

T S Bhatti

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11822356/publications.pdf>

Version: 2024-02-01

22
papers

247
citations

840776

11
h-index

1058476

14
g-index

22
all docs

22
docs citations

22
times ranked

215
citing authors

#	ARTICLE	IF	CITATIONS
1	MATLAB/Simulink-Based Transient Stability Analysis of a Multimachine Power System. International Journal of Electrical Engineering and Education, 2002, 39, 320-336.	0.8	33
2	Wind Energy Conversion Systems as a Distributed Source of Generation. Journal of Energy Engineering - ASCE, 2003, 129, 69-80.	1.9	26
3	Automatic Reactive Power Control of Isolated Wind-Diesel Hybrid Power Systems for Variable Wind Speed/Slip. Electric Power Components and Systems, 2004, 32, 901-912.	1.8	24
4	Dynamics and control of isolated wind-diesel power systems. International Journal of Energy Research, 1995, 19, 729-740.	4.5	22
5	Study of an isolated wind-diesel hybrid power system with STATCOM by incorporating a new mathematical model of PMIG. European Transactions on Electrical Power, 2012, 22, 351-363.	1.0	22
6	Reactive Power Control of Autonomous Wind-Diesel Hybrid Power Systems Using Simulink. Electric Power Components and Systems, 2007, 35, 1345-1366.	1.8	20
7	Decentralized energy planning model for optimum resource allocation with a case study of the domestic sector of rurals in Nepal. International Journal of Energy Research, 1991, 15, 71-78.	4.5	19
8	Indian Scenario of Wind Energy: Problems and Solutions. Energy Sources Part A Recovery, Utilization, and Environmental Effects, 2004, 26, 811-819.	0.5	15
9	Performance of Statcom in an Isolated Wind-Diesel Hybrid Power System. International Journal of Green Energy, 2011, 8, 163-172.	3.8	15
10	Control of reactive power of autonomous wind-diesel hybrid power systems. , 2010, , .		14
11	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
12	Wind Energy in India: Shifting Paradigms and Challenges Ahead. Journal of Energy Engineering - ASCE, 2004, 130, 67-80.	1.9	11
13	Automatic Power Control of a Wind-Hydro-Grid based Interconnected System for Rural Electrification. , 2018, , .		5
14	Compensation of Reactive Power of Isolated Wind-Diesel Hybrid Power Systems. Journal of the Institution of Engineers (India): Series B, 2012, 93, 1-6.	1.9	3
15	TRANSIENT STABILITY ANALYSIS OF POWER SYSTEM USING CATASTROPHE THEORY INCLUDING FIELD FLUX DECAY EFFECT. Electric Power Components and Systems, 1998, 26, 453-464.	0.1	2
16	A new load frequency control technique for an isolated small hydropower plant. Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy, 2007, 221, 51-57.	1.4	2
17	Generalised approach for finding crossing point in power system transient stability boundary. , 2014, , .		1
18	Transient stability study in solar photovoltaic-wind plant based multimachine system. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
19	Generalised approach for finding crossing point in power system transient stability boundary. , 2014, , .		0
20	Parameter dependent invariant manifolds to construct approximate slow and fast models of a multi machine power system. , 2016, , .		0
21	Frozen Riccati Equation method for voltage regulation in multi machine power system. , 2016, , .		0
22	Performance analysis of building integrated with photovoltaic thermal system and traditional rooftop photovoltaic system. , 2017, , .		0