

Siva Kumar Ganjikunta

List of Publications by Year in Descending Order

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

17 papers	149 citations	8 h-index	12 g-index
20 ext. papers	267 ext. citations	3 avg, IF	3.81 L-index

#	Paper	IF	Citations
17	Active and Reactive Power Control of Grid-Tied Asymmetrical MLI-based PV System with Reduced Switching Frequency. <i>Lecture Notes in Electrical Engineering</i> , 2022 , 119-134	0.2	
16	An Adaptive DC Link Voltage Control of Multifunctional SPV Grid Connected VSI for Switching Loss Reduction. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 1-1	8.9	1
15	Design, analysis, and switching losses reduction of hybrid shunt compensator with adaptive control scheme. <i>International Transactions on Electrical Energy Systems</i> , 2021 , 31, e12716	2.2	1
14	A Survey on Reduced Switch Count Multilevel Inverters. <i>IEEE Open Journal of the Industrial Electronics Society</i> , 2021 , 2, 80-111	3.6	27
13	Model predictive control with constant switching frequency for four-leg DSTATCOM using three-dimensional space vector modulation. <i>IET Generation, Transmission and Distribution</i> , 2020 , 14, 3571-3581 ¹	2.5	1
12	Power quality enhancement by hybrid DSTATCOM with improved performance in distribution system. <i>International Transactions on Electrical Energy Systems</i> , 2020 , 30, e12153	2.2	4
11	Energy Management and Control of Single-Stage Grid-Connected Solar PV and BES System. <i>IEEE Transactions on Sustainable Energy</i> , 2020 , 11, 1739-1749	8.2	13
10	Model predictive current control of DSTATCOM with simplified weighting factor selection using VIKOR method for power quality improvement. <i>IET Generation, Transmission and Distribution</i> , 2019 , 13, 3649-3660	2.5	5
9	Power Quality Improvement and PV Power Injection by DSTATCOM With Variable DC Link Voltage Control from RSC-MLC. <i>IEEE Transactions on Sustainable Energy</i> , 2019 , 10, 876-885	8.2	27
8	Cost Effective Single-Phase DSTATCOM for Low Power Applications. <i>Electric Power Components and Systems</i> , 2019 , 47, 785-797	1	
7	Three-phase four switch DSTATCOM topologies with special transformers for neutral current compensation and power quality improvement. <i>IET Generation, Transmission and Distribution</i> , 2019 , 13, 368-379	2.5	4
6	Simple algorithm for current and voltage control of LCL DSTATCOM for power quality improvement. <i>IET Generation, Transmission and Distribution</i> , 2019 , 13, 423-434	2.5	8
5	Reduced carrier PWM scheme with unified logical expressions for reduced switch count multilevel inverters. <i>IET Power Electronics</i> , 2018 , 11, 912-921	2.2	9
4	Zero-sequence voltage injected fault tolerant scheme for multiple open circuit faults in reduced switch count-based MLDCL inverter. <i>IET Power Electronics</i> , 2018 , 11, 1351-1364	2.2	8
3	Improved pulse-width modulation scheme for T-type multilevel inverter. <i>IET Power Electronics</i> , 2017 , 10, 968-976	2.2	20
2	Dynamic dc voltage regulation of split-capacitor DSTATCOM for power quality improvement. <i>IET Generation, Transmission and Distribution</i> , 2017 , 11, 4373-4383	2.5	19
1	A three-phase transformer based T-type topology for DSTATCOM application. <i>International Journal of Electronics</i> , 2017 , 1-21	1.2	2

