Sanjay Kumar

List of Publications by Year
in descending order

21 papers	260 citations	1307594 7 h-index	1281871 11 g-index
21 all docs	21 docs citations	21 times ranked	183 citing authors

#	ARTICLE	IF	CITATIONS
1	Reactive power management by using a modified differential evolution algorithm. Optimal Control Applications and Methods, 2023, 44, 967-986.	2.1	17
2	Statistical analysis based reactive power optimization using improved differential evolutionary algorithm. Expert Systems, 2023, 40, .	4.5	9
3	Optimal allocation of FACTS controller for Reactive Power Planning. , 2022, , .		0
4	UPFC Modelling for Augmentation of Voltage Stability and Reduction of Active Power Losses. Lecture Notes in Electrical Engineering, 2021, , 431-439.	0.4	1
5	Modified SEIR model for prediction of COVID-19 outbreak trend in India with effectiveness of preventive care. Journal of Statistics and Management Systems, 2021, 24, 135-145.	0.6	4
6	A modified sine cosine algorithm with ensemble search agent updating schemes for small signal stability analysis. International Transactions on Electrical Energy Systems, 2021, 31, e13058.	1.9	27
7	Efficient Operation of Power System with FACTS controllers using Evolutionary Techniques. , 2020, , .		13
8	Moth Flame Optimization based Reactive Power Planning. International Journal of Innovative Technology and Exploring Engineering, 2020, 9, 1528-1533.	0.3	1
9	Active and Reactive Load Ability Improvement using BBO Algorithm with FACTS Devices. International Journal of Innovative Technology and Exploring Engineering, 2020, 9, 157-162.	0.3	1
10	Voltage Stability Augmentation using Shunt FACTS. International Journal of Innovative Technology and Exploring Engineering, 2020, 9, 215-220.	0.3	0
11	Voltage Stability Enhancement Using Shunt Devices and Identification of Weak Bus through Voltage Stability Indices. , 2019, , .		5
12	Optimal Location of FACTS Devices for Loadability Enhancement using Gravitational Search Algorithm. , 2019, , .		5
13	Transmission congestion management with FACTS devices using BBO Algorithm. , 2018, , .		1
14	Congestion management of transmission lines by FACTS devices using Krill herd technique. , 2017, , .		1
15	Approach for the solution of transmission congestion with multiâ€type FACTS devices. IET Generation, Transmission and Distribution, 2016, 10, 2802-2809.	2.5	44
16	Loadability enhancement with FACTS devices using gravitational search algorithm. International Journal of Electrical Power and Energy Systems, 2016, 78, 470-479.	5.5	53
17	Reactive power planning with FACTS devices using gravitational search algorithm. Ain Shams Engineering Journal, 2015, 6, 865-871.	6.1	24
18	Fuzzy-DE approach for the optimal placement of FACTS devices to relief congestion in a power system. , 2014, , .		6

#	Article	IF	Citations
19	UPFC with series and shunt FACTS controllers for the economic operation of a power system. Ain Shams Engineering Journal, 2014, 5, 775-787.	6.1	46
20	Reactive Power Optimization with SVC & TCSC using Genetic Algorithm. Advances in Electrical and Electronic Engineering, 2014, 12, .	0.3	0
21	Comparative study of GA & DE algorithm for the economic operation of a power system using FACTS devices. Archiwum Elektrotechniki, 2013, 62, 541-552.	0.5	2