

# Rajasekhara Reddy Chilipi

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/8510386/rajasekhara-reddy-chilipi-publications-by-citations.pdf>

**Version:** 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

19  
papers

374  
citations

13  
h-index

19  
g-index

19  
ext. papers

504  
ext. citations

4.2  
avg, IF

3.83  
L-index

#	Paper	IF	Citations
19	. <i>IEEE Transactions on Industry Applications</i> , <b>2017</b> , 53, 4015-4027	4.3	46
18	. <i>IEEE Transactions on Energy Conversion</i> , <b>2016</b> , 31, 714-727	5.4	44
17	Control scheme for grid-tied distributed generation inverter under unbalanced and distorted utility conditions with power quality ancillary services. <i>IET Renewable Power Generation</i> , <b>2016</b> , 10, 140-149	2.9	42
16	. <i>IEEE Transactions on Energy Conversion</i> , <b>2014</b> , 29, 545-557	5.4	35
15	STATCOM-Based Controller for a Three-Phase SEIG Feeding Single-Phase Loads. <i>IEEE Transactions on Energy Conversion</i> , <b>2014</b> , 29, 320-331	5.4	33
14	Design and implementation of dynamic electronic load controller for three-phase self-excited induction generator in remote small-hydro power generation. <i>IET Renewable Power Generation</i> , <b>2014</b> , 8, 269-280	2.9	27
13	Third order sinusoidal integrator (TOSSI)-based control algorithm for shunt active power filter under distorted and unbalanced voltage conditions. <i>International Journal of Electrical Power and Energy Systems</i> , <b>2018</b> , 96, 152-162	5.1	25
12	An adaptive control algorithm for grid-interfacing inverters in renewable energy based distributed generation systems. <i>Energy Conversion and Management</i> , <b>2016</b> , 111, 443-452	10.6	21
11	Static synchronous compensator-variable frequency drive for voltage and frequency control of small-hydro driven self-excited induction generators system. <i>IET Generation, Transmission and Distribution</i> , <b>2014</b> , 8, 1528-1538	2.5	20
10	Adaptive harmonic cancellation scheme for voltage and frequency control of a single-phase two-winding SEIG <b>2015</b> ,		17
9	Implementation of modified current synchronous detection method for voltage control of self-excited induction generator. <i>IET Power Electronics</i> , <b>2015</b> , 8, 1146-1155	2.2	16
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. <i>IEEE Transactions on Sustainable Energy</i> , <b>2020</b> , 11, 879-893	8.2	15
7	A New Voltage and Frequency Controller for Standalone Parallel Operated Self Excited Induction Generators. <i>International Journal of Emerging Electric Power Systems</i> , <b>2012</b> , 13, 1-17	1.4	14
6	Coordinated control of parallel operated renewable-energy-based DG systems. <i>IET Renewable Power Generation</i> , <b>2018</b> , 12, 1623-1632	2.9	8
5	Grid synchronization and control of distributed generation unit with flexible load compensation capabilities using multi-output LMS-filter. <i>International Journal of Electrical Power and Energy Systems</i> , <b>2017</b> , 93, 253-265	5.1	6
4	Mitigation of harmonics in drilling rigs using shunt active power filters <b>2016</b> ,		2
3	Control of Grid-Tied Multiple Distributed Generation Systems with Cooperative Compensation Capabilities. <i>IEEE Journal of Emerging and Selected Topics in Industrial Electronics</i> , <b>2021</b> , 1-1	2.6	1

2	Control of Self-Excited Induction Generator-based Micro-Hydro Power Generation System Feeding Single-Phase and Three-Phase Loads <b>2020</b> ,		1
1	Control of dual converter-based grid-tied SPV system with series-shunt compensation capabilities. <i>IET Renewable Power Generation</i> , <b>2020</b> , 14, 164-175	2.9	1