

T S Bhatti

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7481509/publications.pdf>

Version: 2024-02-01

32
papers

438
citations

1040056

9
h-index

1125743

13
g-index

32
all docs

32
docs citations

32
times ranked

364
citing authors

#	ARTICLE	IF	CITATIONS
1	Load Frequency Control of an Isolated Small-Hydro Power Plant With Reduced Dump Load. IEEE Transactions on Power Systems, 2006, 21, 1912-1919.	6.5	90
2	Performance Investigation of Isolated Windâ Diesel Hybrid Power Systems With WECS Having PMIG. IEEE Transactions on Industrial Electronics, 2013, 60, 1630-1637.	7.9	73
3	Modeling of HVDC Tie Links and Their Utilization in AGC/LFC Operations of Multiarea Power Systems. IEEE Transactions on Industrial Electronics, 2019, 66, 2185-2197.	7.9	66
4	Sampled-data Automatic Load Frequency Control of a Single Area Power System with Multi-source Power Generation. Electric Power Components and Systems, 2007, 35, 955-980.	1.8	32
5	Automatic generation control of single area power system with multi-source power generation. Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy, 2008, 222, 1-11.	1.4	25
6	Discrete Data AGC of Hydrothermal Systems Under Varying Turbine Time Constants Along With the Power System Loading Conditions. IEEE Transactions on Industry Applications, 2017, 53, 4998-5013.	4.9	24
7	Load Frequency Control of an Isolated Small Hydro Power Plant Using Multi-pipe Scheme. Electric Power Components and Systems, 2011, 39, 46-63.	1.8	23
8	Improved Gaussian Filter Based Solar PV-BES Microgrid With PLL Based Islanding Detection and Seamless Transfer Control. IEEE Transactions on Industrial Electronics, 2022, 69, 5815-5825.	7.9	18
9	Optimal hybrid power system design using HOMER. , 2012, , .		14
10	A Transient Stability Tool Combining the SIME Method with MATLAB and SIMULINK. International Journal of Electrical Engineering and Education, 2006, 43, 119-133.	0.8	12
11	Study of autonomous hybrid power system using SVC and STATCOM. , 2009, , .		11
12	Study the effect of system parameters on controller gains for discrete AGC of hydro-thermal system. , 2015, , .		8
13	A GUI based simulation of power electronic converters and reactive power compensators using MATLAB/SIMULINK. , 0, , .		7
14	MAF-DCCI Based Single-Phase Uninterrupted PV-Battery System Under Unintentional Islanding. IEEE Transactions on Energy Conversion, 2022, 37, 36-49.	5.2	7
15	Power Control of Wind-Biogas-PV based Hybrid System. , 2018, , .		4
16	Adaptive Load Frequency Control of a Grid Connected Solar PV System. , 2019, , .		4
17	Modelling and Dynamic Stability Study of Interconnected System of Renewable Energy Sources and Grid for Rural Electrification. International Journal of Emerging Electric Power Systems, 2019, 20, .	0.8	3
18	Frequency Regulation Scheme Based on Virtual Synchronous Generator for an Isolated Microgrid. , 2020, , .		3

#	ARTICLE	IF	CITATIONS
19	Transient stability analysis of power system using BCU method and ray technique. , 2012, , .		2
20	Automatic voltage control by load side converter of DFIG in wind-biomass isolated hybrid power system. , 2014, , .		2
21	Utilizing HVDC links as a energy storing device in AGC operation of hydro-thermal-gas based interconnected power systems. , 2017, , .		2
22	Dynamic Stability Study of Isolated Rural Microgrid Based on Load Characteristics. , 2020, , .		2
23	Mitigation/suppression techniques of very fast transient over voltages of a gas insulated substation. , 2016, , .		1
24	Effect of DC link discharge resistor on transient stability of DFIG wind generator. , 2016, , .		1
25	Real-time automatic generation control considering communication delays using linear matrix inequalities. , 2016, , .		1
26	Voltage and frequency control in a Wind-PV-Biogas based rural micro grid with limited grid operation. , 2016, , .		1
27	Design and Control of a Multifunctional Grid-Connected Battery Energy Storage with Enhanced Performance Using SOGI. Journal of the Institution of Engineers (India): Series B, 2019, 100, 321-332.	1.9	1
28	Interconnection of Rural Microgrids and its Control. IETE Journal of Research, 2023, 69, 1705-1714.	2.6	1
29	New optimization criterion for load frequency control of power system. , 2016, , .		0
30	AGC of hydro-thermal power system under constant and sliding pressure operating modes at different loading conditions. , 2017, , .		0
31	MAF-SOGI-PLL based Single-Phase Multimode PV-Battery System with Improved Power Quality. , 2018, , .		0
32	Improved Laplacian Kernel Filter based Control of Multifunctional PV System with Enhanced Power Quality. , 2018, , .		0