

Faegheh Moazeni

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

433
citations

1162367

8
h-index

1125271

13
g-index

16
all docs

16
docs citations

16
times ranked

510
citing authors

#	ARTICLE	IF	CITATIONS
1	Enzymatic transesterification for biodiesel production from used cooking oil, a review. Journal of Cleaner Production, 2019, 216, 117-128.	4.6	164
2	Optimal operation of water-energy microgrids; a mixed integer linear programming formulation. Journal of Cleaner Production, 2020, 275, 122776.	4.6	59
3	Maximizing energy efficiency of islanded micro water-energy nexus using co-optimization of water demand and energy consumption. Applied Energy, 2020, 266, 114863.	5.1	51
4	Optimal energy management of water-energy networks via optimal placement of pumps-as-turbines and demand response through water storage tanks. Applied Energy, 2021, 283, 116335.	5.1	36
5	Dynamic economic dispatch of islanded water-energy microgrids with smart building thermal energy management system. Applied Energy, 2020, 276, 115422.	5.1	34
6	Step Towards Energy-Water Smart Microgrids; Buildings Thermal Energy and Water Demand Management Embedded in Economic Dispatch. IEEE Transactions on Smart Grid, 2021, 12, 3680-3691.	6.2	26
7	Optimal design and operation of an islanded water-energy network including a combined electro dialysis-reverse osmosis desalination unit. Renewable Energy, 2021, 167, 395-408.	4.3	18
8	Co-optimization of wastewater treatment plants interconnected with smart grids. Applied Energy, 2021, 298, 117150.	5.1	12
9	Sequential false data injection cyberattacks in water distribution systems targeting storage tanks; a bi-level optimization model. Sustainable Cities and Society, 2021, 70, 102895.	5.1	8
10	Detection of false data injection attacks leading to line congestions using Neural networks. Sustainable Cities and Society, 2022, 82, 103861.	5.1	8
11	Formulating false data injection cyberattacks on pumps' flow rate resulting in cascading failures in smart water systems. Sustainable Cities and Society, 2021, 75, 103370.	5.1	6
12	An integrated state-estimation framework for interdependent water and energy systems. Journal of Hydrology, 2020, 590, 125393.	2.3	5
13	Interactive nonlinear multiobjective optimal design of water distribution systems using Pareto navigator technique. Sustainable Cities and Society, 2021, 73, 103110.	5.1	4
14	Small-signal Modeling and Analysis of a Grid-Connected PEM Fuel Cell. , 2019, , .		1
15	Removal of heavy metals from aqueous solutions using carbonised banana and orange peels. Journal of Environmental Engineering and Science, 0, , 1-11.	0.3	1
16	Neural Networks-Based Detection of Cyber-Physical Attacks Leading to Blackouts in Smart Grids. , 2021, , .		0