Xiao Wang

List of Publications by Year
in descending order

19 papers	455 citations	1307594 7 h-index	1125743 13 g-index
19 all docs	19 docs citations	19 times ranked	456 citing authors

#	Article	IF	Citations
1	Frequency regulation and congestion management by Virtual Storage Plants. Sustainable Energy, Grids and Networks, 2022, 29, 100586.	3.9	10
2	Virtual Storage Plant Aggregating Electrical Energy Storages and HVAC Systems Providing Regulating Reserve and Voltage Regulation. IFAC-PapersOnLine, 2021, 54, 1-7.	0.9	3
3	Distributed Control of Virtual Storage Plants for Grid Service Provision. , 2021, , .		0
4	Wireless sensor network model with uncertain delay and packet loss based on intelligent fuzzy system. Journal of Intelligent and Fuzzy Systems, 2020, 39, 1581-1590.	1.4	1
5	Electro-mechanical Modeling of Wind Turbine and Energy Storage Systems with Enhanced Inertial Response. Journal of Modern Power Systems and Clean Energy, 2020, 8, 820-830.	5.4	19
6	Optimal Pitch Control Design With Disturbance Rejection for the Controls Advanced Research Turbine. Journal of Solar Energy Engineering, Transactions of the ASME, 2019, 141, .	1.8	2
7	Comprehensive frequency regulation scheme for permanent magnet synchronous generator—based wind turbine generation system. IET Renewable Power Generation, 2019, 13, 234-244.	3.1	20
8	Robust Model Reference Adaptive Control Design for Wind Turbine Speed Regulation Simulated by Using <i>FAST</i>. Journal of Energy Engineering - ASCE, 2018, 144, .	1.9	7
9	State-of-the-art review on frequency response of wind power plants in power systems. Journal of Modern Power Systems and Clean Energy, 2018, 6, 1-16.	5.4	189
10	Improved Continuation Power Flow Calculation Method Based on Coordinated Combination of Parameterization. , 2018, , .		4
11	Implementations and Evaluations of Wind Turbine Inertial Controls With FAST and Digital Real-Time Simulations. IEEE Transactions on Energy Conversion, 2018, 33, 1805-1814.	5.2	28
12	Coordinated Control Strategy of Battery Energy Storage System and PMSG-WTG to Enhance System Frequency Regulation Capability. IEEE Transactions on Sustainable Energy, 2017, 8, 1330-1343.	8.8	118
13	Elongation prediction of steel-strips in annealing furnace with deep learning via improved incremental extreme learning machine. International Journal of Control, Automation and Systems, 2017, 15, 1466-1477.	2.7	6
14	Adaptive LQR control with Kalman filter for the variable-speed wind turbine in Region II. , 2017, , .		2
15	Evaluation of different inertial control methods for variable—speed wind turbines simulated by fatigue, aerodynamic, structures and turbulence (FAST). IET Renewable Power Generation, 2017, 11, 1534-1544.	3.1	16
16	Improved inertial control for permanent magnet synchronous generator wind turbine generators. IET Renewable Power Generation, 2016, 10, 1366-1373.	3.1	30
17	An improved extreme learning algorithm based on truncated singular value decomposition. , 2015, , .		0
18	Research on multiple features of sEMG combination and dimension reduction. , 2015, , .		0

#	Article	IF	Citations
19	The modeling for pellets induration process based on Bagging method. , 2014, , .		0