

Ranjan Kumar Mallick

List of Publications by Year in descending order

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papers

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218
citing authors

#	ARTICLE	IF	CITATIONS
1	PSO-GWO Optimized Fractional Order PID Based Hybrid Shunt Active Power Filter for Power Quality Improvements. IEEE Access, 2020, 8, 74497-74512.	4.2	105
2	Interharmonics based high impedance fault detection in distribution systems using maximum overlap wavelet packet transform and a modified empirical mode decomposition. International Journal of Electrical Power and Energy Systems, 2019, 112, 282-293.	5.5	39
3	Investigation and damping of low frequency oscillations of stochastic solar penetrated power system by optimal dual UPFC. IET Renewable Power Generation, 2019, 13, 376-388.	3.1	28
4	Optimal design of PD-Fuzzy-PID cascaded controller for automatic generation control. Cogent Engineering, 2017, 4, 1416535.	2.2	21
5	Microgrid differential protection scheme using downsampling empirical mode decomposition and Teager energy operator. Electric Power Systems Research, 2019, 173, 173-182.	3.6	21
6	Enhancement of small signal stability of power system using UPFC based damping controller with novel optimized fuzzy PID controller. Journal of Intelligent and Fuzzy Systems, 2018, 35, 501-512.	1.4	20
7	A novel hybrid downsampling and optimized random forest approach for islanding detection and non-islanding power quality events classification in distributed generation integrated system. IET Renewable Power Generation, 2021, 15, 1662-1677.	3.1	19
8	Novel hybrid signal processing approach based on empirical mode decomposition and multiscale mathematical morphology for islanding detection in distributed generation system. IET Generation, Transmission and Distribution, 2020, 14, 6715-6725.	2.5	11
9	Harmonic Distortion Minimization in Power System Using Differential Evolution Based Active Power Filters. Recent Advances in Computer Science and Communications, 2022, 15, 186-195.	0.7	7
10	Dynamic Stability Improvement of a Variable Wind Integrated Power System by Fractional Parallel SSSC Controller. , 2020, , .		6
11	Microgrid protection using iterative filtering. International Transactions on Electrical Energy Systems, 2020, 30, e12207.	1.9	2
12	Application of Fuzzy-PIDF Controller for Automatic Generation Control Using Termite Correlation PSO Algorithm. International Review of Automatic Control, 2017, 10, 380.	0.3	2
13	Islanding Detection with Empirical Mode Decomposition and Random Subspace Oriented K th Nearest Neighbour. , 2021, , .		2
14	Accurate estimation of modern power system harmonics using a novel LSA hybridized recursive least square technique. International Journal of Emerging Electric Power Systems, 2022, 23, 767-778.	0.8	2
15	Fault Classification in Transmission Line Using Empirical Mode Decomposition and Support Vector Machine. Lecture Notes in Networks and Systems, 2022, , 163-171.	0.7	2
16	Fault Detection in Transmission Line Using Empirical Mode Decomposition and High Speed Decision Tree. , 2021, , .		1
17	Estimation of harmonics in VSI-fed induction motor drives using Kalman filtering algorithm and extended Kalman filtering algorithm. International Journal of Power and Energy Conversion, 2015, 6, 326.	0.3	0
18	Frequency Regulation of Electric Vehicles Integrated Multi-area Power System Under Deregulated Scenario Using Novel Dual Mode Controller. Lecture Notes in Electrical Engineering, 2020, , 89-108.	0.4	0

#	ARTICLE	IF	CITATIONS
19	Frequency regulation of wind energy integrated power system using a novel optimized type II fuzzy tilted integral derivative controller. International Journal of Emerging Electric Power Systems, 2021, .	0.8	0