

Daniela Fuchs-Hanusch

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

922
citations

623188

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476904

29
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41
all docs

41
docs citations

41
times ranked

1014
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Response Surfaces for Water Distribution System Pipe Roughness Calibration. Journal of Water Resources Planning and Management - ASCE, 2022, 148, . | 1.3 | 6 |
| 2 | Assessing the Potential of LPWAN Communication Technologies for Near Real-Time Leak Detection in Water Distribution Systems. Sensors, 2021, 21, 293. | 2.1 | 17 |
| 3 | Estimating Future Peak Water Demand with a Regression Model Considering Climate Indices. Water (Switzerland), 2021, 13, 1912. | 1.2 | 5 |
| 4 | Serious Sensor Placement”Optimal Sensor Placement as a Serious Game. Water (Switzerland), 2020, 12, 68. | 1.2 | 5 |
| 5 | Mapping of climate change research in the Arab world: a bibliometric analysis. Environmental Science and Pollution Research, 2020, 27, 3523-3540. | 2.7 | 33 |
| 6 | 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 |
| 7 | Pipe Fault Prediction for Water Transmission Mains. Water (Switzerland), 2020, 12, 2861. | 1.2 | 4 |
| 8 | Comparison of Several Decision-Making Techniques: A Case of Water Losses Management in Developing Countries. International Journal of Information Technology and Decision Making, 2019, 18, 1551-1578. | 2.3 | 11 |
| 9 | The Impact of Hydraulic Model Calibration on Model-Based Leak Localization Accuracy: Conclusions Drawn from a Real-World Case Study. , 2019, , . | | 4 |
| 10 | A bibliometric-based survey on AHP and TOPSIS techniques. Expert Systems With Applications, 2017, 78, 158-181. | 4.4 | 314 |
| 11 | A bibliometric-based evaluation on environmental research in the Arab world. International Journal of Environmental Science and Technology, 2017, 14, 689-706. | 1.8 | 27 |
| 12 | Leakage Localization with Differential Evolution: A Closer Look on Distance Metrics. Procedia Engineering, 2017, 186, 444-451. | 1.2 | 10 |
| 13 | Real-world Comparison of Sensor Placement Algorithms for Leakage Localization. Procedia Engineering, 2017, 186, 499-505. | 1.2 | 6 |
| 14 | Estimates of Arab world research productivity associated with groundwater: a bibliometric analysis. Applied Water Science, 2017, 7, 1255-1272. | 2.8 | 19 |
| 15 | Adige. , 2017, , . | | 10 |
| 16 | Utilizing analytic hierarchy process (AHP) for decision making in water loss management of intermittent water supply systems. Journal of Water Sanitation and Hygiene for Development, 2016, 6, 534-546. | 0.7 | 20 |
| 17 | Fitness landscapes and distance metrics for model-based leakage localization. , 2016, , . | | 3 |
| 18 | Benchmarking the scientific output of industrial wastewater research in Arab world by utilizing bibliometric techniques. Environmental Science and Pollution Research, 2016, 23, 10288-10300. | 2.7 | 25 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | A framework for water loss management in developing countries under fuzzy environment: Integration of Fuzzy AHP with Fuzzy TOPSIS. Expert Systems With Applications, 2016, 61, 86-105. | 4.4 | 185 |
| 20 | Efficient Sensor Placement for Leak Localization Considering Uncertainties. Water Resources Management, 2016, 30, 5517-5533. | 1.9 | 45 |
| 21 | Systematic material and crack type specific pipe burst outflow simulations by means of EPANET2. Urban Water Journal, 2016, 13, 108-118. | 1.0 | 10 |
| 22 | Cause and effect oriented sewer degradation evaluation to support scheduled inspection planning. Water Science and Technology, 2015, 72, 1176-1183. | 1.2 | 17 |
| 23 | Showcasing a Smart Water Network Based on an Experimental Water Distribution System. Procedia Engineering, 2015, 119, 450-457. | 1.2 | 15 |
| 24 | OOPNET: An object-oriented EPANET in Python. Procedia Engineering, 2015, 119, 710-718. | 1.2 | 16 |
| 25 | Estimates of Arab world research productivity associated with desalination: a bibliometric analysis. IDA Journal of Desalination and Water Reuse, 2015, 7, 3-16. | 0.4 | 15 |
| 26 | Sensor Placement and Leakage Isolation with Differential Evolution. , 2014, , . | | 2 |
| 27 | Sensor Placement and Leakage Localization Considering Demand Uncertainties. Procedia Engineering, 2014, 89, 1160-1167. | 1.2 | 27 |
| 28 | Impact of Failure Mode, Crack Area, and Pressure on Leakage Outflow. , 2014, , . | | 4 |
| 29 | Experimental Setup to Examine Leakage Outflow in a Scaled Water Distribution Network. Procedia Engineering, 2014, 89, 311-317. | 1.2 | 3 |
| 30 | Austrian Activities in Protecting Critical Water Infrastructure. , 2014, , 343-373. | | 1 |
| 31 | Effect of seasonal climatic variance on water main failure frequencies in moderate climate regions. Water Science and Technology: Water Supply, 2013, 13, 435-446. | 1.0 | 12 |
| 32 | Analysis of Hydraulic and Combined Sewer Overflow Performance Indicators. , 2012, , . | | 0 |
| 33 | Risk and Performance Oriented Sewer Inspection Prioritization. , 2012, , . | | 5 |
| 34 | Trinkwasserversorgung. Österreichische Wasser- Und Abfallwirtschaft, 2012, 64, 445-446. | 0.3 | 0 |
| 35 | Failure Propagation for Large-Diameter Transmission Water Mains Using Dynamic Failure Risk Index. , 2012, , . | | 10 |
| 36 | PIREM " PIPE REHABILITATION MANAGEMENT DEVELOPING A DECISION SUPPORT SYSTEM FOR REHABILITATION PLANNING OF WATER MAINS. Water Practice and Technology, 2008, 3, . | 1.0 | 13 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Analysis of the failure behaviour of drinking water pipelines. Water Science and Technology: Water Supply, 2007, 7, 219-225. | 1.0 | 15 |