M CÃ©u Almeida

List of Publications by Year
in descending order

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43	605	858243 12	721071 23
papers	citations	h-index	g-index

43	43	43	714
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	At-source domestic wastewater quality. Urban Water, 1999, 1, 49-55.	0.5	160
2	Sewer asset management â€“ state of the art and research needs. Urban Water Journal, 2019, 16, 662-675.	1.0	67
3	Urban water infrastructure asset management â€“ a structured approach in four water utilities. Water Science and Technology, 2012, 66, 2702-2711.	1.2	33
4	Prioritization of rehabilitation interventions for urban water assets using multiple criteria decision-aid methods. Water Science and Technology, 2012, 66, 1007-1014.	1.2	32
5	Modelling in-sewer changes in wastewater quality under aerobic conditions. Water Science and Technology, 1999, 39, 63-71.	1.2	30
6	Methodology for qualitative urban flooding risk assessment. Water Science and Technology, 2013, 68, 829-838.	1.2	26
7	Effects of temperature and dissolved oxygen on hydrolysis of sewer solids. Water Research, 1999, 33, 3119-3126.	5.3	18
8	Household water use: a Portuguese field study. Water Science and Technology: Water Supply, 2007, 7, 193-202.	1.0	18
9	A utility-tailored methodology for integrated asset management of urban water infrastructure. Water Science and Technology: Water Supply, 2013, 13, 1444-1451.	1.0	18
10	Artificial neural networks as a tool in urban storm drainage. Water Science and Technology, 1997, 36, 101.	1.2	13
11	In-sewer biodegradation study at the Costa do Estoril interceptor system. Urban Water, 2000, 2, 327-334.	0.5	13
12	Urban Resilience to Flooding: Triangulation of Methods for Hazard Identification in Urban Areas. Sustainability, 2020, 12, 2227.	1.6	13
13	How to assess the effectiveness of energy management processes in water supply systems. Journal of Water Supply: Research and Technology - AQUA, 2014, 63, 342-349.	0.6	12
14	Multi-criteria Analysis for the Selection of the Best Energy Efficient Option in Urban Water Systems. Procedia Engineering, 2014, 70, 292-301.	1.2	12
15	Moving urban water infrastructure asset management from science into practice. Urban Water Journal, 2016, 13, 133-141.	1.0	11
16	Estimation of costs for monitoring urban water and wastewater networks. Journal of Water Supply: Research and Technology - AQUA, 2019, 68, 87-97.	0.6	10
17	Following a Step by Step Development of a Resilience Action Plan. Sustainability, 2020, 12, 9017.	1.6	10
18	Multi-criteria decision analysis in urban water asset management. Urban Water Journal, 2021, 18, 558-569.	1.0	10

#	Article	IF	Citations
19	Extending the water safety plan concept to the urban water cycle. Water Policy, 2014, 16, 298-322.	0.7	9
20	Approach to develop a climate change resilience assessment framework. H2Open Journal, 2020, 3, 77-88.	0.8	9
21	In-Sewer Wastewater Characterization and Model Parameter Determination Using Respirometry. Water Environment Research, 2002, 74, 295-305.	1.3	7
22	Innovation results of IAM planning in urban water services. Water Science and Technology, 2016, 74, 1518-1526.	1.2	7
23	Sewer asset management planning â€“ implementation of a structured approach in wastewater utilities. Urban Water Journal, 2016, 13, 15-27.	1.0	6
24	Estimating flow data in urban drainage using partial least squares regression. Urban Water Journal, 2017, 14, 467-474.	1.0	6
25	Modelling in-sewer changes in wastewater quality under aerobic conditions. Water Science and Technology, 1999, 39, 63.	1.2	5
26	Water Mixing and Renewal in Circular Cross-Section Storage Tanks as Influenced by Configuration and Operational Conditions. Journal of Hydraulic Engineering, 2021, 147, .	0.7	5
27	Decision support system for the long-term city metabolism planning problem. Water Science and Technology: Water Supply, 2016, 16, 542-550.	1.0	4
28	Performance Assessment System for Energy Efficiency in Wastewater Systems. Water (Switzerland), 2021, 13, 1807.	1.2	4
29	Enhancing hydraulic data reliability in sewers. Water Practice and Technology, 2022, 17, 431-444.	1.0	4
30	Energy Balance in Wastewater Systems with Energy Recovery: A Portuguese Case Study. Infrastructures, 2021, 6, 141.	1.4	4
31	A novel energy balance tailored for wastewater systems. Urban Water Journal, 2022, 19, 441-452.	1.0	4
32	Water, Energy, and Emissions Nexus: Effect of Inflows in Urban Drainage Systems. Water (Switzerland), 2022, 14, 868.	1.2	4
33	Minimization of losses in water supply systems: strategy definition in a Portuguese case study. Desalination and Water Treatment, 2009, 2, 24-29.	1.0	3
34	Numerical modelling of air-water flows in sewer drops. Water Science and Technology, 2017, 76, 642-652.	1.2	3
35	Performance Assessment System to Wastewater Utilities Strategic Planning. Water (Switzerland), 2021, 13, 2489.	1.2	3
36	Impacto de afluÃªncias indevidas no consumo energÃ©tico em instalaÃ§Ãµes elevatÃ³rias em sistemas de drenagem urbana. Ãguas E ResÃduos, 2020, , 29-40.	0.1	3

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37	System Diagnostics Using Flow Data: Quantifying Sources and Opportunities for Performance Improvement. , 2002, , 1.		2
38	Model Based Fault Diagnosis for Performance Control of a Decentralized Wastewater Treatment Plant. Computer Aided Chemical Engineering, 2014, 33, 691-696.	0.3	2
39	Multisector Risk Identification to Assess Resilience to Flooding. Climate, 2021, 9, 73.	1.2	2
40	Rehabilitation of an Industrial Water Main Using Multicriteria Decision Analysis. Water (Switzerland), 2021, 13, 3180.	1.2	2
41	Assessing intermittent saline inflows in urban water systems. Water Science and Technology, 2022, 85, 90-103.	1.2	1
42	Identification of opportunities to improve efficiency by water consumption assessment. Desalination and Water Treatment, 2009, 2, 59-64.	1.0	0
43	Aligning financial and technical procedures for the determination of urban drainage assetsâ€™ current and replacement values. Water Policy, 0, , .	0.7	0