

Daniela Fuchs-Hanusch

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

922
citations

623188

14
h-index

476904

29
g-index

41
all docs

41
docs citations

41
times ranked

1014
citing authors

#	ARTICLE	IF	CITATIONS
1	A bibliometric-based survey on AHP and TOPSIS techniques. <i>Expert Systems With Applications</i> , 2017, 78, 158-181.	4.4	314
2	A framework for water loss management in developing countries under fuzzy environment: Integration of Fuzzy AHP with Fuzzy TOPSIS. <i>Expert Systems With Applications</i> , 2016, 61, 86-105.	4.4	185
3	Efficient Sensor Placement for Leak Localization Considering Uncertainties. <i>Water Resources Management</i> , 2016, 30, 5517-5533.	1.9	45
4	Mapping of climate change research in the Arab world: a bibliometric analysis. <i>Environmental Science and Pollution Research</i> , 2020, 27, 3523-3540.	2.7	33
5	Sensor Placement and Leakage Localization Considering Demand Uncertainties. <i>Procedia Engineering</i> , 2014, 89, 1160-1167.	1.2	27
6	A bibliometric-based evaluation on environmental research in the Arab world. <i>International Journal of Environmental Science and Technology</i> , 2017, 14, 689-706.	1.8	27
7	Benchmarking the scientific output of industrial wastewater research in Arab world by utilizing bibliometric techniques. <i>Environmental Science and Pollution Research</i> , 2016, 23, 10288-10300.	2.7	25
8	Utilizing analytic hierarchy process (AHP) for decision making in water loss management of intermittent water supply systems. <i>Journal of Water Sanitation and Hygiene for Development</i> , 2016, 6, 534-546.	0.7	20
9	Estimates of Arab world research productivity associated with groundwater: a bibliometric analysis. <i>Applied Water Science</i> , 2017, 7, 1255-1272.	2.8	19
10	Cause and effect oriented sewer degradation evaluation to support scheduled inspection planning. <i>Water Science and Technology</i> , 2015, 72, 1176-1183.	1.2	17
11	Assessing the Potential of LPWAN Communication Technologies for Near Real-Time Leak Detection in Water Distribution Systems. <i>Sensors</i> , 2021, 21, 293.	2.1	17
12	OOPNET: An object-oriented EPANET in Python. <i>Procedia Engineering</i> , 2015, 119, 710-718.	1.2	16
13	Analysis of the failure behaviour of drinking water pipelines. <i>Water Science and Technology: Water Supply</i> , 2007, 7, 219-225.	1.0	15
14	Showcasing a Smart Water Network Based on an Experimental Water Distribution System. <i>Procedia Engineering</i> , 2015, 119, 450-457.	1.2	15
15	Estimates of Arab world research productivity associated with desalination: a bibliometric analysis. <i>IDA Journal of Desalination and Water Reuse</i> , 2015, 7, 3-16.	0.4	15
16	PIREM – PIPE REHABILITATION MANAGEMENT DEVELOPING A DECISION SUPPORT SYSTEM FOR REHABILITATION PLANNING OF WATER MAINS. <i>Water Practice and Technology</i> , 2008, 3, .	1.0	13
17	Effect of seasonal climatic variance on water main failure frequencies in moderate climate regions. <i>Water Science and Technology: Water Supply</i> , 2013, 13, 435-446.	1.0	12
18	Comparison of Several Decision-Making Techniques: A Case of Water Losses Management in Developing Countries. <i>International Journal of Information Technology and Decision Making</i> , 2019, 18, 1551-1578.	2.3	11

#	ARTICLE	IF	CITATIONS
19	Failure Propagation for Large-Diameter Transmission Water Mains Using Dynamic Failure Risk Index. , 2012, , .		10
20	Systematic material and crack type specific pipe burst outflow simulations by means of EPANET2. Urban Water Journal, 2016, 13, 108-118.	1.0	10
21	Leakage Localization with Differential Evolution: A Closer Look on Distance Metrics. Procedia Engineering, 2017, 186, 444-451.	1.2	10
22	Adige. , 2017, , .		10
23	Real-world Comparison of Sensor Placement Algorithms for Leakage Localization. Procedia Engineering, 2017, 186, 499-505.	1.2	6
24	Response Surfaces for Water Distribution System Pipe Roughness Calibration. Journal of Water Resources Planning and Management - ASCE, 2022, 148, .	1.3	6
25	Risk and Performance Oriented Sewer Inspection Prioritization. , 2012, , .		5
26	Serious Sensor Placement“Optimal Sensor Placement as a Serious Game. Water (Switzerland), 2020, 12, 68.	1.2	5
27	An Integrated Decision-Making Framework to Appraise Water Losses in Municipal Water Systems. International Journal of Information Technology and Decision Making, 2020, 19, 1293-1326.	2.3	5
28	Estimating Future Peak Water Demand with a Regression Model Considering Climate Indices. Water (Switzerland), 2021, 13, 1912.	1.2	5
29	Impact of Failure Mode, Crack Area, and Pressure on Leakage Outflow. , 2014, , .		4
30	The Impact of Hydraulic Model Calibration on Model-Based Leak Localization Accuracy: Conclusions Drawn from a Real-World Case Study. , 2019, , .		4
31	Pipe Fault Prediction for Water Transmission Mains. Water (Switzerland), 2020, 12, 2861.	1.2	4
32	Experimental Setup to Examine Leakage Outflow in a Scaled Water Distribution Network. Procedia Engineering, 2014, 89, 311-317.	1.2	3
33	Fitness landscapes and distance metrics for model-based leakage localization. , 2016, , .		3
34	Sensor Placement and Leakage Isolation with Differential Evolution. , 2014, , .		2
35	Austrian Activities in Protecting Critical Water Infrastructure. , 2014, , 343-373.		1
36	Analysis of Hydraulic and Combined Sewer Overflow Performance Indicators. , 2012, , .		0

#	ARTICLE	IF	CITATIONS
37	Trinkwasserversorgung. Österreichische Wasser- Und Abfallwirtschaft, 2012, 64, 445-446.	0.3	0