

Mohammed Reyasudin Basir Khan

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22

papers

271

citations

6

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32

ext. papers

368

ext. citations

2.3

avg, IF

3.72

L-index

#	Paper	IF	Citations
22	Multi-agent based distributed control architecture for microgrid energy management and optimization. <i>Energy Conversion and Management</i> , 2016 , 112, 288-307	10.6	122
21	Optimal combination of solar, wind, micro-hydro and diesel systems based on actual seasonal load profiles for a resort island in the South China Sea. <i>Energy</i> , 2015 , 82, 80-97	7.9	76
20	Energy Management System in Microgrids: A Comprehensive Review. <i>Sustainability</i> , 2021 , 13, 10492	3.6	10
19	Current Status, Scenario, and Prospective of Renewable Energy in Algeria: A Review. <i>Energies</i> , 2021 , 14, 2354	3.1	9
18	Load frequency control for mini-hydropower system: A new approach based on self-tuning fuzzy proportional-derivative scheme. <i>Sustainable Energy Technologies and Assessments</i> , 2018 , 30, 253-262	4.7	9
17	Optimal Grid-Connected PV System for a Campus Microgrid. <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , 2018 , 12, 899	1.6	7
16	Optimal combinations of PV, wind, micro-hydro and diesel systems for a seasonal load demand 2014 ,		5
15	Feasibility Study of Grid-Connected PV System for Peak Demand Reduction of a Residential Building in Tehran, Iran. <i>Mathematical Modelling of Engineering Problems</i> , 2020 , 7, 563-567	3.5	5
14	Micro-hydropower potential assessment and generation volatility due to seasonal climate 2014 ,		3
13	Energy management system for PV-battery microgrid based on model predictive control. <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , 2019 , 15, 20	1.6	3
12	A novel approach for sizing battery storage system for enhancing resilience ability of a microgrid. <i>International Transactions on Electrical Energy Systems</i> , 2021 , 31, e13142	2.2	3
11	Current Status, Scenario, and Prospective of Renewable Energy in Algeria: A Review		3
10	Energy audit data for a resort island in the South China Sea. <i>Data in Brief</i> , 2016 , 6, 489-91	1.2	2
9	Friction measurement system using load cell for Tribotronic system on Pin-On-Disc (POD) tribometer. <i>IOP Conference Series: Earth and Environmental Science</i> , 2013 , 16, 012114	0.3	2
8	Performance Evaluation of Solar PV Inverter Controls for Overvoltage Mitigation in MV Distribution Networks. <i>Electronics (Switzerland)</i> , 2021 , 10, 1456	2.6	2
7	Data from renewable energy assessments for resort islands in the South China Sea. <i>Data in Brief</i> , 2016 , 6, 117-20	1.2	2
6	Optimal Operation of Stand-Alone Microgrid Considering Emission Issues and Demand Response Program Using Whale Optimization Algorithm. <i>Sustainability</i> , 2021 , 13, 7710	3.6	2

- 5 Optimal plant management system via automated watering and fertilization **2020**, 1
- 4 Micro-Hydro and Pico-Hydro Potential Assessment for Ungauged Sites in the South China Sea Islands. *Applied Mechanics and Materials*, **2015**, 785, 632-636 0.3
- 3 Building automation: Photovoltaic assisted thermal comfort management system for energy saving. *IOP Conference Series: Earth and Environmental Science*, **2013**, 16, 012013 0.3
- 2 Energy efficiency monitoring and economic analysis for energy saving potential in UNITEN. *IOP Conference Series: Earth and Environmental Science*, **2013**, 16, 012012 0.3
- 1 Machine learning algorithms used for short-term PV solar irradiation and temperature forecasting at microgrid **2022**, 1-17