Sanjeevikumar Padmanaban

List of Publications by Citations

483 papers	6,007 citations	36 h-index	56 g-index
578 ext. papers	9,161 ext. citations	2.6 avg, IF	6.85 L-index

#	Paper	IF	Citations
483	Recent advances and challenges of fuel cell based power system architectures and control – A review. *Renewable and Sustainable Energy Reviews*, **2017**, 73, 10-18	16.2	254
482	A Comprehensive Study of Key Electric Vehicle (EV) Components, Technologies, Challenges, Impacts, and Future Direction of Development. *Energies*, **2017**, 10, 1217	3.1	234
481	Direct electron transfer with yeast cells and construction of a mediatorless microbial fuel cell. *Biosensors and Bioelectronics*, **2007**, 22, 2604-10	11.8	155
480	Optimal planning of electric vehicle charging station at the distribution system using hybrid optimization algorithm. *Energy*, **2017**, 133, 70-78	7.9	138
479	. *IEEE Access*, **2020**, 8, 74432-74457	3.5	118
478	Analysis and Mitigation of Power Quality Issues in Distributed Generation Systems Using Custom Power Devices. *IEEE Access*, **2018**, 6, 16816-16833	3.5	114
477	Review on the optimal placement, sizing and control of an energy storage system in the distribution network. *Journal of Energy Storage*, **2019**, 21, 489-504	7.8	110
476	An Experimental Estimation of Hybrid ANFIS–FPSO-Based MPPT for PV Grid Integration Under Fluctuating Sun Irradiance. *IEEE Systems Journal*, **2020**, 14, 1218-1229	4.3	107
475	. *IEEE Access*, **2019**, 7, 10467-10477	3.5	81
474	Fuzzy SVPWM-based inverter control realisation of grid integrated photovoltaic-wind system with fuzzy particle swarm optimisation maximum power point tracking algorithm for a grid-connected PV/wind power generation system: hardware implementation. *IET Electric Power Applications*, **2018**, 12, 962-971	1.8	76
473	A Hybrid Photovoltaic-Fuel Cell for Grid Integration With Jaya-Based Maximum Power Point Tracking: Experimental Performance Evaluation. *IEEE Access*, **2019**, 7, 82978-82990	3.5	75
472	An Ant Colony Optimized MPPT for Standalone Hybrid PV-Wind Power System with Single Cuk Converter. *Energies*, **2019**, 12, 167	3.1	70
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470	Constant Power Loads (CPL) with Microgrids: Problem Definition, Stability Analysis and Compensation Techniques. *Energies*, **2017**, 10, 1656	3.1	53
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468	Improved Fault Ride Through Capability in DFIG Based Wind Turbines Using Dynamic Voltage Restorer With Combined Feed-Forward and Feed-Back Control. *IEEE Access*, **2017**, 5, 20494-20503	3.5	51
467	. *IEEE Access*, **2019**, 7, 103377-103389	3.5	51

466	Comprehensive Review on Detection and Classification of Power Quality Disturbances in Utility Grid With Renewable Energy Penetration. *IEEE Access*, **2020**, 8, 146807-146830	3.5	49
465	Photovoltaic Integrated Hybrid Microgrid Structured Electric Vehicle Charging Station and Its Energy Management Approach. *Energies*, **2019**, 12, 168	3.1	48
464	High Gain Transformer-Less Double-Duty-Triple-Mode DC/DC Converter for DC Microgrid. *IEEE Access*, **2019**, 7, 36353-36370	3.5	47
463	Torque ripple minimization of PMSM using an adaptive Elman neural network-controlled feedback linearization-based direct torque control strategy. *International Transactions on Electrical Energy Systems*, **2021**, 31,	2.2	47
462	Internet of Things Applications as Energy Internet in Smart Grids and Smart Environments. *Electronics (Switzerland)*, **2019**, 8, 972	2.6	45
461	Review on control techniques and methodologies for maximum power extraction from wind energy systems. *IET Renewable Power Generation*, **2018**, 12, 1609-1622	2.9	45
460	. *IEEE Access*, **2018**, 6, 33285-33305	3.5	45
459	Comprehensive Review of Distributed FACTS Control Algorithms for Power Quality Enhancement in Utility Grid With Renewable Energy Penetration. *IEEE Access*, **2020**, 8, 107614-107634	3.5	44
458	New CUK□EPIC converter based photovoltaic power system with hybrid GSA□PSO algorithm employing MPPT for water pumping applications. *IET Power Electronics*, **2020**, 13, 2824-2830	2.2	42
457	Single-Phase Step-Up Switched-Capacitor-Based Multilevel Inverter Topology With SHEPWM. *IEEE Transactions on Industry Applications*, **2021**, 57, 3107-3119	4.3	42
456	A sociocultural study on solar photovoltaic energy system in India: Stratification and policy implication. *Journal of Cleaner Production*, **2019**, 216, 461-481	10.3	40
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