

Mohammed Reyasudin Basir Khan

List of Publications by Year in descending order

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31
papers

488
citations

1040056

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32
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32
docs citations

32
times ranked

495
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-agent based distributed control architecture for microgrid energy management and optimization. <i>Energy Conversion and Management</i> , 2016, 112, 288-307.	9.2	153
2	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.	8.8	94
3	Energy Management System in Microgrids: A Comprehensive Review. <i>Sustainability</i> , 2021, 13, 10492.	3.2	59
4	Current Status, Scenario, and Prospective of Renewable Energy in Algeria: A Review. <i>Energies</i> , 2021, 14, 2354.	3.1	33
5	Optimal Operation of Stand-Alone Microgrid Considering Emission Issues and Demand Response Program Using Whale Optimization Algorithm. <i>Sustainability</i> , 2021, 13, 7710.	3.2	19
6	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.	2.7	16
7	Optimal Grid-Connected PV System for a Campus Microgrid. <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , 2018, 12, 899.	0.8	16
8	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.	0.8	16
9	Optimal combinations of PV, wind, micro-hydro and diesel systems for a seasonal load demand. , 2014, , .		12
10	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.	0.5	11
11	Blockchain Applications and Challenges in Smart grid. , 2021, , .		10
12	Micro-hydropower potential assessment and generation volatility due to seasonal climate. , 2014, , .		7
13	Performance Evaluation of Solar PV Inverter Controls for Overvoltage Mitigation in MV Distribution Networks. <i>Electronics (Switzerland)</i> , 2021, 10, 1456.	3.1	6
14	Data from renewable energy assessments for resort islands in the South China Sea. <i>Data in Brief</i> , 2016, 6, 117-120.	1.0	5
15	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.	1.9	5
16	<sc>Self-healing</sc> strategy to enhance microgrid resilience during faults occurrence. <i>International Transactions on Electrical Energy Systems</i> , 2021, 31, .	1.9	5
17	Energy audit data for a resort island in the South China Sea. <i>Data in Brief</i> , 2016, 6, 489-491.	1.0	4
18	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	3

#	ARTICLE	IF	CITATIONS
19	Optimal plant management system via automated watering and fertilization. AIP Conference Proceedings, 2020, , .	0.4	2
20	Anticipatory response model for multi-agent based energy management system in a standalone microgrid. , 2016, , .		1
21	Modeling and Simulation of a PV-Diesel-Battery System for a Standalone Microgrid. , 2018, , .		1
22	PV-Battery System Design for an Indigenous People School in Malaysia. , 2019, , .		1
23	Technical and Economic Analysis of Floating PV System for Putra Mosque in Malaysia. , 2020, , .		1
24	Building automation: Photovoltaic assisted thermal comfort management system for energy saving. IOP Conference Series: Earth and Environmental Science, 2013, 16, 012013.	0.3	0
25	Energy efficiency monitoring and economic analysis for energy saving potential in UNITEN. IOP Conference Series: Earth and Environmental Science, 2013, 16, 012012.	0.3	0
26	Micro-Hydro and Pico-Hydro Potential Assessment for Ungauged Sites in the South China Sea Islands. Applied Mechanics and Materials, 0, 785, 632-636.	0.2	0
27	A micro-hydropower system model with PD load frequency controller for Resort Islands in the South China Sea. IOP Conference Series: Earth and Environmental Science, 2016, 32, 012003.	0.3	0
28	A new fuzzy self-tuning PD load frequency controller for micro-hydropower system. IOP Conference Series: Earth and Environmental Science, 2016, 32, 012002.	0.3	0
29	Prospective Control Systems and Cyber-Securities for Electrical Secondary Substations. , 2019, , .		0
30	Islanded Microgrid with Decentralized Control for Optimal Generation Dispatch. , 2020, , .		0
31	Machine learning algorithms used for short-term PV solar irradiation and temperature forecasting at microgrid. , 2022, , 1-17.		0