

# Mohammed Reyasudin Basir Khan

## List of Publications by Year in Descending Order

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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  
h-index

16  
g-index

32  
ext. papers

368  
ext. citations

2.3  
avg, IF

3.72  
L-index

#	Paper	IF	Citations
22	Machine learning algorithms used for short-term PV solar irradiation and temperature forecasting at microgrid <b>2022</b> , 1-17		
21	A novel approach for sizing battery storage system for enhancing resilience ability of a microgrid. <i>International Transactions on Electrical Energy Systems</i> , <b>2021</b> , 31, e13142	2.2	3
20	Current Status, Scenario, and Prospective of Renewable Energy in Algeria: A Review. <i>Energies</i> , <b>2021</b> , 14, 2354	3.1	9
19	Performance Evaluation of Solar PV Inverter Controls for Overvoltage Mitigation in MV Distribution Networks. <i>Electronics (Switzerland)</i> , <b>2021</b> , 10, 1456	2.6	2
18	Optimal Operation of Stand-Alone Microgrid Considering Emission Issues and Demand Response Program Using Whale Optimization Algorithm. <i>Sustainability</i> , <b>2021</b> , 13, 7710	3.6	2
17	Energy Management System in Microgrids: A Comprehensive Review. <i>Sustainability</i> , <b>2021</b> , 13, 10492	3.6	10
16	Optimal plant management system via automated watering and fertilization <b>2020</b> ,		1
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> , <b>2020</b> , 7, 563-567	3.5	5
14	Energy management system for PV-battery microgrid based on model predictive control. <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , <b>2019</b> , 15, 20	1.6	3
13	Optimal Grid-Connected PV System for a Campus Microgrid. <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , <b>2018</b> , 12, 899	1.6	7
12	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> , <b>2018</b> , 30, 253-262	4.7	9
11	Multi-agent based distributed control architecture for microgrid energy management and optimization. <i>Energy Conversion and Management</i> , <b>2016</b> , 112, 288-307	10.6	122
10	Energy audit data for a resort island in the South China Sea. <i>Data in Brief</i> , <b>2016</b> , 6, 489-91	1.2	2
9	Data from renewable energy assessments for resort islands in the South China Sea. <i>Data in Brief</i> , <b>2016</b> , 6, 117-20	1.2	2
8	Micro-Hydro and Pico-Hydro Potential Assessment for Ungauged Sites in the South China Sea Islands. <i>Applied Mechanics and Materials</i> , <b>2015</b> , 785, 632-636	0.3	
7	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> , <b>2015</b> , 82, 80-97	7.9	76
6	Micro-hydropower potential assessment and generation volatility due to seasonal climate <b>2014</b> ,		3

5	Optimal combinations of PV, wind, micro-hydro and diesel systems for a seasonal load demand <b>2014,</b>		5
4	Building automation: Photovoltaic assisted thermal comfort management system for energy saving. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2013</b> , 16, 012013	0.3	
3	Energy efficiency monitoring and economic analysis for energy saving potential in UNITEN. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2013</b> , 16, 012012	0.3	
2	Friction measurement system using load cell for Tribotronic system on Pin-On-Disc (POD) tribometer. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2013</b> , 16, 012114	0.3	2
1	Current Status, Scenario, and Prospective of Renewable Energy in Algeria: A Review		3