

Karthikrajan senthilnathan

List of Publications by Year in descending order

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478
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-Port Current Source Inverter for Smart Microgrid Applications: A Cyber Physical Paradigm. Electronics (Switzerland), 2019, 8, 1.	1.8	183
2	Implementation of unified power quality conditioner (UPQC) based on current source converters for distribution grid and performance monitoring through LabVIEW Simulation Interface Toolkit server: a cyber physical model. IET Generation, Transmission and Distribution, 2016, 10, 2622-2630.	1.4	29
3	Comparative analysis of controllers for stability enhancement for wind energy system with STATCOM in the grid connected environment. Renewable Energy, 2020, 162, 2408-2442.	4.3	13
4	Power Quality Improvement by Unified Power Quality Conditioner Based on CSC Topology Using Synchronous Reference Frame Theory. Scientific World Journal, The, 2014, 2014, 1-7.	0.8	11
5	A Review on Back-to-Back Converters in Permanent Magnet Synchronous Generator based Wind Energy Conversion System. Indonesian Journal of Electrical Engineering and Computer Science, 2016, 2, 583.	0.7	8
6	Artificial Neural Network Control Strategy for Multi-converter Unified Power Quality Conditioner for Power Quality Improvements in 3-Feeder System. Advances in Intelligent Systems and Computing, 2016, , 1105-1111.	0.5	5
7	Modified dual output single phase current source back end converter with resilient cyber infrastructure. International Journal of Electrical Power and Energy Systems, 2021, 124, 106345.	3.3	3
8	Simulation and Hardware Implementation of Shunt Active Power Filter Based on Synchronous Reference Frame Theory. Telkomnika (Telecommunication Computing Electronics and Control), 2018, 16, 1.	0.6	3
9	Co-simulation and hardware implementation of multi-port rectifier for power system and renewable energy applications. Wind Engineering, 2019, 43, 162-174.	1.1	1
10	Resilient cyber physical simulation for modified back-to-back converter with sliding mode control. Computers and Electrical Engineering, 2021, 96, 107483.	3.0	1
11	Sliding Mode Control based Dual-Port Back to Back Current Source Converter. , 2018, , .		0
12	Resilient cyber physical infrastructure for single-phase dual inverter with sliding mode control. International Transactions on Electrical Energy Systems, 2020, 30, e12173.	1.2	0
13	Co-simulation and hardware realization of PMSG-WECS based on current source inverter for grid synchronization. Wind Engineering, 0, , 0309524X2199826.	1.1	0