

M Syed Jamil Asghar

List of Publications by Year in descending order

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papers

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24
times ranked

238
citing authors

#	ARTICLE	IF	CITATIONS
1	A Comprehensive Review on Structural Topologies, Power Levels, Energy Storage Systems, and Standards for Electric Vehicle Charging Stations and Their Impacts on Grid. IEEE Access, 2021, 9, 128069-128094.	4.2	134
2	System Design and Realization of a Solar-Powered Electric Vehicle Charging Station. IEEE Systems Journal, 2020, 14, 2748-2758.	4.6	117
3	A Comprehensive Review of Power Flow Controllers in Interconnected Power System Networks. IEEE Access, 2020, 8, 18036-18063.	4.2	43
4	Low cost residential microgrid system based home to grid (H2G) back up power management. Sustainable Cities and Society, 2018, 36, 204-214.	10.4	40
5	Multilevel converter topology for solar PV based grid-tie inverters. , 2010, , .		18
6	Electric Power Network Interconnection: A Review on Current Status, Future Prospects and Research Direction. Electronics (Switzerland), 2021, 10, 2179.	3.1	18
7	Reliable Residential Backup Power Control System Through Home to Plug-In Electric Vehicle (H2V). Technology and Economics of Smart Grids and Sustainable Energy, 2018, 3, 1.	2.6	13
8	A Multiphase AC-DC Converter With Improved Power Quality for EV Charging Station. IEEE Transactions on Transportation Electrification, 2022, 8, 909-924.	7.8	12
9	Modeling and simulation of variable frequency transformer for power transfer in-between power system networks. , 2011, , .		11
10	Flexible asynchronous ac link for power system network interconnection. , 2012, , .		10
11	Fuzzy Control Assisted Vehicle-to-Home (V2H) Energy Management System. Smart Science, 2018, 6, 173-187.	3.2	9
12	A novel DC-to-AC controlled multi-level inverter. , 2013, , .		6
13	Reliable and Economy Modes of Operation for Electric Vehicle-to-Home (V2H) System. , 2018, , .		6
14	Adaptive Neuro-Fuzzy Inference System (ANFIS) for Optimization of Solar Based Electric Vehicle-to-Home (V2H) Fuzzy Inference System (FIS) Controller. , 2019, , .		6
15	Matching of a Separately Excited DC Motor to a Photovoltaic Panel using an Analog Maximum Power Point Tracker. , 2006, , .		5
16	Performance Evaluation and Reliability of Flexible Asynchronous AC Link and LCC-HVDC Link Under Fault Conditions. IEEE Access, 2020, 8, 120562-120574.	4.2	5
17	Review of Thyristor Based Grid Tied Inverters for Solar PV Applications. , 2019, , .		4
18	Rotating magnetic field based instantaneous angular speed measurement of low speed rotating machines. , 2011, , .		3

#	ARTICLE	IF	CITATIONS
19	Performance Evaluation of Doubly Fed Induction Machine Used in Flexible Asynchronous AC Link for Power Flow Control Applications. , 2019, , .		3
20	Performance Evaluation of Multilevel DC-AC Converter To Interface EV Battery For V2H Application. , 2021, , .		2
21	Experimental validation of <scp>off-board EV</scp> charging station with reduced active switch count. International Journal of Energy Research, 2022, 46, 16929-16948.	4.5	1
22	Review of Thyristor Based Grid Tied Inverters for Solar PV Applications. , 2019, , .		0
23	Resilience of Grid-Connected Wind Farm Using a Flexible Asynchronous AC Link. , 2020, , .		0
24	Discontinuous Phase Controlled (DPC) Convertors for Charging of Batteries of Electrical Vehicles. , 2020, , .		0