S K Gupta

List of Publications by Year
in descending order

35 papers	231 citations	1163117 8 h-index	1058476 14 g-index
37 all docs	37 docs citations	37 times ranked	170 citing authors

#	Article	IF	Citations
1	Transmission Congestion Management with FACTS Devices Using SOS Algorithm. Lecture Notes in Electrical Engineering, 2021, , 517-525.	0.4	1
2	Operational strategies and electricity market structure of microgrid: A critical review. Renewable Energy Focus, 2021, 39, 163-171.	4.5	4
3	Enhancing the Performance of Multi Area AGC in Deregulated Environment Tuned with TCPS Using BFO. , 2020, , .		5
4	Voltage Stability Enhancement Using Shunt Devices and Identification of Weak Bus through Voltage Stability Indices. , 2019, , .		5
5	Optimal Location of FACTS Devices for Loadability Enhancement using Gravitational Search Algorithm. , 2019, , .		5
6	An Accurate State Estimation Methodology for a Completely Observable Network with PMU Measurements. , 2019, , .		0
7	Optimal Power-Frequency Control in Deregulated Thermal, Hydro and Hydrothermal Power Systems with AC-DC Links. Recent Advances in Electrical and Electronic Engineering, 2019, 12, 414-424.	0.3	2
8	Effect of FACTS Devices on Congestion Management using Active & Reactive Power Rescheduling. , 2018, , .		2
9	Group search optimiser-based optimal bidding strategies with no Karushâ€"Kuhnâ€"Tucker optimality conditions. Journal of Experimental and Theoretical Artificial Intelligence, 2017, 29, 335-348.	2.8	4
10	Installation of UPFC for enhancing overall performance of electrical power system. Russian Electrical Engineering, 2017, 88, 314-320.	0.6	10
11	Optimal automatic generation control of two-area power systems with energy storage units under deregulated environment. Journal of Renewable and Sustainable Energy, 2017, 9, .	2.0	46
12	Power quality issues in small rating wind generation in weak distribution system. International Journal of Power and Energy Conversion, 2017, 8, 166.	0.3	0
13	MODELING OF A PV ARRAY AND IMPLEMENTATION OF AN EFFICIENT MPPT BASED CONTROL MECHANISM IN STAND-ALONE PHOTOVOLTAIC SYSTEMS. I-manager S Journal on Circuits and Systems, 2017, 5, 51.	0.1	4
14	Improving voltage profile of load bus of wind generation system using DSTATCOM. Journal of Energy in Southern Africa, 2017, 26, 81.	0.8	0
15	Performance enhancement of wind farm with distribution static compensator. , 2016, , .		0
16	Improving voltage profile of load bus of wind generation system using DSTATCOM. Journal of Energy in Southern Africa, 2016, 26, 81.	0.8	1
17	Fault Ride-Through Capability of DSTATCOM for Distributed Wind Generation System. International Journal of Power Electronics and Drive Systems, 2015, 6, 348.	0.6	2
18	Bat Search Algorithm Based Hybrid PSO Approaches to Optimize the Location of UPFC in Power System. International Journal on Electrical Engineering and Informatics, 2015, 7, 475-488.	0.5	1

#	Article	IF	Citations
19	Two-area AGC in interconnected system under the restructured power system using BFO controller. , 2014, , .		7
20	Power trading and congestion management using real power rescheduling. , 2014, , .		2
21	Energy Trading and Congestion Management Using Real and Reactive Power Rescheduling and Load Curtailment. Review of Energy Technologies and Policy Research, 2014, 1, 28-41.	0.3	1
22	Suppressing of gaming in power trading under deregulated environment. , 2012, , .		0
23	Effect of load power factor on DC storage capacity of DVR for power quality improvements in power systems. , 2012, , .		2
24	Reactive power pricing in stressed & unstressed condition with system security in deregulated market. , 2012, , .		0
25	Analysis and control of grid connected wind energy system with DSTATCOM. , 2012, , .		0
26	TCDFs based congestion management using TCSC. , 2012, , .		4
27	BF based integral controller for AGC of multiarea thermal system under deregulated environment. , 2012, , .		5
28	Integration of wind generation system in low voltage distribution system. , 2012, , .		0
29	A Novel Approach for Load Frequency Control of Interconnected Thermal Power Stations. International Journal of Energy Optimization and Engineering, 2012, 1, 85-95.	0.6	14
30	A comparison of two methods for the segmentation of masses in the digital mammograms. Computerized Medical Imaging and Graphics, 2010, 34, 185-191.	5.8	32
31	D-STATCOM Control in Low Voltage Distribution System with Distributed Generation. , 2010, , .		9
32	The Brain MR Image Segmentation Techniques and use of Diagnostic Packages. Academic Radiology, 2010, 17, 658-671.	2.5	22
33	A Compact Defected Ground Microstrip Device with Photonic Bandgap Effects. Journal of Electromagnetic Waves and Applications, 2009, 23, 255-266.	1.6	9
34	Damping subsynchronous resonance in power systems. IET Generation, Transmission and Distribution, 2002, 149, 679.	1.1	20
35	Controlled series compensation in coordination with double order SVS auxiliary controller and induction M/C for repressing the torsional oscillations in power systems. Electric Power Systems Research, 2002, 62, 93-103.	3.6	10