

# Anna Palla

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7520049/publications.pdf>

Version: 2024-02-01

26  
papers

1,492  
citations

566801

15  
h-index

642321

23  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1480  
citing authors

#	ARTICLE	IF	CITATIONS
1	Green roof energy and water related performance in the Mediterranean climate. Building and Environment, 2010, 45, 1890-1904.	3.0	286
2	Hydrologic modeling of Low Impact Development systems at the urban catchment scale. Journal of Hydrology, 2015, 528, 361-368.	2.3	285
3	Unsaturated 2D modelling of subsurface water flow in the coarse-grained porous matrix of a green roof. Journal of Hydrology, 2009, 379, 193-204.	2.3	120
4	Non-dimensional design parameters and performance assessment of rainwater harvesting systems. Journal of Hydrology, 2011, 401, 65-76.	2.3	107
5	The impact of domestic rainwater harvesting systems in storm water runoff mitigation at the urban block scale. Journal of Environmental Management, 2017, 191, 297-305.	3.8	100
6	Performance analysis of domestic rainwater harvesting systems under various European climate zones. Resources, Conservation and Recycling, 2012, 62, 71-80.	5.3	89
7	Hydrologic Restoration in the Urban Environment Using Green Roofs. Water (Switzerland), 2010, 2, 140-154.	1.2	88
8	Compared performance of a conceptual and a mechanistic hydrologic models of a green roof. Hydrological Processes, 2012, 26, 73-84.	1.1	85
9	Pluvial flooding in urban areas: the role of surface drainage efficiency. Journal of Flood Risk Management, 2018, 11, .	1.6	55
10	Storm water infiltration in a monitored green roof for hydrologic restoration. Water Science and Technology, 2011, 64, 766-773.	1.2	50
11	The Role of Green Roofs as a Source/sink of Pollutants in Storm Water Outflows. Water Resources Management, 2013, 27, 4715-4730.	1.9	41
12	Designing domestic rainwater harvesting systems under different climatic regimes in Italy. Water Science and Technology, 2013, 67, 2511-2518.	1.2	41
13	Assessing the socio-economic impacts of green/blue space, urban residential and road infrastructure projects in the Confluence (Lyon): a hedonic pricing simulation approach. Journal of Environmental Planning and Management, 2017, 60, 482-499.	2.4	33
14	Influence of stratigraphy and slope on the drainage capacity of permeable pavements: laboratory results. Urban Water Journal, 2015, 12, 394-403.	1.0	19
15	Assessing the Hydrologic Performance of a Green Roof Retrofitting Scenario for a Small Urban Catchment. Water (Switzerland), 2018, 10, 1052.	1.2	18
16	A green roof experimental site in the Mediterranean climate: the storm water quality issue. Water Science and Technology, 2013, 68, 1419-1424.	1.2	11
17	Partitioning of zinc, copper and lead in urban drainage from paved source area catchments. Journal of Hydrology, 2019, 578, 124128.	2.3	11
18	A continuous simulation approach to quantify the climate condition effect on the hydrologic performance of green roofs. Urban Water Journal, 2020, 17, 609-618.	1.0	11

#	ARTICLE	IF	CITATIONS
19	An Integrated GIS Approach to Assess the Mini Hydropower Potential. <i>Water Resources Management</i> , 2016, 30, 2979-2996.	1.9	9
20	Dimensions of shrinkage: Evaluating the socio-economic consequences of population decline in two medium-sized cities in Europe, using the SULD decision support tool. <i>Environment and Planning B: Urban Analytics and City Science</i> , 2017, 44, 1122-1144.	1.0	9
21	The laboratory calibration of a soil moisture capacitance probe in sandy soils. <i>Soil and Water Research</i> , 2020, 15, 75-84.	0.7	8
22	The Web-GIS TRIG Eau Platform to Assess Urban Flood Mitigation by Domestic Rainwater Harvesting Systems in Two Residential Settlements in Italy. <i>Sustainability</i> , 2021, 13, 7241.	1.6	7
23	A dimensionless approach for the runoff peak assessment: effects of the rainfall event structure. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 943-956.	1.9	6
24	Green Roofs to Improve Water Management. , 2018, , 203-213.		3
25	Partitioning of Metals in Urban Drainage from Paved Source Area Catchments. <i>Green Energy and Technology</i> , 2019, , 899-904.	0.4	0
26	Enhancing the Retention Performance of a Small Urban Catchment by Green Roofs. <i>Green Energy and Technology</i> , 2019, , 58-62.	0.4	0