

Mohammad Abusara

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

369
citations

1163117

8
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

426
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review of Hybrid Solar PV and Wind Energy System. Smart Science, 2015, 3, 127-138.	3.2	131
2	Control of a Point Absorber Using Reinforcement Learning. IEEE Transactions on Sustainable Energy, 2016, 7, 1681-1690.	8.8	51
3	Supervisory Control for Power Management of an Islanded AC Microgrid Using a Frequency Signalling-Based Fuzzy Logic Controller. IEEE Transactions on Sustainable Energy, 2019, 10, 94-104.	8.8	48
4	Adaptive repetitive control with feedforward scheme for grid-connected inverters. IET Power Electronics, 2015, 8, 1403-1410.	2.1	34
5	Towards Real-Time Reinforcement Learning Control of a Wave Energy Converter. Journal of Marine Science and Engineering, 2020, 8, 845.	2.6	33
6	Control of a Realistic Wave Energy Converter Model Using Least-Squares Policy Iteration. IEEE Transactions on Sustainable Energy, 2017, 8, 1618-1628.	8.8	22
7	Stability Analysis and Control of a Microgrid against Circulating Power between Parallel Inverters. Energy Procedia, 2019, 157, 1061-1070.	1.8	14
8	Smooth mode transfer in AC microgrids during unintentional islanding. Energy Procedia, 2017, 134, 12-20.	1.8	11
9	Reinforcement Learning for Energy-Storage Systems in Grid-Connected Microgrids: An Investigation of Online vs. Offline Implementation. Energies, 2021, 14, 5688.	3.1	8
10	Electric Water Heaters Management via Reinforcement Learning With Time-Delay in Isolated Microgrids. IEEE Access, 2021, 9, 132569-132579.	4.2	6
11	Preference based multi-objective reinforcement learning for multi-microgrid system optimization problem in smart grid. Memetic Computing, 2022, 14, 225-235.	4.0	6
12	A Smart Energy Management System for Battery-Supercapacitor in Electric Vehicles based on the Discrete Wavelet Transform and Deep Learning. , 2020, , .		3
13	Design Optimisation of a Current-Fed Solid-State Transformer for MV Grid-Connected Applications. Energies, 2021, 14, 3283.	3.1	2
14	ADMM-based OPF Problem Against Cyber Attacks in Smart Grid. , 2021, , .		0