

Muhamad Mansor

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,355
citations

643344

15
h-index

591227

27
g-index

37
all docs

37
docs citations

37
times ranked

1176
citing authors

#	ARTICLE	IF	CITATIONS
1	Grid-connected lithium-ion battery energy storage system: A bibliometric analysis for emerging future directions. <i>Journal of Cleaner Production</i> , 2022, 334, 130272.	4.6	27
2	Linear quadratic regulator controllers for regulation of the dc-bus voltage in a hybrid energy system: Modeling, design and experimental validation. <i>Sustainable Energy Technologies and Assessments</i> , 2022, 50, 101880.	1.7	9
3	Rule-Based Fuzzy Controller for Solid State Transfer Switch Towards Fast Sensitive Loads Transfer. <i>IEEE Transactions on Industry Applications</i> , 2022, 58, 1888-1898.	3.3	9
4	Improved maximum distance on-demand routing algorithm routing protocol for vehicular ad hoc network network in an urban environment. <i>Telkomnika (Telecommunication Computing Electronics) Tj ETQq0 0 0 0 BT /Overclock 10 Tf</i>		
5	SOC Estimation Using Deep Bidirectional Gated Recurrent Units With Tree Parzen Estimator Hyperparameter Optimization. <i>IEEE Transactions on Industry Applications</i> , 2022, 58, 6629-6638.	3.3	11
6	Thermal behavior of lithium-ion battery in microgrid application: Impact and management system. <i>International Journal of Energy Research</i> , 2021, 45, 4967-5005.	2.2	6
7	Supraharmonics in Power Grid: Identification, Standards, and Measurement Techniques. <i>IEEE Access</i> , 2021, 9, 103677-103690.	2.6	31
8	Battery storage systems integrated renewable energy sources: A bibliometric analysis towards future directions. <i>Journal of Energy Storage</i> , 2021, 35, 102296.	3.9	66
9	Energy management system of microgrid: Control schemes, pricing techniques, and future horizons. <i>International Journal of Energy Research</i> , 2021, 45, 12728-12739.	2.2	19
10	State-of-Charge Estimation of Li-ion Battery Using Gated Recurrent Unit With One-Cycle Learning Rate Policy. <i>IEEE Transactions on Industry Applications</i> , 2021, 57, 2964-2971.	3.3	28
11	Assessment of Technical Impacts of EV Charging to Malaysian Distribution Grid. , 2021, , .		1
12	Priority-based vehicle-to-grid scheduling for minimization of power grid load variance. <i>Journal of Energy Storage</i> , 2021, 39, 102607.	3.9	19
13	Solid State Switching Control Methods: A Bibliometric Analysis for Future Directions. <i>Electronics (Switzerland)</i> , 2021, 10, 1944.	1.8	10
14	Battery energy-storage system: A review of technologies, optimization objectives, constraints, approaches, and outstanding issues. <i>Journal of Energy Storage</i> , 2021, 42, 103023.	3.9	237
15	Impact assessment of battery energy storage systems towards achieving sustainable development goals. <i>Journal of Energy Storage</i> , 2021, 42, 103040.	3.9	26
16	Artificial Neural Network Based Particle Swarm Optimization for Microgrid Optimal Energy Scheduling. <i>IEEE Transactions on Power Electronics</i> , 2021, 36, 12151-12157.	5.4	45
17	Impact of renewable energy utilization and artificial intelligence in achieving sustainable development goals. <i>Energy Reports</i> , 2021, 7, 5359-5373.	2.5	62
18	Cybersecurity of Microgrid: State-of-the-Art Review and Possible Directions of Future Research. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9812.	1.3	18

#	ARTICLE	IF	CITATIONS
19	Review of Thermal Stress and Condition Monitoring Technologies for Overhead Transmission Lines: Issues and Challenges. IEEE Access, 2020, 8, 120053-120081.	2.6	49
20	Power Quality in Microgrids Including Supraharmonics: Issues, Standards, and Mitigations. IEEE Access, 2020, 8, 127104-127122.	2.6	95
21	Vision-Based Traffic Sign Detection and Recognition Systems: Current Trends and Challenges. Sensors, 2019, 19, 2093.	2.1	98
22	Improvement of speed response in four-phase DC-DC converter switching using two shunt voltage source. IET Power Electronics, 2018, 11, 364-372.	1.5	0
23	Review of Energy Storage System Technologies in Microgrid Applications: Issues and Challenges. IEEE Access, 2018, 6, 35143-35164.	2.6	434
24	Current control scheme for unbalanced current distribution in a four-phase converter. , 2017, , .		0
25	Arc flash assessment on photovoltaic grid connected system. , 2017, , .		0
26	An Efficient Control Implementation for Inverter Based Harmony Search Algorithm. International Journal of Power Electronics and Drive Systems, 2017, 8, 279.	0.5	1
27	An Optimal LFC in Two-Area Power Systems Using a Meta-heuristic Optimization Algorithm. International Journal of Electrical and Computer Engineering, 2017, 7, 3217.	0.5	3
28	Assessment of wind and solar energy potentials in Malaysia. , 2013, , .		11
29	Pulse-width control scheme for fixed-frequency ZVS DC-DC converter with active auxiliary circuit. , 2013, , .		0
30	Voltage balancing in DC link capacitor for seven level cascaded multilevel inverter. , 2013, , .		7
31	Current control loop of 3-phase grid-connected inverter. IOP Conference Series: Earth and Environmental Science, 2013, 16, 012069.	0.2	1
32	Efficiency improvement of the maximum power point tracking for PV systems using support vector machine technique. IOP Conference Series: Earth and Environmental Science, 2013, 16, 012099.	0.2	3
33	Phase angle analysis for PWM-switched autotransformer voltage-sag compensator. IET Power Electronics, 2012, 5, 1882-1891.	1.5	1
34	Phase Angle Analysis for Three-Phase PWM-Switched Autotransformer Voltage-Sag Compensator. Arabian Journal for Science and Engineering, 2012, 37, 1987-2001.	1.1	3
35	Three-Phase PWM-Switched Autotransformer Voltage-Sag Compensator Based on Phase Angle Analysis. Journal of Power Electronics, 2011, 11, 897-903.	0.9	1
36	New voltage sag detection based on phase angle analysis for the new topology of voltage sag compensator. IEICE Electronics Express, 2010, 7, 1403-1408.	0.3	1

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37	Voltage sag detection - A survey. , 2009, , .		23