

# GÃ¼nther Leonhardt

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7356469/publications.pdf>

Version: 2024-02-01

20  
papers

351  
citations

759055

12  
h-index

839398

18  
g-index

21  
all docs

21  
docs citations

21  
times ranked

427  
citing authors

#	ARTICLE	IF	CITATIONS
1	Next generation swale design for stormwater runoff treatment: A comprehensive approach. Journal of Environmental Management, 2021, 279, 111756.	3.8	38
2	Metal enrichment of soils in three urban drainage grass swales used for seasonal snow storage. Science of the Total Environment, 2021, 760, 144136.	3.9	14
3	Reducing uncertainties in urban drainage models by explicitly accounting for timing errors in objective functions. Urban Water Journal, 2021, 18, 740-749.	1.0	3
4	Performance comparison of green roof hydrological models for full-scale field sites. Journal of Hydrology X, 2021, 12, 100093.	0.8	2
5	Event selection and two-stage approach for calibrating models of green urban drainage systems. Hydrology and Earth System Sciences, 2020, 24, 869-885.	1.9	16
6	Urban drainage models for green areas: Structural differences and their effects on simulated runoff. Journal of Hydrology X, 2019, 5, 100044.	0.8	9
7	Processes improving urban stormwater quality in grass swales and filter strips: A review of research findings. Science of the Total Environment, 2019, 669, 431-447.	3.9	64
8	The effects of initial soil moisture conditions on swale flow hydrographs. Hydrological Processes, 2018, 32, 644-654.	1.1	22
9	Modeling Urban Runoff from Rain-on-Snow Events with the U.S. EPA SWMM Model for Current and Future Climate Scenarios. Journal of Cold Regions Engineering - ASCE, 2018, 32, .	0.5	16
10	High-resolution modelling of the grass swale response to runoff inflows with Mike SHE. Journal of Hydrology, 2018, 562, 411-422.	2.3	38
11	Info-Gap robustness pathway method for transitioning of urban drainage systems under deep uncertainties. Water Science and Technology, 2017, 76, 1272-1281.	1.2	20
12	A Bayesian method for missing rainfall estimation using a conceptual rainfallâ€“runoff model. Hydrological Sciences Journal, 2017, 62, 2456-2468.	1.2	6
13	Designing and implementing a multi-core capable integrated urban drainage modelling Toolkit:Lessons from CityDrain3. Advances in Engineering Software, 2016, 100, 277-289.	1.8	15
14	Source-Based Modeling Of Urban Stormwater Quality Response to the Selected Scenarios Combining Future Changes in Climate and Socio-Economic Factors. Environmental Management, 2016, 58, 223-237.	1.2	23
15	Estimating inflow to a combined sewer overflow structure with storage tank in real time: evaluation of different approaches. Water Science and Technology, 2014, 70, 1143-1151.	1.2	11
16	Comparison of two model based approaches for areal rainfall estimation in urban hydrology. Journal of Hydrology, 2014, 511, 880-890.	2.3	13
17	A software-based sensor for combined sewer overflows. Water Science and Technology, 2012, 66, 1475-1482.	1.2	5
18	Identifiability analysis in conceptual sewer modelling. Water Science and Technology, 2012, 66, 1467-1474.	1.2	3

#	ARTICLE	IF	CITATIONS
19	Analyzing the operational performance of the hydrological models in an alpine flood forecasting system. Journal of Hydrology, 2012, 412-413, 90-100.	2.3	29
20	Flood Forecasting for the River Inn. , 2009, , 35-67.		4