# M CÃ©u Almeida

## List of Publications by Year
in descending order

| 43 papers | 605 citations | 759233 12 h-index | 642732 23 g-index |
|---|---|---|---|
| 43 all docs | 43 docs citations | 43 times ranked | 653 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. | 2.1 | 67 |
| 3 | Urban water infrastructure asset management â€" a structured approach in four water utilities. Water Science and Technology, 2012, 66, 2702-2711. | 2.5 | 33 |
| 4 | Prioritization of rehabilitation interventions for urban water assets using multiple criteria decision-aid methods. Water Science and Technology, 2012, 66, 1007-1014. | 2.5 | 32 |
| 5 | Modelling in-sewer changes in wastewater quality under aerobic conditions. Water Science and Technology, 1999, 39, 63-71. | 2.5 | 30 |
| 6 | Methodology for qualitative urban flooding risk assessment. Water Science and Technology, 2013, 68, 829-838. | 2.5 | 26 |
| 7 | Effects of temperature and dissolved oxygen on hydrolysis of sewer solids. Water Research, 1999, 33, 3119-3126. | 11.3 | 18 |
| 8 | Household water use: a Portuguese field study. Water Science and Technology: Water Supply, 2007, 7, 193-202. | 2.1 | 18 |
| 9 | A utility-tailored methodology for integrated asset management of urban water infrastructure. Water Science and Technology: Water Supply, 2013, 13, 1444-1451. | 2.1 | 18 |
| 10 | Artificial neural networks as a tool in urban storm drainage. Water Science and Technology, 1997, 36, 101. | 2.5 | 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. | 3.2 | 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. | 1.4 | 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. | 2.1 | 11 |
| 16 | Estimation of costs for monitoring urban water and wastewater networks. Journal of Water Supply: Research and Technology - AQUA, 2019, 68, 87-97. | 1.4 | 10 |
| 17 | Following a Step by Step Development of a Resilience Action Plan. Sustainability, 2020, 12, 9017. | 3.2 | 10 |
| 18 | Multi-criteria decision analysis in urban water asset management. Urban Water Journal, 2021, 18, 558-569. | 2.1 | 10 |

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|---|---------|----|-----------|
| 19 | Extending the water safety plan concept to the urban water cycle. Water Policy, 2014, 16, 298-322. | 1.5 | 9 |
| 20 | Approach to develop a climate change resilience assessment framework. H2Open Journal, 2020, 3, 77-88. | 1.7 | 9 |
| 21 | In-Sewer Wastewater Characterization and Model Parameter Determination Using Respirometry. Water Environment Research, 2002, 74, 295-305. | 2.7 | 7 |
| 22 | Innovation results of IAM planning in urban water services. Water Science and Technology, 2016, 74, 1518-1526. | 2.5 | 7 |
| 23 | Sewer asset management planning â€" implementation of a structured approach in wastewater utilities. Urban Water Journal, 2016, 13, 15-27. | 2.1 | 6 |
| 24 | Estimating flow data in urban drainage using partial least squares regression. Urban Water Journal, 2017, 14, 467-474. | 2.1 | 6 |
| 25 | Modelling in-sewer changes in wastewater quality under aerobic conditions. Water Science and Technology, 1999, 39, 63. | 2.5 | 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, . | 1.5 | 5 |
| 27 | Decision support system for the long-term city metabolism planning problem. Water Science and Technology: Water Supply, 2016, 16, 542-550. | 2.1 | 4 |
| 28 | Performance Assessment System for Energy Efficiency in Wastewater Systems. Water (Switzerland), 2021, 13, 1807. | 2.7 | 4 |
| 29 | Enhancing hydraulic data reliability in sewers. Water Practice and Technology, 2022, 17, 431-444. | 2.0 | 4 |
| 30 | Energy Balance in Wastewater Systems with Energy Recovery: A Portuguese Case Study. Infrastructures, 2021, 6, 141. | 2.8 | 4 |
| 31 | A novel energy balance tailored for wastewater systems. Urban Water Journal, 2022, 19, 441-452. | 2.1 | 4 |
| 32 | Water, Energy, and Emissions Nexus: Effect of Inflows in Urban Drainage Systems. Water (Switzerland), 2022, 14, 868. | 2.7 | 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. | 2.5 | 3 |
| 35 | Performance Assessment System to Wastewater Utilities Strategic Planning. Water (Switzerland), 2021, 13, 2489. | 2.7 | 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. | 0.5 | 2 |
| 39 | Multisector Risk Identification to Assess Resilience to Flooding. Climate, 2021, 9, 73. | 2.8 | 2 |
| 40 | Rehabilitation of an Industrial Water Main Using Multicriteria Decision Analysis. Water (Switzerland), 2021, 13, 3180. | 2.7 | 2 |
| 41 | Assessing intermittent saline inflows in urban water systems. Water Science and Technology, 2022, 85, 90-103. | 2.5 | 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, , . | 1.5 | 0 |