Xi Wu

List of Publications by Year
in descending order

28 papers	355 citations	687363 13 h-index	794594 19 g-index
28 all docs	28 docs citations	28 times ranked	393 citing authors

#	ARTICLE	IF	CITATIONS
1	Distributed Secondary Control for Islanded Microgrids With Mobile Emergency Resources. IEEE Transactions on Power Systems, 2020, 35, 1389-1399.	6.5	44
2	Data-Driven Wide-Area Model-Free Adaptive Damping Control With Communication Delays for Wind Farm. IEEE Transactions on Smart Grid, 2020, 11, 5062-5071.	9.0	36
3	Model-Free Adaptive Control of STATCOM for SSO Mitigation in DFIG-Based Wind Farm. IEEE Transactions on Power Systems, 2021, 36, 5282-5293.	6.5	30
4	Mitigation of Power System Forced Oscillations: An E-STATCOM Approach. IEEE Access, 2018, 6, 31599-31608.	4.2	27
5	Transactive Energy Trading in Reconfigurable Multi-carrier Energy Systems. Journal of Modern Power Systems and Clean Energy, 2020, 8, 67-76.	5.4	21
6	Robust Design Method for the SSDC of a DFIG Based on the Practical Small-Signal Stability Region Considering Multiple Uncertainties. IEEE Access, 2018, 6, 16696-16703.	4.2	20
7	Mitigation of power system forced oscillations based on unified power flow controller. Journal of Modern Power Systems and Clean Energy, 2019, 7, 99-112.	5.4	18
8	Distributed Cooperative Scheme for Forced Oscillation Location Identification in Power Systems. IEEE Transactions on Power Systems, 2020, 35, 374-384.	6.5	18
9	Optimal Real-Time Scheduling of Wind Integrated Power System Presented with Storage and Wind Forecast Uncertainties. Energies, 2015, 8, 1080-1100.	3.1	17
10	Method to suppress sub-synchronous oscillation of DFIG-based wind farms based on virtual impedance. Journal of Engineering, 2017, 2017, 2173-2177.	1.1	16
11	Robust design method for power oscillation damping controller of STATCOM based on residue and TLS-ESPRIT. International Transactions on Electrical Energy Systems, 2014, 24, 1385-1400.	1.9	14
12	Distributed Coordination Load Shedding of Islanded Microgrids Based on Sub-Gradient Algorithm. IEEE Access, 2017, 5, 27879-27886.	4.2	14
13	Low-cost control strategy based on reactive power regulation of DFIG-based wind farm for SSO suppression. IET Renewable Power Generation, 2019, 13, 33-39.	3.1	14
14	Suppression of power system forced oscillations based on PSS with proportional-resonant controller. International Transactions on Electrical Energy Systems, 2017, 27, e2328.	1.9	13
15	Preventive Security-Constrained Optimal Power Flow Considering UPFC Control Modes. Energies, 2017, 10, 1199.	3.1	11
16	Multiagent-Based Distributed Load Shedding for Islanded Microgrids. Energies, 2014, 7, 6050-6062.	3.1	9
17	Reactive power control strategy of DFIG-based wind farm to mitigate SSO. Journal of Engineering, 2017, 2017, 1290-1294.	1.1	7
18	An SSR multichannel damping control scheme for TCSC considering multiple operating conditions. International Transactions on Electrical Energy Systems, 2016, 26, 2759-2773.	1.9	5

#	Article	IF	Citations
19	A Novel UPFC Model and its Convexification for Security-Constrained Economic Dispatch. IEEE Transactions on Power Systems, 2022, 37, 4202-4213.	6.5	5
20	A dual timescale active power coordinated scheduling framework for wind integrated power system in the presence of storage and wind forecast uncertainties. International Transactions on Electrical Energy Systems, 2016, 26, 2322-2336.	1.9	4
21	Damping forced oscillations in power system via interline power flow controller with additional repetitive control. Protection and Control of Modern Power Systems, 2021, 6, .	7.5	4
22	Stability Analysis of Integrated Wind Power System Based on Zeros Identification of Reduced-Order Impedance Model in Sub-Bands. IEEE Transactions on Sustainable Energy, 2022, 13, 427-439.	8.8	3
23	Suppression of Multi-machine Subsynchronous Oscillation Based On Generalized Phase Compensation Method. , 2019, , .		2
24	Application of flexible alternating-current transmission system in Jiangsu power grid. , 2017, , .		1
25	An Improved Power Injection Model for UPFC Considering its Special Topology. , 2017, , .		1
26	Mitigating Subsynchronous Oscillation Using Adaptive Virtual Impedance Controller in DFIG Wind Farms. , 2021, , .		1
27	A UPFC Supplementary Control Method for Suppressing LFO of Resonance Mechanism. , 2017, , .		0
28	Analysis and Mitigation of Subsynchronous Oscillation Based on Nonlinearity Dominant Mode Index. , 2017, , .		0