

Michele Turco

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

496
citations

686830

13
h-index

752256

20
g-index

22
all docs

22
docs citations

22
times ranked

512
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrological Effectiveness of an Extensive Green Roof in Mediterranean Climate. Water (Switzerland), 2019, 11, 1378.	1.2	66
2	Unsaturated hydraulic behaviour of a permeable pavement: Laboratory investigation and numerical analysis by using the HYDRUS-2D model. Journal of Hydrology, 2017, 554, 780-791.	2.3	59
3	On the use of surrogate-based modeling for the numerical analysis of Low Impact Development techniques. Journal of Hydrology, 2017, 548, 263-277.	2.3	55
4	Management of Urban Waters with Nature-Based Solutions in Circular Cities—Exemplified through Seven Urban Circularity Challenges. Water (Switzerland), 2021, 13, 3334.	1.2	46
5	On the environmental benefits of a permeable pavement: metals potential removal efficiency and Life Cycle Assessment. Urban Water Journal, 2020, 17, 619-627.	1.0	28
6	On the use of global sensitivity analysis for the numerical analysis of permeable pavements. Urban Water Journal, 2018, 15, 269-275.	1.0	26
7	A Cumulative Rainfall Function for Subhourly Design Storm in Mediterranean Urban Areas. Advances in Meteorology, 2015, 2015, 1-10.	0.6	24
8	Development of an Assessment Method for Evaluation of Sustainable Factories. Sustainability, 2020, 12, 1841.	1.6	23
9	On the Use of a Real-Time Control Approach for Urban Stormwater Management. Water (Switzerland), 2020, 12, 2842.	1.2	21
10	Green Wall systems: where do we stand?. IOP Conference Series: Earth and Environmental Science, 2020, 410, 012013.	0.2	21
11	A Comprehensive Approach to Stormwater Management Problems in the Next Generation Drainage Networks. Internet of Things, 2019, , 275-304.	1.3	20
12	Improving the Efficiency of Green Roofs Using Atmospheric Water Harvesting Systems (An Innovative) Tj ETQq0 0 Q rgBT /Overlock 10 T	1.2	20
13	On the LID systems effectiveness for urban stormwater management: case study in Southern Italy. IOP Conference Series: Earth and Environmental Science, 2020, 410, 012012.	0.2	14
14	The Role of HVAC Design and Windows on the Indoor Airflow Pattern and ACH. Sustainability, 2021, 13, 7931.	1.6	14
15	A Novel Idea for Improving the Efficiency of Green Walls in Urban Environment (an Innovative Design) Tj ETQq1 1 0,784314 rgBT /Overlock 10 T	1.2	13
16	CFD Investigation of Vehicle's Ventilation Systems and Analysis of ACH in Typical Airplanes, Cars, and Buses. Sustainability, 2021, 13, 6799.	1.6	13
17	New Mathematical Optimization Approaches for LID Systems. Lecture Notes in Computer Science, 2020, , 583-595.	1.0	12
18	MODELLING THE HYDRAULIC BEHAVIOUR OF PERMEABLE PAVEMENTS THROUGH A RESERVOIR ELEMENT MODEL. , 2018, , .		10

#	ARTICLE	IF	CITATIONS
19	Minimum Inter-Event Time to Identify Independent Rainfall Events in Urban Catchment Scale. Advanced Materials Research, 2014, 1073-1076, 1630-1633.	0.3	4
20	Solids Removal Efficiency of a Sedimentation Tank in a Peri-Urban Catchment. Sustainability, 2020, 12, 7196.	1.6	4
21	MODELLING THE HYDRAULIC BEHAVIOUR OF GREEN ROOFS THROUGH A SEMI-CONCEPTUAL RESERVOIR ELEMENT MODEL. , 2018, , .		1