Kamran Ali Khan Niazi

List of Publications by Year
in descending order

18	407	1040056 9	1125743 13
papers	citations	h-index	g-index

18	18	18	432
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Performance Assessment of Mismatch Mitigation Methodologies Using Field Data in Solar Photovoltaic Systems. Electronics (Switzerland), 2022, 11, 1938.	3.1	3
2	A Simple Mismatch Mitigating Partial Power Processing Converter for Solar PV Modules. Energies, 2021, 14, 2308.	3.1	3
3	Reconfigurable Distributed Power Electronics Technique for Solar PV Systems. Electronics (Switzerland), 2021, 10, 1121.	3.1	2
4	Kernel recursive least square tracker and long-short term memory ensemble based battery health prognostic model. IScience, 2021, 24, 103286.	4.1	8
5	Intrinsic-Capacitance-based Differential Power Processing for Photovoltaic Modules. , 2020, , .		0
6	Battery Energy Storage Systems for Mitigating Fluctuations Caused by Pulse Loads and Propulsion Motors in Shipboard Microgrids. , 2019, , .		3
7	Evaluation of Interconnection Configuration Schemes for PV Modules with Switched-Inductor Converters under Partial Shading Conditions. Energies, 2019, 12, 2802.	3.1	13
8	Control of Hybrid Diesel/PV/Battery/Ultra-Capacitor Systems for Future Shipboard Microgrids. Energies, 2019, 12, 3460.	3.1	22
9	A Review on Transformerless Step-Up Single-Phase Inverters with Different DC-Link Voltage for Photovoltaic Applications. Energies, 2019, 12, 3626.	3.1	15
10	Hotspot diagnosis for solar photovoltaic modules using a Naive Bayes classifier. Solar Energy, 2019, 190, 34-43.	6.1	99
11	Dualâ€loop control strategy applied to PV/batteryâ€based islanded DC microgrids for swarm electrification of developing regions. Journal of Engineering, 2019, 2019, 5298-5302.	1.1	12
12	Review of mismatch mitigation techniques for PV modules. IET Renewable Power Generation, 2019, 13, 2035-2050.	3.1	46
13	Performance Benchmark of Bypassing Techniques for Photovoltaic Modules. , 2019, , .		2
14	Efficiency Comparison of AC and DC Distribution Networks for Modern Residential Localities. Applied Sciences (Switzerland), 2019, 9, 582.	2.5	38
15	Hybrid Energy Storage Systems for Voltage Stabilization in Shipboard Microgrids. , 2019, , .		6
16	Switched-Capacitor-Inductor-based Differential Power Converter for Solar PV Modules. , 2019, , .		3
17	Energy Storage Systems for Shipboard Microgridsâ€”A Review. Energies, 2018, 11, 3492.	3.1	92
18	Hotspots and performance evaluation of crystalline-silicon and thin-film photovoltaic modules. Microelectronics Reliability, 2018, 88-90, 1014-1018.	1.7	40