged basins: A step forward and some tests for its practical use. Journal of Hydrology, 2021, 595, 125664.	5.4	55
4	Bayesian Belief Network to support conflict analysis for groundwater protection: The case of the Apulia region. Journal of Environmental Management, 2013, 115, 136-146.	7.8	53
5	UAV and Airborne LiDAR Data for Interpreting Kinematic Evolution of Landslide Movements: The Case Study of the Montescaglioso Landslide (Southern Italy). Geosciences (Switzerland), 2019, 9, 248.	2.2	53
6	An integrated modelling tool to evaluate the acceptability of irrigation constraint measures for groundwater protection. Environmental Modelling and Software, 2013, 46, 90-103.	4.5	39
7	Hydraulic Transients Caused by Air Expulsion During Rapid Filling of Undulating Pipelines. Water (Switzerland), 2016, 8, 25.	2.7	37
8	Flood Risk Evaluation in Ungauged Coastal Areas: The Case Study of Ippocampo (Southern Italy). Water (Switzerland), 2020, 12, 1466.	2.7	32
9	Evaluating acceptability of groundwater protection measures under different agricultural policies. Agricultural Water Management, 2015, 147, 54-66.	5.6	29
10	Economic Risk Evaluation in Urban Flooding and Instability-Prone Areas: The Case Study of San Giovanni Rotondo (Southern Italy). Geosciences (Switzerland), 2018, 8, 112.	2.2	26
11	Experimental analysis of air valve behaviour during hydraulic transients. Journal of Applied Water Engineering and Research, 2015, 3, 3-11.	1.8	25
12	Creep functions for transients in HDPE pipes. Urban Water Journal, 2014, 11, 160-166.	2.1	23
13	Hillslope Erosion Mitigation: An Experimental Proof of a Nature-Based Solution. Sustainability, 2021, 13, 6058.	3.2	23
14	Low-cost stage-camera system for continuous water-level monitoring in ephemeral streams. Hydrological Sciences Journal, 2022, 67, 1439-1448.	2.6	18
15	Water management problems in a karst flood-prone endorheic basin. Environmental Earth Sciences, 2018, 77, 1.	2.7	16
16	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. Lecture Notes in Computer Science, 2016, , 420-432.	1.3	13
17	Sustainable bio-hydrothermal sequencing treatment for asbestos-cement wastes. Journal of Hazardous Materials, 2019, 364, 256-263.	12.4	12
18	An innovative monitoring system for sustainable management of groundwater resources: Objectives, stakeholder acceptability and implementation strategy. , 2010, , .		10

#	Article	IF	Citations
19	Estimation of Peak Discharges under Different Rainfall Depthâ€“Durationâ€“Frequency Formulations. Hydrology, 2021, 8, 150.	3.0	8
20	The Benefit of Continuous Hydrological Modelling for Drought Hazard Assessment in Small and Coastal Ungauged Basins: A Case Study in Southern Italy. Climate, 2022, 10, 34.	2.8	7
21	Comparative Evaluation of the Rainfall Erosivity in the Rieti Province, Central Italy, Using Empirical Formulas and a Stochastic Rainfall Generator. Hydrology, 2021, 8, 171.	3.0	6
22	Pressure surges during filling of partially empty undulating pipelines. ISH Journal of Hydraulic Engineering, 2021, 27, 244-252.	2.1	4
23	Blue-Green Roofs: Hydrological Evaluation of a Case Study in Viterbo, Central Italy. Lecture Notes in Civil Engineering, 2021, , 3-13.	0.4	4
24	Effects of Land Use-Land Cover Thematic Resolution on Environmental Evaluations. Remote Sensing, 2021, 13, 1232.	4.0	4
25	Preventive Approach to Reduce Risk Caused by Failure of a Rainwater Drainage System: The Case Study of Corato (Southern Italy). Lecture Notes in Computer Science, 2017, , 246-260.	1.3	3
26	Riparian vegetation as a marker for bankfull and management discharge evaluation: The case study of Rio Torbido river basin (central Italy). Journal of Agricultural Engineering, 2021, 52, .	1.5	3
27	The Use of Lamination Basins for Mitigation of the Urban Flooding Risk: The Case Study of Peschici. Lecture Notes in Civil Engineering, 2021, , 491-500.	0.4	2
28	Flood Hazard Assessment of the Fortore River Downstream the Occhito Dam, in Southern Italy. Lecture Notes in Computer Science, 2017, , 201-216.	1.3	1