

Maria Cristina Morani

List of Publications by Year in Descending Order

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