

Annelie Hedström

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

542
citations

687363

13
h-index

677142

22
g-index

30
all docs

30
docs citations

30
times ranked

711
citing authors

#	ARTICLE	IF	CITATIONS
1	Contamination of stormwater by wastewater: A review of detection methods. <i>Journal of Environmental Management</i> , 2015, 152, 241-250.	7.8	73
2	Sustainable development and urban stormwater practice. <i>Urban Water Journal</i> , 2014, 11, 185-197.	2.1	58
3	Removal of metals and hydrocarbons from stormwater using coagulation and flocculation. <i>Water Research</i> , 2020, 182, 115919.	11.3	54
4	Making Waves: Collaboration in the time of SARS-CoV-2 - rapid development of an international co-operation and wastewater surveillance database to support public health decision-making. <i>Water Research</i> , 2021, 199, 117167.	11.3	48
5	Impacts and managerial implications for sewer systems due to recent changes to inputs in domestic wastewater – A review. <i>Journal of Environmental Management</i> , 2015, 161, 188-197.	7.8	42
6	Assessing receptivity for change in urban stormwater management and contexts for action. <i>Journal of Environmental Management</i> , 2014, 146, 29-41.	7.8	32
7	Phosphorus reduction in filters for on-site wastewater treatment. <i>Journal of Water Process Engineering</i> , 2018, 22, 210-217.	5.6	31
8	Evaluating the Use of Alternative Normalization Approaches on SARS-CoV-2 Concentrations in Wastewater: Experiences from Two Catchments in Northern Sweden. <i>Environments - MDPI</i> , 2022, 9, 39.	3.3	21
9	Effect of temperature on the performance of laboratory-scale phosphorus-removing filter beds in on-site wastewater treatment. <i>Chemosphere</i> , 2014, 117, 360-366.	8.2	20
10	Longitudinal Dispersion Coefficient: Effects of Particle-Size Distribution. <i>Transport in Porous Media</i> , 2013, 99, 1-16.	2.6	19
11	Spatial heterogeneity assessment of factors affecting sewer pipe blockages and predictions. <i>Water Research</i> , 2021, 194, 116934.	11.3	18
12	Fat, Oil, and Grease Accumulation in Sewer Systems: Comprehensive Survey of Experiences of Scandinavian Municipalities. <i>Journal of Environmental Engineering, ASCE</i> , 2014, 140, .	1.4	17
13	Using Distributed Temperature Sensing (DTS) for Locating and Characterising Infiltration and Inflow into Foul Sewers before, during and after Snowmelt Period. <i>Water (Switzerland)</i> , 2019, 11, 1529.	2.7	13
14	Assessing the sustainability of on-site sanitation systems using multi-criteria analysis. <i>Environmental Science: Water Research and Technology</i> , 2019, 5, 1599-1615.	2.4	12
15	Underground pipelines and railway infrastructure – failure consequences and restrictions. <i>Structure and Infrastructure Engineering</i> , 2020, 16, 412-430.	3.7	11
16	The calculations of dispersion coefficients inside two-dimensional randomly packed beds of circular particles. <i>AIChE Journal</i> , 2013, 59, 1002-1011.	3.6	10
17	A novel freeze protection strategy for shallow buried sewer pipes: temperature modelling and field investigation. <i>Water Science and Technology</i> , 2017, 76, 294-301.	2.5	10
18	Data-driven asset management in urban water pipe networks: a proposed conceptual framework. <i>Journal of Hydroinformatics</i> , 2021, 23, 1014-1029.	2.4	10

#	ARTICLE	IF	CITATIONS
19	Expansion of Sewer, Water and District Heating Networks in Cold Climate Regions: An Integrated Sustainability Assessment. <i>Sustainability</i> , 2018, 10, 3743.	3.2	7
20	Treatment of road runoff by coagulation/flocculation and sedimentation. <i>Water Science and Technology</i> , 2019, 79, 518-525.	2.5	7
21	Discharge of indicator bacteria from on-site wastewater treatment systems. , 0, 91, 365-373.		6
22	Enhancing the Reliability of Laboratory Phosphorus Filter Tests: Effect of Influent Properties and Interpretation of Effluent Parameters. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.	2.4	4
23	Detection of Wastewater Discharges into Stormwater Sewers: Effects of Travel Distance on Parameters. <i>Journal of Environmental Engineering, ASCE</i> , 2016, 142, 04016016.	1.4	4
24	Data supporting the life cycle impact assessment and cost evaluation of technical alternatives for providing water and heating services to a suburban development in Gällivare Sweden. <i>Data in Brief</i> , 2018, 21, 1204-1208.	1.0	3
25	Enhancing stormwater sediment settling at detention pond inlets by a bottom grid structure (BGS). <i>Water Science and Technology</i> , 2020, 81, 274-282.	2.5	3
26	Identifying sources of infiltration and inflow in sanitary sewers in a northern community: comparative assessment of selected methods. <i>Water Science and Technology</i> , 2022, 86, 1-16.	2.5	3
27	Impacts on Rural Wastewater Systems in Subarctic Regions due to Changes in Inputs from Households. <i>Journal of Cold Regions Engineering - ASCE</i> , 2018, 32, .	1.1	2
28	Temperature performance of a heat-traced utilidor for sewer and water pipes in seasonally frozen ground. <i>Tunnelling and Underground Space Technology</i> , 2020, 97, 103261.	6.2	2
29	Synthetic stormwater for laboratory testing of filter materials. <i>Environmental Technology (United Kingdom)</i> 11 0.784314 rgBT ₁ /Overlook	2.2	1
30	Performance of a zeolite filter treating copper roof runoff. <i>Urban Water Journal</i> , 2022, 19, 499-508.	2.1	1