

# Maria Cristina Morani

## 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.

11  
papers

68  
citations

5  
h-index

8  
g-index

11  
ext. papers

108  
ext. citations

2.5  
avg, IF

2.69  
L-index

#	Paper	IF	Citations
11	A Comparison of Energy Recovery by PATs against Direct Variable Speed Pumping in Water Distribution Networks. <i>Fluids</i> , <b>2018</b> , 3, 41	1.6	17
10	Optimal Pump Scheduling for Urban Drainage under Variable Flow Conditions. <i>Resources</i> , <b>2018</b> , 7, 73	3.7	11
9	Wastewater Pump Control under Mechanical Wear. <i>Water (Switzerland)</i> , <b>2019</b> , 11, 1210	3	10
8	A new mixed integer non-linear programming model for optimal PAT and PRV location in water distribution networks. <i>Urban Water Journal</i> , <b>2021</b> , 18, 394-409	2.3	10
7	Energy Transfer from the Freshwater to the Wastewater Network Using a PAT-Equipped Turbopump. <i>Water (Switzerland)</i> , <b>2020</b> , 12, 38	3	7
6	New Challenges towards Smart Systems Efficiency by Digital Twin in Water Distribution Networks. <i>Water (Switzerland)</i> , <b>2022</b> , 14, 1304	3	4
5	A New Preliminary Model to Optimize PATs Location in a Water Distribution Network. <i>Environmental Sciences Proceedings</i> , <b>2020</b> , 2, 57	1	3
4	Pressure Drop and Energy Recovery with a New Centrifugal Micro-Turbine: Fundamentals and Application in a Real WDN. <i>Energies</i> , <b>2022</b> , 15, 1528	3.1	3
3	Potential Energy, Economic, and Environmental Impacts of Hydro Power Pressure Reduction on the Water-Energy-Food Nexus. <i>Journal of Water Resources Planning and Management - ASCE</i> , <b>2022</b> , 148,	2.8	2
2	A New Low-Cost Technology Based on Pump as Turbines for Energy Recovery in Peripheral Water Networks Branches. <i>Water (Switzerland)</i> , <b>2022</b> , 14, 1526	3	1
1	Rheological Characterization of Non-Newtonian Mixtures by Pressure Pipe Tests. <i>Fluids</i> , <b>2021</b> , 6, 419	1.6	0