

# Amritanshu Pandey

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

248  
citations

1478505

6  
h-index

1474206

9  
g-index

28  
all docs

28  
docs citations

28  
times ranked

127  
citing authors

#	ARTICLE	IF	CITATIONS
1	Practical Adoption of Cloud Computing in Power Systems—Drivers, Challenges, Guidance, and Real-World Use Cases. IEEE Transactions on Smart Grid, 2022, 13, 2390-2411.	9.0	8
2	Two-stage homotopy method to incorporate discrete control variables into AC-OPF. Electric Power Systems Research, 2022, 212, 108283.	3.6	2
3	Fast AC Steady-State Power Grid Simulation and Optimization Using Prior Knowledge. , 2021, , .		0
4	Analytical Inverter-Based Distributed Generator Model for Power Flow Analysis. , 2021, , .		0
5	A WLAV-based Robust Hybrid State Estimation using Circuit-theoretic Approach. , 2021, , .		6
6	Steady-State Simulation for Combined Transmission and Distribution Systems. IEEE Transactions on Smart Grid, 2020, 11, 1124-1135.	9.0	9
7	Robust event-driven dynamic simulation using power flow. Electric Power Systems Research, 2020, 189, 106752.	3.6	1
8	Evaluating Feasibility Within Power Flow. IEEE Transactions on Smart Grid, 2020, 11, 3522-3534.	9.0	13
9	A Circuit-Theoretic Approach to State Estimation. , 2020, , .		1
10	Robust Power Flow and Three-Phase Power Flow Analyses. IEEE Transactions on Power Systems, 2019, 34, 616-626.	6.5	65
11	Robust and Efficient Power Flow Convergence with G-min Stepping Homotopy Method. , 2019, , .		3
12	A Probabilistic Approach to Power System State Estimation using a Linear Algorithm. , 2019, , .		3
13	GridWatch: Sensor Placement and Anomaly Detection in the Electrical Grid. Lecture Notes in Computer Science, 2019, , 71-86.	1.3	4
14	Impact of Load Models on Power Flow Optimization. , 2019, , .		3
15	Robust Sequential Steady-State Analysis of Cascading Outages. , 2019, , .		1
16	Implicitly Modeling Frequency Control within Power Flow. , 2019, , .		1
17	Improving Voltage Profile of the Nigerian Power Grid. , 2019, , .		0
18	Equivalent Circuit Formulation for Solving AC Optimal Power Flow. IEEE Transactions on Power Systems, 2019, 34, 2354-2365.	6.5	16

#	ARTICLE	IF	CITATIONS
19	ChangeDAR. , 2018, , .		2
20	Robust Convergence of Power Flow Using TX Stepping Method with Equivalent Circuit Formulation. , 2018, , .		12
21	StreamCast: Fast and Online Mining of Power Grid Time Sequences. , 2018, , 531-539.		9
22	Improving power flow robustness via circuit simulation methods. , 2017, , .		10
23	Linear load model for robust power system analysis. , 2017, , .		12
24	PowerCast: Mining and Forecasting Power Grid Sequences. Lecture Notes in Computer Science, 2017, , 606-621.	1.3	25
25	Steady-state analysis of power system harmonics using equivalent split-circuit models. , 2016, , .		6
26	Unified power system analyses and models using equivalent circuit formulation. , 2016, , .		11
27	Aggregated load and generation equivalent circuit models with semi-empirical data fitting. , 2016, , .		8
28	An equivalent circuit formulation for three-phase power flow analysis of distribution systems. , 2016, , .		17