Lorena Liuzzo

List of Publications by Citations

22 papers	408 citations	13 h-index	20 g-index
24 ext. papers	489 ext. citations	3 avg, IF	4.18 L-index

#	Paper	IF	Citations
22	Basin-Scale Water Resources Assessment in Oklahoma under Synthetic Climate Change Scenarios Using a Fully Distributed Hydrologic Model. *Journal of Hydrologic Engineering - ASCE*, **2010**, 15, 107-122	1.8	49
21	Modifications in Water Resources Availability Under Climate Changes: A Case Study in a Sicilian Basin. *Water Resources Management*, **2015**, 29, 1117-1135	3.7	41
20	Effectiveness of Rainwater Harvesting Systems for Flood Reduction in Residential Urban Areas. *Water (Switzerland)*, **2019**, 11, 1389	3	39
19	Analysis of spatial and temporal rainfall trends in Sicily during the 1921–2012 period. *Theoretical and Applied Climatology*, **2016**, 126, 113-129	3	37
18	A Reliability Analysis of a Rainfall Harvesting System in Southern Italy. *Water (Switzerland)*, **2016**, 8, 18	3	37
17	Spatial distribution of temperature trends in Sicily. *International Journal of Climatology*, **2014**, 34, 1-17	3.5	35
16	Uncertainty Analysis in the Evaluation of Extreme Rainfall Trends and Its Implications on Urban Drainage System Design. *Water (Switzerland)*, **2015**, 7, 6931-6945	3	27
15	Comparison between Different Distributed Methods for Flood Susceptibility Mapping. *Water Resources Management*, **2019**, 33, 3155-3173	3.7	24
14	Wind speed and temperature trends impacts on reference evapotranspiration in Southern Italy. *Theoretical and Applied Climatology*, **2016**, 123, 43-62	3	23
13	Reliability Analysis of Rainwater Harvesting Systems in Southern Italy. *Procedia Engineering*, **2016**, 162, 373-380		20
12	Analysis of Extreme Rainfall Trends in Sicily for the Evaluation of Depth-Duration-Frequency Curves in Climate Change Scenarios. *Journal of Hydrologic Engineering - ASCE*, **2015**, 20, 04015036	1.8	19
11	Understanding the effects of soil data quality on SWAT model performance and hydrological processes in Tamedroust watershed (Morocco). *Journal of African Earth Sciences*, **2019**, 160, 103616	2.2	13
10	Long-term temperature changes in Sicily, Southern Italy. *Atmospheric Research*, **2017**, 198, 44-55	5.4	13
9	Identification of Potential Locations for Run-of-River Hydropower Plants Using a GIS-Based Procedure. *Energies*, **2019**, 12, 3446	3.1	10
8	Evaluation of the optimal size of a rainwater harvesting system in Sicily. *Journal of Hydroinformatics* , **2017**, 19, 853-864	2.6	7
7	Impact of land use on water resources via a Gaussian process emulator with dimension reduction. *Journal of Hydroinformatics*, **2019**, 21, 411-426	2.6	5
6	Uncertainty related to climate change in the assessment of the DDF curve parameters. *Environmental Modelling and Software*, **2017**, 96, 1-13	5.2	4

List of Publications

5	Quantifying the Uncertainty Related to Climate Change in the Assessment of Urban Flooding: A Case Study. *Water (Switzerland)*, **2019**, 11, 2072	3	2
4	Parameterization of a Bayesian Normalized Difference Water Index for Surface Water Detection. *Geosciences (Switzerland)*, **2020**, 10, 260	2.7	2
3	A BMA Analysis to Assess the Urbanization and Climate Change Impact on Urban Watershed Runoff. *Procedia Engineering*, **2016**, 154, 868-876		1
2	Closure to "Analysis of Extreme Rainfall Trends in Sicily for the Evaluation of Depth-Duration-Frequency Curves in Climate Change Scenarios" by Lorena Liuzzo and Gabriele Freni. *Journal of Hydrologic Engineering - ASCE*, **2016**, 21, 07016006	1.8	
1	Uncertainty Analysis in the Evaluation of the DDF Curves Parameters in Climate Change Scenarios. *Procedia Engineering*, **2016**, 154, 670-678		