

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	Processes improving urban stormwater quality in grass swales and filter strips: A review of research findings. <i>Science of the Total Environment</i> , 2019, 669, 431-447.	3.9	64
2	High-resolution modelling of the grass swale response to runoff inflows with Mike SHE. <i>Journal of Hydrology</i> , 2018, 562, 411-422.	2.3	38
3	Next generation swale design for stormwater runoff treatment: A comprehensive approach. <i>Journal of Environmental Management</i> , 2021, 279, 111756.	3.8	38
4	Analyzing the operational performance of the hydrological models in an alpine flood forecasting system. <i>Journal of Hydrology</i> , 2012, 412-413, 90-100.	2.3	29
5	Source-Based Modeling Of Urban Stormwater Quality Response to the Selected Scenarios Combining Future Changes in Climate and Socio-Economic Factors. <i>Environmental Management</i> , 2016, 58, 223-237.	1.2	23
6	The effects of initial soil moisture conditions on swale flow hydrographs. <i>Hydrological Processes</i> , 2018, 32, 644-654.	1.1	22
7	Info-Gap robustness pathway method for transitioning of urban drainage systems under deep uncertainties. <i>Water Science and Technology</i> , 2017, 76, 1272-1281.	1.2	20
8	Modeling Urban Runoff from Rain-on-Snow Events with the U.S. EPA SWMM Model for Current and Future Climate Scenarios. <i>Journal of Cold Regions Engineering - ASCE</i> , 2018, 32, .	0.5	16
9	Event selection and two-stage approach for calibrating models of green urban drainage systems. <i>Hydrology and Earth System Sciences</i> , 2020, 24, 869-885.	1.9	16
10	Designing and implementing a multi-core capable integrated urban drainage modelling Toolkit:Lessons from CityDrain3. <i>Advances in Engineering Software</i> , 2016, 100, 277-289.	1.8	15
11	Metal enrichment of soils in three urban drainage grass swales used for seasonal snow storage. <i>Science of the Total Environment</i> , 2021, 760, 144136.	3.9	14
12	Comparison of two model based approaches for areal rainfall estimation in urban hydrology. <i>Journal of Hydrology</i> , 2014, 511, 880-890.	2.3	13
13	Estimating inflow to a combined sewer overflow structure with storage tank in real time: evaluation of different approaches. <i>Water Science and Technology</i> , 2014, 70, 1143-1151.	1.2	11
14	Urban drainage models for green areas: Structural differences and their effects on simulated runoff. <i>Journal of Hydrology X</i> , 2019, 5, 100044.	0.8	9
15	A Bayesian method for missing rainfall estimation using a conceptual rainfall-runoff model. <i>Hydrological Sciences Journal</i> , 2017, 62, 2456-2468.	1.2	6
16	A software-based sensor for combined sewer overflows. <i>Water Science and Technology</i> , 2012, 66, 1475-1482.	1.2	5
17	Flood Forecasting for the River Inn. , 2009, , 35-67.		4
18	Identifiability analysis in conceptual sewer modelling. <i>Water Science and Technology</i> , 2012, 66, 1467-1474.	1.2	3

#	ARTICLE	IF	CITATIONS
19	Reducing uncertainties in urban drainage models by explicitly accounting for timing errors in objective functions. <i>Urban Water Journal</i> , 2021, 18, 740-749.	1.0	3
20	Performance comparison of green roof hydrological models for full-scale field sites. <i>Journal of Hydrology X</i> , 2021, 12, 100093.	0.8	2