

Vaskar Sarkar

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

117
citations

1683934

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1372474

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27
all docs

27
docs citations

27
times ranked

112
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced real-time power balancing of an AC microgrid through transiently coupled droop control. IET Generation, Transmission and Distribution, 2017, 11, 1933-1942.	1.4	22
2	Reactive Power Constrained OPF Scheduling With 2-D Locational Marginal Pricing. IEEE Transactions on Power Systems, 2013, 28, 503-512.	4.6	15
3	Implementation of lossy FTRs for perfect risk hedging under the marginal loss pricing. IET Generation, Transmission and Distribution, 2017, 11, 166-173.	1.4	12
4	Active distribution network load flow analysis through non-repetitive FBS iterations with integrated DG and transformer modelling. IET Generation, Transmission and Distribution, 2019, 13, 478-484.	1.4	9
5	Optimal wide area control of a power system with limited measurements. , 2015, , .		6
6	The quantum-mode regulated power point tracking in a photovoltaic array for application under the quantised converter duty ratio. IET Renewable Power Generation, 2021, 15, 1748-1764.	1.7	6
7	Generalised analytical framework for the stability studies of an AC microgrid. Journal of Engineering, 2016, 2016, 171-179.	0.6	5
8	LPPT control of a photovoltaic system against sudden drop of irradiance. , 2017, , .		5
9	Practical supplementary controller design for the bi-layer WAC architecture through structurally constrained H_2 norm optimisation. IET Generation, Transmission and Distribution, 2019, 13, 1095-1103.	1.4	5
10	Designing a Generic Multi-Modality Processing Adapter for the Practical Implementation of the Photovoltaic Regulated Power Point Tracking under the Partial Shading. Electric Power Systems Research, 2022, 208, 107806.	2.1	5
11	Design and performance analysis of wide area controller in the presence of multiple load types. , 2016, , .		3
12	Integrated energy and transmission pricing. , 2016, , .		3
13	A comparative study on phasor and frequency measurement techniques in power systems. , 2016, , .		3
14	LPPT control of a photovoltaic system under partially shaded condition. , 2016, , .		3
15	An enhanced 2-D locational marginal pricing with FACTS devices under variable bus voltage profile. , 2017, , .		3
16	Transient Instability Mitigation via Repetitive Corrective Actions Based Upon the Real-Time Macrocoherency Evaluation. IEEE Systems Journal, 2020, 14, 5084-5095.	2.9	3
17	Implementation of zonal pricing for a large power system by employing phase shifting transformers. , 2015, , .		2
18	Real-time transient instability detection using frequency trend vector in wide area monitoring system. , 2016, , .		2

#	ARTICLE	IF	CITATIONS
19	Designing option FTRs for the lossy FTR system. IET Generation, Transmission and Distribution, 2018, 12, 2132-2139.	1.4	2
20	A simplified OPF framework for an integrated AC and multi-terminal HVDC system. , 2017, , .		1
21	A Case Study on Clustering Methods Applied to Identification of Generator Coherency for Controlled Islanding. , 2019, , .		1
22	Marginal Loss Modeling Based DCOPF and LMP Calculations for an Integrated AC and Multi-Terminal HVDC System. IEEE Transactions on Power Systems, 2021, 36, 1867-1878.	4.6	1
23	LPPT Control of a Dual-Stage Grid Connected Multi-String Photovoltaic System. , 2017, , .		0
24	A Combined Energy and Transmission Pricing Scheme under ACOPF Framework. , 2018, , .		0
25	A Minimalistic Approach for Wide-Area Out-of-Step Identification. , 2018, , .		0
26	An Improved Forward-Backward Sweep Technique for the Load Flow Analysis of a Distribution Network with Accurate Modeling of Zero Sequence Voltages. , 2018, , .		0
27	Application of recurrent corrective control for the transient instability mitigation in a synchronous interconnection with multiple control areas. Electric Power Systems Research, 2021, 201, 107520.	2.1	0