Mohammed M Olama

List of Publications by Year
in descending order

12 papers	279 citations	1040056 9 h-index	1199594 12 g-index
12 all docs	12 docs citations	12 times ranked	184 citing authors

#	Article	IF	Citations
1	A Scalable and Distributed Algorithm for Managing Residential Demand Response Programs Using Alternating Direction Method of Multipliers (ADMM). IEEE Transactions on Smart Grid, 2020, 11, 4871-4882.	9.0	54
2	Tri-Level Scheduling Model Considering Residential Demand Flexibility of Aggregated HVACs and EVs Under Distribution LMP. IEEE Transactions on Smart Grid, 2021, 12, 3990-4002.	9.0	47
3	Provision for Guaranteed Inertial Response in Diesel-Wind Systems via Model Reference Control. IEEE Transactions on Power Systems, 2018, 33, 6557-6568.	6.5	42
4	Resilience-Oriented DG Siting and Sizing Considering Stochastic Scenario Reduction. IEEE Transactions on Power Systems, 2021, 36, 3715-3727.	6.5	30
5	Model-Based and Data-Driven HVAC Control Strategies for Residential Demand Response. IEEE Open Access Journal of Power and Energy, 2021, 8, 186-197.	3.4	28
6	A Comprehensive Scheduling Framework Using SP-ADMM for Residential Demand Response With Weather and Consumer Uncertainties. IEEE Transactions on Power Systems, 2021, 36, 3004-3016.	6.5	28
7	A Model-Free Voltage Control Approach to Mitigate Motor Stalling and FIDVR for Smart Grids. IEEE Transactions on Smart Grid, 2021, 12, 67-78.	9.0	17
8	Hierarchical Model-Free Transactional Control of Building Loads to Support Grid Services. IEEE Access, 2020, 8, 219367-219377.	4.2	12
9	Mitigation of Motor Stalling and FIDVR via Energy Storage Systems With Signal Temporal Logic. IEEE Transactions on Power Systems, 2021, 36, 1164-1174.	6.5	10
10	Real-Time Automated Hazard Detection Framework for Health Information Technology Systems. Health Systems, 2019, 8, 190-202.	1.2	7
11	Model-Free Dynamic Voltage Control of Distributed Energy Resource (DER)-Based Microgrids. Energies, 2020, 13, 3838.	3.1	3
12	Frequency Analysis of Solar PV Power to Enable Optimal Building Load Control. Energies, 2020, 13, 4593.	3.1	1