

Rajasekhara Reddy Chilipi

List of Publications by Year in descending order

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papers

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docs citations

19
times ranked

488
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive Notch Filter-Based Multipurpose Control Scheme for Grid-Interfaced Three-Phase Four-Wire DG Inverter. IEEE Transactions on Industry Applications, 2017, 53, 4015-4027.	3.3	68
2	A Multitasking Control Algorithm for Grid-Connected Inverters in Distributed Generation Applications Using Adaptive Noise Cancellation Filters. IEEE Transactions on Energy Conversion, 2016, 31, 714-727.	3.7	65
3	Performance of a Self-Excited Induction Generator With DSTATCOM-DTC Drive-Based Voltage and Frequency Controller. IEEE Transactions on Energy Conversion, 2014, 29, 545-557.	3.7	57
4	STATCOM-Based Controller for a Three-Phase SEIG Feeding Single-Phase Loads. IEEE Transactions on Energy Conversion, 2014, 29, 320-331.	3.7	56
5	Control scheme for grid-tied distributed generation inverter under unbalanced and distorted utility conditions with power quality ancillary services. IET Renewable Power Generation, 2016, 10, 140-149.	1.7	56
6	Third order sinusoidal integrator (TOSSI)-based control algorithm for shunt active power filter under distorted and unbalanced voltage conditions. International Journal of Electrical Power and Energy Systems, 2018, 96, 152-162.	3.3	39
7	Design and implementation of dynamic electronic load controller for three-phase self-excited induction generator in remote small-hydro power generation. IET Renewable Power Generation, 2014, 8, 269-280.	1.7	37
8	Control of Single-Phase Solar Power Generation System With Universal Active Power Filter Capabilities Using Least Mean Mixed-Norm (LMMN)-Based Adaptive Filtering Method. IEEE Transactions on Sustainable Energy, 2020, 11, 879-893.	5.9	34
9	Static synchronous compensator-variable frequency drive for voltage and frequency control of small-hydro driven self-excited induction generators system. IET Generation, Transmission and Distribution, 2014, 8, 1528-1538.	1.4	30
10	Adaptive harmonic cancellation scheme for voltage and frequency control of a single-phase two-winding SEIG. , 2015, , .		29
11	An adaptive control algorithm for grid-interfacing inverters in renewable energy based distributed generation systems. Energy Conversion and Management, 2016, 111, 443-452.	4.4	26
12	Implementation of modified current synchronous detection method for voltage control of self-excited induction generator. IET Power Electronics, 2015, 8, 1146-1155.	1.5	22
13	A New Voltage and Frequency Controller for Standalone Parallel Operated Self Excited Induction Generators. International Journal of Emerging Electric Power Systems, 2012, 13, 1-17.	0.6	16
14	Grid synchronization and control of distributed generation unit with flexible load compensation capabilities using multi-output LMS-filter. International Journal of Electrical Power and Energy Systems, 2017, 93, 253-265.	3.3	9
15	Coordinated control of parallel operated renewable-energy-based DG systems. IET Renewable Power Generation, 2018, 12, 1623-1632.	1.7	9
16	Control of Grid-Tied Multiple Distributed Generation Systems With Cooperative Compensation Capabilities. IEEE Journal of Emerging and Selected Topics in Industrial Electronics, 2022, 3, 821-833.	3.0	6
17	Mitigation of harmonics in drilling rigs using shunt active power filters. , 2016, , .		4
18	Control of Self-Excited Induction Generator-based Micro-Hydro Power Generation System Feeding Single-Phase and Three-Phase Loads. , 2020, , .		4

#	ARTICLE	IF	CITATIONS
19	Control of dual converter-based grid-tied SPV system with series-shunt compensation capabilities. IET Renewable Power Generation, 2020, 14, 164-175.	1.7	2