Gustavo Meirelles

List of Publications by Year
in descending order

21 papers	287 citations	9 h-index	16 g-index

| 22 all docs | 22 docs citations | 22 times ranked | 286 citing authors |

#	Article	IF	Citations
1	District metered area design through multicriteria and multiobjective optimization. Mathematical Methods in the Applied Sciences, 2022, 45, 3254-3271.	2.3	19
2	Rehabilitation in Intermittent Water Distribution Networks for Optimal Operation. Water (Switzerland), 2022, 14, 88.	2.7	6
3	Energy and Hydraulic Efficiency in Intermittent Operation of Water Distribution Networks. Journal of Water Resources Planning and Management - ASCE, 2022, 148, .	2.6	3
4	Hydraulic Capacity Recovery after Demand Expansion: Complex Network and Preference-Aided Multicriteria Analysis. , 2022, , .		1
5	Cyber-Attack Detection in Water Distribution Systems Based on Blind Sources Separation Technique. Water (Switzerland), 2021, 13, 795.	2.7	10
6	Grand Tour Algorithm: Novel Swarm-Based Optimization for High-Dimensional Problems. Processes, 2020, 8, 980.	2.8	7
7	Pattern Recognition and Clustering of Transient Pressure Signals for Burst Location. Water (Switzerland), 2019, 11, 2279.	2.7	6
8	Social Network Community Detection and Hybrid Optimization for Dividing Water Supply into District Metered Areas. Journal of Water Resources Planning and Management - ASCE, 2018, 144, .	2.6	26
9	Optimal design of water supply networks using an energy recovery approach. Renewable Energy, 2018, 117, 404-413.	8.9	33
10	Trunk Network Rehabilitation for Resilience Improvement and Energy Recovery in Water Distribution Networks. Water (Switzerland), 2018, 10, 693.	2.7	14
11	Selection and location of Pumps as Turbines substituting pressure reducing valves. Renewable Energy, 2017, 109, 392-405.	8.9	66
12	Calibration Model for Water Distribution Network Using Pressures Estimated by Artificial Neural Networks. Water Resources Management, 2017, 31, 4339-4351.	3.9	29
13	Selection of Pumps as Turbines Substituting Pressure Reducing Valves. Procedia Engineering, 2017, 186, 676-683.	1.2	11
14	Social Network Community Detection for DMA Creation: Criteria Analysis through Multilevel Optimization. Mathematical Problems in Engineering, 2017, 2017, 1-12.	1.1	28
15	Correlation Analysis of Water Demand and Predictive Variables for Short-Term Forecasting Models. Mathematical Problems in Engineering, 2017, 2017, 1-10.	1.1	13
16	Thermal effusivity estimation of polymers in time domain. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2011, 33, 393-399.	1.6	6
17	Optimal pressure management in water distribution networks through district metered area creation based on machine learning. Revista Brasileira De Recursos Hidricos, 0, 24, .	0.5	3
18	MÃ‚TODO PARA ANÃ€LISE DE VIABILIDADE TÃ‰CNICA E ECONÃ"NICA DE BOMBAS FUNCIONANDO COMO TURBINAS EM REDES DE DISTRIBUIÃ‡Ã,O DE Ã€GUA. , 0, , .		0

#	Article	IF	Citations
19	DIMENSIONAMENTO ECONÃ"MICO DE REDES DE DISTRIBUIÃ‡ÃƒO DE ÃGUA CONSIDERANDO A MICROGERAÃ‡ÃƒO. , 0, , .		0
20	Optimal pump selection for variable speed operation in water distribution network. Revista Brasileira De Recursos Hidricos, 0, 25, .	0.5	4
21	Optimal architecture for artificial neural networks as pressure estimator. Revista Brasileira De Recursos Hidricos, 0, 26, .	0.5	1