Haishun Sun

List of Publications by Year
in descending order

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		1163117	839539
27	356	8	18
papers	citations	h-index	g-index

27	27	27	415
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Discrete-Time State-Space Construction Method for SSO Analysis of Renewable Power Generation Integrated AC/DC Hybrid System. IEEE Transactions on Power Systems, 2022, 37, 2322-2334.	6.5	5
2	Complete Provision of MPC-Based LFC By Electric Vehicles With Inertial and Droop Support from DFIG-Based Wind Farm. IEEE Transactions on Power Delivery, 2022, 37, 716-726.	4.3	15
3	Discrete-Time Domain Modal Analysis of Oscillatory Stability of Renewables Integrated Power Systems. IEEE Transactions on Power Delivery, 2022, 37, 4248-4260.	4.3	2
4	Research on Mechanism and Damping Control Strategy of DFIG-Based Wind Farm Grid-Connected System SSR Based on the Complex Torque Method. Electronics (Switzerland), 2021, 10, 1640.	3.1	8
5	Research on fast response criterion of power grid distributed loads after HVDC block fault. IET Generation, Transmission and Distribution, 2020, 14, 6230-6238.	2.5	2
6	Suppression Effect of TCSC on Sub-Synchronous Oscillation of Grid Integrated DFIG. , 2020, , .		0
7	Characteristics of subâ€synchronous interaction among Dâ€PMSGâ€based wind turbines. Journal of Engineering, 2019, 2019, 1434-1438.	1.1	2
8	Study on subsynchronous oscillation in Dâ€PMSGsâ€based wind farm integrated to power system. IET Renewable Power Generation, 2019, 13, 16-26.	3.1	45
9	Analysis of SSR characteristics in DFIGs based wind farm integrated to a seriesâ€compensated network. Journal of Engineering, 2019, 2019, 4858-4863.	1.1	1
10	Investigation of SSO characteristics in gridâ€connected PMSGs system. Journal of Engineering, 2019, 2019, 5001-5006.	1.1	1
11	Investigation on SSCI between PMSGsâ€based wind farm and AC network. IET Renewable Power Generation, 2019, 13, 2958-2965.	3.1	5
12	Analysis of control interaction between Dâ€PMSGsâ€based wind farm and SVC. Journal of Engineering, 2019, 2019, 1266-1270.	1.1	3
13	A Novel DVR-ESS-Embedded Wind-Energy Conversion System. IEEE Transactions on Sustainable Energy, 2018, 9, 1265-1274.	8.8	38
14	Distributed Cooperative Control and Stability Analysis of Multiple DC Electric Springs in a DC Microgrid. IEEE Transactions on Industrial Electronics, 2018, 65, 5611-5622.	7.9	101
15	Robust Load Frequency Control with Electric Vehicles in the Grid. , 2018, , .		0
16	SSCI Problem of D-PMSGs Based Wind Farm Considering Frequency Characteristics of Grid Impedance. , 2018, , .		3
17	Perturbation compensationâ€based nonâ€linear adaptive control of ESSâ€DVR for the LVRT capability improvement of wind farms. IET Renewable Power Generation, 2018, 12, 1500-1507.	3.1	32
18	Nonlinear Synergetic Governor Controllers for Steam Turbine Generators to Enhance Power System Stability. Energies, 2017, 10, 1092.	3.1	6

#	Article	IF	Citations
19	Optimal Placement of PMUs Using Adaptive Genetic Algorithm Considering Measurement Redundancy. International Journal of Reliability, Quality and Safety Engineering, 2016, 23, 1640001.	0.6	11
20	A simulation study of the influence of magnetizing inrush current and sympathetic inrush current of converter transformers. , 2016, , .		2
21	Applying highâ€voltage direct current emergency control to suppress the peak value of ultraâ€highâ€voltage tieâ€line power oscillation. IET Generation, Transmission and Distribution, 2015, 9, 2485-2492.	2.5	8
22	DC voltage control and power dispatch study of a five-terminal DC grid based on average-value VSC model. , 2014, , .		1
23	Improved Complex Torque Coefficient Method Using CPCM for Multi-Machine System SSR Analysis. IEEE Transactions on Power Systems, 2014, 29, 2060-2068.	6.5	35
24	An investigation of the persistence property of wind power time series. Science China Technological Sciences, 2014, 57, 1578-1587.	4.0	3
25	A practical method to construct network state equations in multi-machine system SSR study. Electric Power Systems Research, 2014, 107, 51-58.	3.6	8
26	Participation of large-scale wind power generation in power system frequency regulation. Science Bulletin, 2013, 58, 4557-4565.	1.7	6
27	LCC based MTDC for grid integration of large onshore wind farms in Northwest China. , 2011, , .		13