

Jiaqi Liang

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

968
citations

1307594

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h-index

1588992

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20
docs citations

20
times ranked

912
citing authors

#	ARTICLE	IF	CITATIONS
1	Feed-Forward Transient Current Control for Low-Voltage Ride-Through Enhancement of DFIG Wind Turbines. IEEE Transactions on Energy Conversion, 2010, 25, 836-843.	5.2	215
2	Intelligent Local Area Signals Based Damping of Power System Oscillations Using Virtual Generators and Approximate Dynamic Programming. IEEE Transactions on Smart Grid, 2013, 4, 498-508.	9.0	139
3	Wide-Area Measurement Based Dynamic Stochastic Optimal Power Flow Control for Smart Grids With High Variability and Uncertainty. IEEE Transactions on Smart Grid, 2012, 3, 59-69.	9.0	133
4	Increased Wind Revenue and System Security by Trading Wind Power in Energy and Regulation Reserve Markets. IEEE Transactions on Sustainable Energy, 2011, 2, 340-347.	8.8	117
5	Effects of variable solar irradiance on the reactive power compensation for large solar farm. , 2010, , .		113
6	Feedforward Transient Compensation Control for DFIG Wind Turbines During Both Balanced and Unbalanced Grid Disturbances. IEEE Transactions on Industry Applications, 2013, 49, 1452-1463.	4.9	98
7	Two-Level Dynamic Stochastic Optimal Power Flow Control for Power Systems With Intermittent Renewable Generation. IEEE Transactions on Power Systems, 2013, 28, 2670-2678.	6.5	35
8	Adaptive Critic Design-Based Dynamic Stochastic Optimal Control Design for a Microgrid With Multiple Renewable Resources. IEEE Transactions on Smart Grid, 2015, 6, 2694-2703.	9.0	25
9	Direct transient control of wind turbine driven DFIG for low voltage ride-through. , 2009, , .		17
10	Pumped storage hydro-plant models for system transient and long-term dynamic studies. , 2010, , .		14
11	Adaptive critic design based dynamic optimal power flow controller for a smart grid. , 2011, , .		12
12	Control of receiver temperature and shaft speed in dish-Stirling solar power plants to meet grid integration requirements. , 2010, , .		10
13	Computational intelligence for control of wind turbine generators. , 2011, , .		10
14	Feed-forward transient compensation control for DFIG wind generators during both balanced and unbalanced grid disturbances. , 2011, , .		10
15	Comparison of TDNN and RNN performances for neuro-identification on small to medium-sized power systems. , 2011, , .		8
16	An Optimization Design Method of Actively Shielded MRI Superconducting Magnets With Robustness Analysis. IEEE Transactions on Applied Superconductivity, 2009, 19, 1282-1285.	1.7	6
17	Dynamic system eigenvalue extraction using a linear echo state network for small-signal stability analysis - a novel application. , 2010, , .		3
18	Load profile partitioning and dynamic reactive power optimization. , 2010, , .		2

#	ARTICLE	IF	CITATIONS
19	Dynamic stochastic optimal power flow control for intelligent coordination of grid-connected energy systems. , 2012, , .		1
20	The impact of trading wind power in energy-and-reserve market on power system dynamic control. , 2013, , .		0