

Xi Wu

List of Publications by Year in descending order

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393
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	A Novel UPFC Model and its Convexification for Security-Constrained Economic Dispatch. IEEE Transactions on Power Systems, 2022, 37, 4202-4213.	6.5	5
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	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
5	Mitigating Subsynchronous Oscillation Using Adaptive Virtual Impedance Controller in DFIG Wind Farms. , 2021, , .		1
6	Distributed Cooperative Scheme for Forced Oscillation Location Identification in Power Systems. IEEE Transactions on Power Systems, 2020, 35, 374-384.	6.5	18
7	Distributed Secondary Control for Islanded Microgrids With Mobile Emergency Resources. IEEE Transactions on Power Systems, 2020, 35, 1389-1399.	6.5	44
8	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
9	Transactive Energy Trading in Reconfigurable Multi-carrier Energy Systems. Journal of Modern Power Systems and Clean Energy, 2020, 8, 67-76.	5.4	21
10	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
11	Suppression of Multi-machine Subsynchronous Oscillation Based On Generalized Phase Compensation Method. , 2019, , .		2
12	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
13	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
14	Mitigation of Power System Forced Oscillations: An E-STATCOM Approach. IEEE Access, 2018, 6, 31599-31608.	4.2	27
15	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
16	Distributed Coordination Load Shedding of Islanded Microgrids Based on Sub-Gradient Algorithm. IEEE Access, 2017, 5, 27879-27886.	4.2	14
17	Reactive power control strategy of DFIG-based wind farm to mitigate SSO. Journal of Engineering, 2017, 2017, 1290-1294.	1.1	7
18	Method to suppress subsynchronous oscillation of DFIG-based wind farms based on virtual impedance. Journal of Engineering, 2017, 2017, 2173-2177.	1.1	16

#	ARTICLE	IF	CITATIONS
19	Application of flexible alternating-current transmission system in Jiangsu power grid. , 2017, , .		1
20	A UPFC Supplementary Control Method for Suppressing LFO of Resonance Mechanism. , 2017, , .		0
21	Analysis and Mitigation of Subsynchronous Oscillation Based on Nonlinearity Dominant Mode Index. , 2017, , .		0
22	An Improved Power Injection Model for UPFC Considering its Special Topology. , 2017, , .		1
23	Preventive Security-Constrained Optimal Power Flow Considering UPFC Control Modes. Energies, 2017, 10, 1199.	3.1	11
24	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
25	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
26	Optimal Real-Time Scheduling of Wind Integrated Power System Presented with Storage and Wind Forecast Uncertainties. Energies, 2015, 8, 1080-1100.	3.1	17
27	Multiagent-Based Distributed Load Shedding for Islanded Microgrids. Energies, 2014, 7, 6050-6062.	3.1	9
28	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