

Hamza abunima

List of Publications by Year in descending order

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9
papers

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times ranked

674
citing authors

#	ARTICLE	IF	CITATIONS
1	An intelligent system architecture in home energy management systems (HEMS) for efficient demand response in smart grid. <i>Energy and Buildings</i> , 2017, 138, 154-164.	6.7	201
2	Impacts of Demand-Side Management on Electrical Power Systems: A Review. <i>Energies</i> , 2018, 11, 1050.	3.1	141
3	An overview on prospects of new generation single-phase transformerless inverters for grid-connected photovoltaic (PV) systems. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 82, 515-530.	16.4	44
4	A Systematic Review of Reliability Studies on Composite Power Systems: A Coherent Taxonomy Motivations, Open Challenges, Recommendations, and New Research Directions. <i>Energies</i> , 2018, 11, 2417.	3.1	37
5	Multi-Objective Optimization of Solar/Wind Penetration in Power Generation Systems. <i>IEEE Access</i> , 2019, 7, 169094-169106.	4.2	37
6	Impact of Demand-Side Management on the Reliability of Generation Systems. <i>Energies</i> , 2018, 11, 2155.	3.1	34
7	Reliability Modeling of PV Systems Based on Time-Varying Failure Rates. <i>IEEE Access</i> , 2020, 8, 14367-14376.	4.2	34
8	A New Solar Radiation Model for a Power System Reliability Study. <i>IEEE Access</i> , 2019, 7, 64758-64766.	4.2	27
9	Energy Curtailment Scheduling MILP Formulation for an Islanded Microgrid with High Penetration of Renewable Energy. <i>Energies</i> , 2021, 14, 6038.	3.1	3