

# C Vyjayanthi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11675756/publications.pdf>

Version: 2024-02-01

14  
papers

124  
citations

1684188

5  
h-index

1720034

7  
g-index

14  
all docs

14  
docs citations

14  
times ranked

108  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and analysis of closed loop control of power-converters for forming droop-controlled AC-DC subgrids of an islanded hybrid AC-DC microgrid. International Journal of Emerging Electric Power Systems, 2022, .	0.8	0
2	Designing a blockchain-enabled privacy-preserving energy theft detection system for smart grid neighborhood area network. Electric Power Systems Research, 2022, 207, 107884.	3.6	9
3	Coordinated power control without AC voltage sensing and active power filtering using interlinking converter with reduced interlinking power flow in a droop controlled islanded hybrid AC-DC microgrid. International Transactions on Electrical Energy Systems, 2021, 31, e12786.	1.9	2
4	A trustworthy and incentivized smart grid energy trading framework using distributed ledger and smart contracts. Journal of Network and Computer Applications, 2021, 183-184, 103074.	9.1	29
5	K factor-based MPPT Technique for Reducing Steady-State Power Oscillations. , 2021, , .		1
6	Active power filtering using interlinking converter in droop controlled islanded hybrid AC-DC microgrid. International Transactions on Electrical Energy Systems, 2020, 30, e12333.	1.9	13
7	PV-Battery Hybrid System with Less AH Capacity for Standalone DC Loads. International Journal of Emerging Electric Power Systems, 2019, 20, .	0.8	2
8	Emulation of AC and DC subgrids using Power Converters for Islanded Hybrid Microgrid Applications. , 2019, , .		2
9	Fault Level Analysis in Modern Electrical Distribution System Considering Various Distributed Generations. , 2018, , .		6
10	Evaluation and improvement of generators reactive power margins in interconnected power systems. IET Generation, Transmission and Distribution, 2011, 5, 504.	2.5	17
11	Evaluation and improvement of total transfer capability - A case study. , 2010, , .		2
12	Relative electrical distance concept for evaluation of network reactive power and loss contributions in a deregulated system. IET Generation, Transmission and Distribution, 2009, 3, 1000-1019.	2.5	32
13	Ranking of Prospective New Generation Location for a Power Network in a Deregulated System. , 2008, , .		4
14	Optimal Reactive Power Dispatch based on Voltage Stability Criteria in a Large Power System with AC/DC and FACTS Devices. , 2006, , .		5