Salman Habib

List of Publications by Year in descending order

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		567247	434170
37	1,181	15	31
papers	citations	h-index	g-index

37	37	37	1206
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Impact analysis of vehicle-to-grid technology and charging strategies of electric vehicles on distribution networks â€“ A review. Journal of Power Sources, 2015, 277, 205-214.	7.8	390
2	A Comprehensive Study of Implemented International Standards, Technical Challenges, Impacts and Prospects for Electric Vehicles. IEEE Access, 2018, 6, 13866-13890.	4.2	250
3	Assessment of electric vehicles concerning impacts, charging infrastructure with unidirectional and bidirectional chargers, and power flow comparisons. International Journal of Energy Research, 2018, 42, 3416-3441.	4.5	70
4	A Novel Scalar PWM Method to Reduce Leakage Current in Three-Phase Two-Level Transformerless Grid-Connected VSIs. IEEE Transactions on Industrial Electronics, 2020, 67, 3788-3797.	7.9	35
5	Improved Whale Optimization Algorithm for Transient Response, Robustness, and Stability Enhancement of an Automatic Voltage Regulator System. Energies, 2022, 15, 5037.	3.1	29
6	A Comparative Study of Electric Vehicles Concerning Charging Infrastructure and Power Levels. , 2017, , .		24
7	Capacitor Voltage Damping Based on Parallel Feedforward Compensation Method for LCL-Filter Grid-Connected Inverter. IEEE Transactions on Industry Applications, 2020, 56, 837-849.	4.9	22
8	Coordinated operation of reconfigurable networks with dynamic line rating for optimal utilization of renewable generation. International Journal of Electrical Power and Energy Systems, 2021, 125, 106473.	5.5	22
9	An investigation into partial discharge pulse extraction methods. International Journal of Electrical Power and Energy Systems, 2015, 73, 964-982.	5.5	21
10	Short Term Residential Load Forecasting: An Improved Optimal Nonlinear Auto Regressive (NARX) Method with Exponential Weight Decay Function. Electronics (Switzerland), 2018, 7, 432.	3.1	20
11	A transient current protection and fault location scheme for MMC-HVDC transmission network. International Journal of Electrical Power and Energy Systems, 2021, 124, 106348.	5.5	20
12	A Virtual Micro-Islanding-Based Control Paradigm for Renewable Microgrids. Electronics (Switzerland), 2018, 7, 105.	3.1	19
13	Designing and Energy Estimation of Photovoltaic Energy Generation System and Prediction of Plant Performance with the Variation of Tilt Angle and Interrow Spacing. Sustainability, 2022, 14, 627.	3.2	19
14	Optimal Solution of Reactive Power Dispatch in Transmission System to Minimize Power Losses Using Sine-Cosine Algorithm. IEEE Access, 2022, 10, 20223-20239.	4.2	19
15	Electric Vehicles Aggregation for Frequency Control of Microgrid under Various Operation Conditions Using an Optimal Coordinated Strategy. Sustainability, 2022, 14, 3108.	3.2	19
16	A framework for stochastic estimation of electric vehicle charging behavior for risk assessment of distribution networks. Frontiers in Energy, 2020, 14, 298-317.	2.3	17
17	A Control Methodology for Load Sharing System Restoration in Islanded DC Micro Grid with Faulty Communication Links. Electronics (Switzerland), 2018, 7, 90.	3.1	15
18	A resonant damping control and analysis for LCL-type grid-connected inverter. Energy Reports, 2022, 8, 911-928.	5.1	15

#	Article	IF	Citations
19	Battery-Ultracapacitor Hybrid Energy Storage System to Increase Battery Life Under Pulse Loads. IEEE Access, 2022, 10, 62173-62182.	4.2	15
20	Optimizing Generation Capacities Incorporating Renewable Energy with Storage Systems Using Genetic Algorithms. Electronics (Switzerland), 2018, 7, 100.	3.1	14
21	An Enhanced Distributed Voltage Regulation Scheme for Radial Feeder in Islanded Microgrid. Energies, 2021, 14, 6092.	3.1	13
22	Design and Performance Evaluation of a Step-Up DCâ€“DC Converter with Dual Loop Controllers for Two Stages Grid Connected PV Inverter. Sustainability, 2022, 14, 811.	3.2	13
23	A novel vehicle-to-grid technology with constraint analysis-a review. , 2014, , .		12
24	Risk Evaluation of Distribution Networks Considering Residential Load Forecasting with Stochastic Modeling of Electric Vehicles. Energy Technology, 2019, 7, 1900191.	3.8	12
25	An efficient soft-switched vienna rectifier topology for EV battery chargers. Energy Reports, 2021, 7, 5059-5073.	5.1	11
26	Mobilizing grid flexibility through optimal transmission switching for power systems with largeâ€scale renewable integration. International Transactions on Electrical Energy Systems, 2020, 30, e12211.	1.9	9
27	A study of implemented international standards and infrastructural system for electric vehicles. , 2018, , .		8
28	An Improved Optimal Forecasting Algorithm for Comprehensive Electric Vehicle Charging Allocation. Energy Technology, 2019, 7, 1900436.	3.8	8
29	A Quasi-Average Estimation Aided Hierarchical Control Scheme for Power Electronics-Based Islanded Microgrids. Electronics (Switzerland), 2019, 8, 39.	3.1	8
30	A Hierarchical Control Methodology for Renewable DC Microgrids Supporting a Variable Communication Network Health. Electronics (Switzerland), 2018, 7, 418.	3.1	6
31	Analysis and Elimination of Dead-Time Effect in Wireless Power Transfer System. Energies, 2018, 11, 1577.	3.1	6
32	Performance Ratio Analysis Based on Energy Production for Large-Scale Solar Plant. IEEE Access, 2022, 10, 5715-5735.	4.2	6
33	An Improved Control Scheme for Power Sharing between Distributed Power Converters in Islanded AC Microgrids. , 2017, , .		4
34	An Optimal Control Scheme for Load Bus Voltage Regulation and Reactive Power-Sharing in an Islanded Microgrid. Energies, 2021, 14, 6490.	3.1	4
35	A heuristically optimized comprehensive charging scheme for largeâ€scale EV integration. International Transactions on Electrical Energy Systems, 2020, 30, e12313.	1.9	3
36	A Comprehensive Topological Assessment of Power Electronics Converters for Charging of Electric Vehicles. , 2021, , 133-183.		3

#	Article	IF	Citations
37	Study of a novel softâ€switched Vienna rectifier using simple active technique. International Journal of Circuit Theory and Applications, 0, , .	2.0	0