

Luca Locatelli

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

486
citations

840776

11
h-index

888059

17
g-index

21
all docs

21
docs citations

21
times ranked

680
citing authors

#	ARTICLE	IF	CITATIONS
1	Modelling of green roof hydrological performance for urban drainage applications. Journal of Hydrology, 2014, 519, 3237-3248.	5.4	120
2	Hydrologic impact of urbanization with extensive stormwater infiltration. Journal of Hydrology, 2017, 544, 524-537.	5.4	100
3	Determining the extent of groundwater interference on the performance of infiltration trenches. Journal of Hydrology, 2015, 529, 1360-1372.	5.4	40
4	A simple contaminant fate and transport modelling tool for management and risk assessment of groundwater pollution from contaminated sites. Journal of Contaminant Hydrology, 2019, 221, 35-49.	3.3	36
5	Flood Risk Assessment in an Underground Railway System under the Impact of Climate Change – A Case Study of the Barcelona Metro. Sustainability, 2020, 12, 5291.	3.2	34
6	Socio-Economic Assessment of Green Infrastructure for Climate Change Adaptation in the Context of Urban Drainage Planning. Sustainability, 2020, 12, 3792.	3.2	33
7	Factors affecting the hydraulic performance of infiltration based SUDS in clay. Urban Water Journal, 2017, 14, 125-133.	2.1	20
8	Socio-Economic Potential Impacts Due to Urban Pluvial Floods in Badalona (Spain) in a Context of Climate Change. Water (Switzerland), 2019, 11, 2658.	2.7	20
9	Modelling the impact of retention – detention units on sewer surcharge and peak and annual runoff reduction. Water Science and Technology, 2015, 71, 898-903.	2.5	16
10	Assessment of Urban Flood Resilience in Barcelona for Current and Future Scenarios. The RESCCUE Project. Sustainability, 2020, 12, 5638.	3.2	14
11	Modeling of <i>E. coli</i> distribution for hazard assessment of bathing waters affected by combined sewer overflows. Natural Hazards and Earth System Sciences, 2020, 20, 1219-1232.	3.6	14
12	Adaptation Tipping Points of a Wetland under a Drying Climate. Water (Switzerland), 2018, 10, 234.	2.7	10
13	A novel expert opinion-based approach to compute estimations of flood damage to property in dense urban environments. Barcelona case study. Journal of Hydrology, 2021, 598, 126244.	5.4	10
14	A systematic model identification method for chemical transformation pathways – the case of heroin biomarkers in wastewater. Scientific Reports, 2017, 7, 9390.	3.3	7
15	Methodology to Prioritize Climate Adaptation Measures in Urban Areas. Barcelona and Bristol Case Studies. Sustainability, 2020, 12, 4807.	3.2	7
16	Selecting and analysing climate change adaptation measures at six research sites across Europe. Natural Hazards and Earth System Sciences, 2021, 21, 2145-2161.	3.6	2
17	Assessment of Human Stability in Sewer Systems during Dry Weather Conditions. Water (Switzerland), 2021, 13, 2954.	2.7	0