

# Giovanni De Marinis

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/7246324/giovanni-de-marinis-publications-by-citations.pdf>

**Version:** 2024-04-27

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.

34  
papers

616  
citations

15  
h-index

24  
g-index

35  
ext. papers

764  
ext. citations

2.6  
avg, IF

4.59  
L-index

#	Paper	IF	Citations
34	Support Vector Regression for Rainfall-Runoff Modeling in Urban Drainage: A Comparison with the EPA's Storm Water Management Model. <i>Water (Switzerland)</i> , <b>2016</b> , 8, 69	3	87
33	Machine Learning Algorithms for the Forecasting of Wastewater Quality Indicators. <i>Water (Switzerland)</i> , <b>2017</b> , 9, 105	3	85
32	Battle of the Water Networks II. <i>Journal of Water Resources Planning and Management - ASCE</i> , <b>2014</b> , 140, 04014009	2.8	67
31	Hydraulic Transients in Viscoelastic Branched Pipelines. <i>Journal of Hydraulic Engineering</i> , <b>2015</b> , 141, 04015016	3.16	32
30	Artificial intelligence based approaches to evaluate actual evapotranspiration in wetlands. <i>Science of the Total Environment</i> , <b>2020</b> , 703, 135653	10.2	31
29	Machine learning methods for wastewater hydraulics. <i>Flow Measurement and Instrumentation</i> , <b>2017</b> , 57, 1-9	2.2	28
28	Air-water flows in circular drop manholes. <i>Urban Water Journal</i> , <b>2015</b> , 12, 477-487	2.3	28
27	Probabilistic Models for the Peak Residential Water Demand. <i>Water (Switzerland)</i> , <b>2017</b> , 9, 417	3	25
26	Flow-improving elements in circular drop manholes. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , <b>2014</b> , 52, 347-355	1.9	22
25	Machine Learning Models for Spring Discharge Forecasting. <i>Geofluids</i> , <b>2018</b> , 2018, 1-13	1.5	22
24	A stochastic approach for the water demand of residential end users. <i>Urban Water Journal</i> , <b>2016</b> , 13, 569-582	2.3	20
23	Novel Approach for Side Weirs in Supercritical Flow. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2013</b> , 139, 672-679	1.1	19
22	Illicit intrusion characterization in sewer systems. <i>Urban Water Journal</i> , <b>2017</b> , 14, 416-426	2.3	18
21	Optimal energy recovery by means of pumps as turbines (PATs) for improved WDS management. <i>Water Science and Technology: Water Supply</i> , <b>2018</b> , 18, 1365-1374	1.4	15
20	Tide Prediction in the Venice Lagoon Using Nonlinear Autoregressive Exogenous (NARX) Neural Network. <i>Water (Switzerland)</i> , <b>2021</b> , 13, 1173	3	15
19	Assessing measurement uncertainty on trihalomethanes prediction through kinetic models in water supply systems <b>2015</b> , 64, 516-528		12
18	Forecasting of Extreme Storm Tide Events Using NARX Neural Network-Based Models. <i>Atmosphere</i> , <b>2021</b> , 12, 512	2.7	12

17	Equivalent Discharge Coefficient of Side Weirs in Circular Channel by a Lazy Machine Learning Approach. <i>Water (Switzerland)</i> , <b>2019</b> , 11, 2406	3	12
16	Prediction of spring flows using nonlinear autoregressive exogenous (NARX) neural network models. <i>Environmental Monitoring and Assessment</i> , <b>2021</b> , 193, 350	3.1	11
15	Deformation of Air Bubbles Near a Plunging Jet Using a Machine Learning Approach. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 3879	2.6	9
14	Two-Phase PIV-LIF Measurements in a Submerged Bubbly Water Jet. <i>Journal of Hydraulic Engineering</i> , <b>2019</b> , 145, 04019030	1.8	9
13	Multiobjective Valve Management Optimization Formulations for Water Quality Enhancement in Water Distribution Networks. <i>Journal of Water Resources Planning and Management - ASCE</i> , <b>2019</b> , 145, 04019061	2.8	9
12	Robust optimization of valve management to improve water quality in WDNs under demand uncertainty. <i>Urban Water Journal</i> , <b>2018</b> , 15, 943-952	2.3	7
11	Experimental Analysis of the Hydraulic Performance of Wire-Wound Filter Cartridges in Domestic Plants. <i>Water (Switzerland)</i> , <b>2018</b> , 10, 309	3	6
10	Exploring the Use of Operational Interventions in Water Distribution Systems to Reduce the Formation of TTHMs. <i>Procedia Engineering</i> , <b>2017</b> , 186, 475-482		5
9	Water infrastructure protection against intentional attacks: An experience in Italy. <i>Frontiers of Earth Science</i> , <b>2011</b> , 5, 390-399	1.7	3
8	Precipitation Forecasting in Northern Bangladesh Using a Hybrid Machine Learning Model. <i>Sustainability</i> , <b>2022</b> , 14, 2663	3.6	3
7	Experimental Analysis of the Hydraulic Performance of Filtering Cartridges in Drinking Water Networks. <i>Water (Switzerland)</i> , <b>2018</b> , 10, 629	3	2
6	Closure to Hydraulic Transients in Viscoelastic Branched Pipelines by Stefania Evangelista, Angelo Leopardi, Roberto Pignatelli, and Giovanni de Marinis. <i>Journal of Hydraulic Engineering</i> , <b>2016</b> , 142, 07016006	1.8	1
5	Generation of Water Demand Time Series through Spline Curves. <i>Journal of Water Resources Planning and Management - ASCE</i> , <b>2020</b> , 146, 04020080	2.8	1
4	Microplastics in Combined Sewer Overflows: An Experimental Study. <i>Journal of Marine Science and Engineering</i> , <b>2021</b> , 9, 1415	2.4	0
3	River flow rate prediction in the Des Moines watershed (Iowa, USA): a machine learning approach. <i>Stochastic Environmental Research and Risk Assessment</i> , 1	3.5	0
2	Erratum for Hydraulic Transients in Viscoelastic Branched Pipelines by Stefania Evangelista, Angelo Leopardi, Roberto Pignatelli, and Giovanni de Marinis. <i>Journal of Hydraulic Engineering</i> , <b>2016</b> , 142, 08216004	1.8	
1	Closure to Novel Approach for Side Weirs in Supercritical Flow by Francesco Granata, Giovanni de Marinis, Rudy Gargano, and Carla Tricarico. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2014</b> , 140, 07014026	1.1	