

Atmaram Gupta

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

435
citations

933447

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h-index

940533

16
g-index

45
all docs

45
docs citations

45
times ranked

239
citing authors

#	ARTICLE	IF	CITATIONS
1	Deployment of Distributed Generation with D-FACTS in Distribution System: A Comprehensive Analytical Review. IETE Journal of Research, 2022, 68, 1195-1212.	2.6	24
2	A novel transient search optimization for optimal allocation of multiple distributed generator in the radial electrical distribution network. International Journal of Emerging Electric Power Systems, 2022, 23, 23-45.	0.8	15
3	Impact of Wind Generation Participation on Congested Power System. Lecture Notes in Electrical Engineering, 2022, , 251-268.	0.4	1
4	Techno-economic analysis of the DNO operated distribution system for active and reactive power support using modified particle swarm optimisation. International Journal of Ambient Energy, 2022, 43, 7061-7076.	2.5	1
5	Electrical Distribution System Analysis with Atom Search Optimization based DG and DSTATCOM Allocation. , 2022, , .		2
6	Analysis of Radial Unbalanced Distribution Network for Different Loading Conditions with DG and D-STATCOM Placement. , 2022, , .		4
7	DG Allocation Using Arithmetic Optimization Algorithm in Radial And Mesh Distribution System. , 2022, , .		6
8	Effective Utilisation of Weakly Meshed Distribution Network with DG and D-STATCOM. Journal of the Institution of Engineers (India): Series B, 2021, 102, 679.	1.9	2
9	A novel approach to increase the share of renewable purchase obligation for planning of distribution network including grid scale energy storage. International Journal of Emerging Electric Power Systems, 2021, 22, 779-806.	0.8	3
10	Optimal Share of DG and DSTATCOM in Distribution Network Using Firefly Algorithm. Lecture Notes in Electrical Engineering, 2021, , 497-508.	0.4	3
11	Application of SVC and STATCOM for Wind Integrated Power System. Lecture Notes in Electrical Engineering, 2021, , 181-192.	0.4	3
12	Overview of Electric Vehicle: Opportunities and Challenges with Smart Grid. Lecture Notes in Electrical Engineering, 2021, , 157-169.	0.4	0
13	Annual Energy Savings with Multiple DG and D-STATCOM Allocation Using PSO in DNO Operated Distribution Network. Advances in Intelligent Systems and Computing, 2019, , 1-10.	0.6	3
14	Reactive power deployment and cost benefit analysis in DNO operated distribution electricity markets with D-STATCOM. Frontiers in Energy, 2019, 13, 86-98.	2.3	16
15	TRAX: Smart Mobile Application to Improve the Safety and Security of Automobile Vehicles. Lecture Notes in Networks and Systems, 2019, , 191-199.	0.7	2
16	Loading Capability Enhancement of Existing Unbalanced Distribution System with Distributed Generation. International Journal of Computing and Digital Systems, 2019, 8, 617-624.	0.7	0
17	Impact of various load models on D-STATCOM allocation in DNO operated distribution network. Procedia Computer Science, 2018, 125, 862-870.	2.0	25
18	Optimal placement of D-STATCOM using sensitivity approaches in mesh distribution system with time variant load models under load growth. Ain Shams Engineering Journal, 2018, 9, 783-799.	6.1	57

#	ARTICLE	IF	CITATIONS
19	Matlab Simulink Based Modeling of Flux Compression Generator. , 2018, , .		0
20	High Voltage and its Applications: A Review. , 2018, , .		5
21	Increasing the Output Power and Efficiency of Solar Panel by Using Concentrator Photovoltaic (CPV) and Low Cost Solar Tracker. , 2018, , .		11
22	Battery Energy Storage System. , 2018, , .		7
23	Smart Stick for the Blind and Visually Impaired People. , 2018, , .		48
24	Harmonic load flow analysis of radial distribution system in presence of distributed generation. , 2017, , .		4
25	Comparison of Deterministic and Probabilistic Radial Distribution Systems Load Flow. Journal of the Institution of Engineers (India): Series B, 2017, 98, 547-556.	1.9	5
26	Impact of DG and D-STATCOM allocation in radial distribution system for reducing harmonics. , 2017, , .		9
27	Performance Analysis of Radial Distribution Systems with UPQC and D-STATCOM. Journal of the Institution of Engineers (India): Series B, 2017, 98, 415-422.	1.9	16
28	Effect of optimal allocation of multiple DG and D-STATCOM in radial distribution system for minimizing losses and THD. , 2017, , .		13
29	Energy Saving Using D-STATCOM Placement in Radial Distribution System under Reconfigured Network. Energy Procedia, 2016, 90, 124-136.	1.8	25
30	Impact of DG and D-STATCOM Placement on Improving the Reactive Loading Capability of Mesh Distribution System. Procedia Technology, 2016, 25, 676-683.	1.1	12
31	Seasonal Loading Impact on Performance of Solar DG for Loss Reduction Based on Capacity Factor. Procedia Technology, 2016, 25, 751-758.	1.1	2
32	Impact of D-STATCOM Placement on Improving the Reactive Loading Capability of Unbalanced Radial Distribution System. Procedia Technology, 2016, 25, 759-766.	1.1	10
33	Optimal placement of D-STATCOM in distribution network using new sensitivity index with probabilistic load models. , 2015, , .		11
34	Optimal D-STATCOM placement in radial distribution system based on power loss index approach. , 2015, , .		13
35	Energy Savings Using D-STATCOM Placement in Radial Distribution System. Procedia Computer Science, 2015, 70, 558-564.	2.0	43
36	An efficient method for D-STATCOM placement in radial distribution system. , 2014, , .		29

#	ARTICLE	IF	CITATIONS
37	Distribution System Analysis with UPQC Allocation Considering Voltage Dependent Time-Variant and Invariant Loads including Load Growth Scenario. Journal of the Institution of Engineers (India): Series B, 0, , 1.	1.9	1
38	Analysis of Unbalanced Radial Distribution System with SVR and Impact of Phase Shifter Angle considering Time Varying Loads. Smart Science, 0, , 1-16.	3.2	1