T S Bhatti

List of Publications by Year
in descending order

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22	247	840776 11	1058476 14
papers	citations	h-index	g-index

22	22	22	215
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Automatic Power Control of a Wind-Hydro-Grid based Interconnected System for Rural Electrification. , 2018, , .		5
2	Transient stability study in solar photovoltaic-wind plant based multimachine system. , 2017, , .		1
3	Performance analysis of building integrated with photovoltaic thermal system and traditional rooftop photovoltaic system. , 2017, , .		0
4	Parameter dependent invariant manifolds to construct approximate slow and fast models of a multi machine power system. , 2016, , .		0
5	Frozen Riccati Equation method for voltage regulation in multi machine power system. , 2016, , .		0
6	Generalised approach for finding crossing point in power system transient stability boundary. , 2014, , .		1
7	Generalised approach for finding crossing point in power system transient stability boundary. , 2014, , .		0
8	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
9	Study of an isolated windâ€“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
10	Performance of Statcom in an Isolated Windâ€“Diesel Hybrid Power System. International Journal of Green Energy, 2011, 8, 163-172.	3.8	15
11	Control of reactive power of autonomous wind-diesel hybrid power systems. , 2010, , .		14
12	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
13	Reactive Power Control of Autonomous Wind-Diesel Hybrid Power Systems Using Simulink. Electric Power Components and Systems, 2007, 35, 1345-1366.	1.8	20
14	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
15	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
16	Wind Energy in India: Shifting Paradigms and Challenges Ahead. Journal of Energy Engineering - ASCE, 2004, 130, 67-80.	1.9	11
17	Indian Scenario of Wind Energy: Problems and Solutions. Energy Sources Part A Recovery, Utilization, and Environmental Effects, 2004, 26, 811-819.	0.5	15
18	Wind Energy Conversion Systems as a Distributed Source of Generation. Journal of Energy Engineering - ASCE, 2003, 129, 69-80.	1.9	26

#	Article	IF	Citations
19	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
20	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
21	Dynamics and control of isolated wind-diesel power systems. International Journal of Energy Research, 1995, 19, 729-740.	4.5	22
22	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