

# 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  | 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        |
| 2  | 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        |
| 3  | Evaluation and improvement of generators reactive power margins in interconnected power systems. IET Generation, Transmission and Distribution, 2011, 5, 504.   | 2.5 | 17        |
| 4  | 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        |
| 5  | 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         |
| 6  | Fault Level Analysis in Modern Electrical Distribution System Considering Various Distributed Generations. , 2018, , .  |     | 6         |
| 7  | Optimal Reactive Power Dispatch based on Voltage Stability Criteria in a Large Power System with AC/DC and FACTS Devices. , 2006, , .   |     | 5         |
| 8  | Ranking of Prospective New Generation Location for a Power Network in a Deregulated System. , 2008, , .   |     | 4         |
| 9  | Evaluation and improvement of total transfer capability - A case study. , 2010, , .   |     | 2         |
| 10 | PV-Battery Hybrid System with Less AH Capacity for Standalone DC Loads. International Journal of Emerging Electric Power Systems, 2019, 20, .   | 0.8 | 2         |
| 11 | Emulation of AC and DC subgrids using Power Converters for Islanded Hybrid Microgrid Applications. , 2019, , .  |     | 2         |
| 12 | 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         |
| 13 | K factor-based MPPT Technique for Reducing Steady-State Power Oscillations. , 2021, , .   |     | 1         |
| 14 | 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         |