

# Jinyu Wen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2532800/publications.pdf>

Version: 2024-02-01

369  
papers

10,581  
citations

34493

54  
h-index

51423

90  
g-index

382  
all docs

382  
docs citations

382  
times ranked

6778  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved Communication-Free Coordinated Control of VSC-MTDC Integrated Offshore Wind Farms for Onshore System Frequency Support. IEEE Transactions on Power Delivery, 2024, , 1-13.	2.9	5
2	Resilient Distributed Control Against Destabilization Attacks in DC Microgrids. IEEE Transactions on Power Systems, 2023, 38, 371-384.	4.6	5
3	Resilience Assessment for Power Systems Under Sequential Attacks Using Double DQN With Improved Prioritized Experience Replay. IEEE Systems Journal, 2023, 17, 1865-1876.	2.9	1
4	Active Energy Control for Enhancing AC Fault Ride-Through Capability of MMC-HVDC Connected With Offshore Wind Farms. IEEE Transactions on Power Systems, 2023, 38, 2705-2718.	4.6	10
5	PI Consensus-Based Integrated Distributed Control of MMC-MTDC Systems. IEEE Transactions on Power Systems, 2023, 38, 2333-2347.	4.6	1
6	Adaptive Dual Droop Control of MTDC Integrated Offshore Wind Farms for Fast Frequency Support. IEEE Transactions on Power Systems, 2023, 38, 2525-2538.	4.6	8
7	Partial-Dimensional Correlation-Aided Convex-Hull Uncertainty Set for Robust Unit Commitment. IEEE Transactions on Power Systems, 2023, 38, 2434-2446.	4.6	4
8	Resilience-Oriented Co-Deployment of Remote- Controlled Switches and Soft Open Points in Distribution Networks. IEEE Transactions on Power Systems, 2023, 38, 1350-1365.	4.6	22
9	Distributed Cooperative Control of Offshore Wind Farms Integrated via MTDC System for Fast Frequency Support. IEEE Transactions on Industrial Electronics, 2023, 70, 4693-4704.	5.2	13
10	Active Fault Current Limitation for Low-Voltage Ride-Through of Networked Microgrids. IEEE Transactions on Power Delivery, 2022, 37, 980-992.	2.9	7
11	A Tri-Level Planning Approach to Resilient Expansion and Hardening of Coupled Power Distribution and Transportation Systems. IEEE Transactions on Power Systems, 2022, 37, 1495-1507.	4.6	22
12	Resilient DC Voltage Control for Islanded Wind Farms Integration Using Cascaded Hybrid HVDC System. IEEE Transactions on Power Systems, 2022, 37, 1054-1066.	4.6	16
13	Impact of Strength and Proximity of Receiving AC Systems on Cascaded LCC-MMC Hybrid HVDC System. IEEE Transactions on Power Delivery, 2022, 37, 880-892.	2.9	18
14	An Improved DC Line Fault Detection Scheme Using Zone Partition for MTDC Wind Power Integration Systems. IEEE Transactions on Power Delivery, 2022, 37, 1109-1119.	2.9	8
15	Real-time schedule of integrated heat and power system: A multi-dimensional stochastic approximate dynamic programming approach. International Journal of Electrical Power and Energy Systems, 2022, 134, 107427.	3.3	18
16	Coordinated power control of electrochemical energy storage for mitigating subsequent commutation failures of HVDC. International Journal of Electrical Power and Energy Systems, 2022, 134, 107455.	3.3	25
17	Impact analysis of cyber system in microgrids: Perspective from economy and reliability. International Journal of Electrical Power and Energy Systems, 2022, 135, 107422.	3.3	8
18	Multi-Network Coordinated Hydrogen Supply Infrastructure Planning for the Integration of Hydrogen Vehicles and Renewable Energy. IEEE Transactions on Industry Applications, 2022, 58, 2875-2886.	3.3	19

#	ARTICLE	IF	CITATIONS
19	A Two-Stage Simultaneous Control Scheme for the Transient Angle Stability of VSC Considering Current Limitation and Voltage Support. IEEE Transactions on Power Systems, 2022, 37, 2137-2150.	4.6	14
20	Commutation Failure Analysis and Prevention of UHVDC System With Hierarchical Connection Considering Voltage Harmonics. IEEE Transactions on Power Delivery, 2022, 37, 3142-3154.	2.9	9
21	Day-ahead stochastic scheduling of integrated electricity and heat system considering reserve provision by large-scale heat pumps. Applied Energy, 2022, 307, 118143.	5.1	12
22	A graph attention networks-based model to distinguish the transient rotor angle instability and short-term voltage instability in power systems. International Journal of Electrical Power and Energy Systems, 2022, 137, 107783.	3.3	20
23	Improved Ramping and Reserve Modeling of Combined Heat and Power in Integrated Energy Systems for Better Renewable Integration. IEEE Transactions on Sustainable Energy, 2022, 13, 683-692.	5.9	8
24	Comprehensive review of commutation failure in HVDC transmission systems. Electric Power Systems Research, 2022, 205, 107768.	2.1	25
25	Holomorphic Embedding Power Flow Algorithm for Isolated AC Microgrids With Hierarchical Control. IEEE Transactions on Smart Grid, 2022, 13, 1679-1690.	6.2	5
26	Quantifying Resilience of Wide-Area Damping Control Against Cyber Attack Based on Switching System Theory. IEEE Transactions on Smart Grid, 2022, 13, 2331-2343.	6.2	10
27	Modeling and Energy Generation Evaluations of Large-Scale Photovoltaic Plants Equipped With Panel-Level DC Optimizers. Frontiers in Energy Research, 2022, 10, .	1.2	0
28	Real-Time Schedule of Microgrid for Maximizing Battery Energy Storage Utilization. IEEE Transactions on Sustainable Energy, 2022, 13, 1356-1369.	5.9	16
29	Interaction Mechanism and Coordinated Control of Commutation Failure Prevention in Multi-Infeed Ultra-HVDC System. International Transactions on Electrical Energy Systems, 2022, 2022, 1-18.	1.2	4
30	Real-time joint regulating reserve deployment of electric vehicles and coal-fired generators considering EV battery degradation using scalable approximate dynamic programming. International Journal of Electrical Power and Energy Systems, 2022, 140, 108017.	3.3	4
31	DC optimizer-based decentralized frequency support scheme of large-scale PV plants considering partial shading conditions. International Journal of Electrical Power and Energy Systems, 2022, 142, 108309.	3.3	3
32	Stability Analysis and Impedance Reshaping Control of Medium-Frequency Oscillation in a PMSG-based Wind Farm Connected to a VSC-HVDC. , 2022, , .		1
33	A Hierarchical Deep Reinforcement Learning-Based Community Energy Trading Scheme for a Neighborhood of Smart Households. IEEE Transactions on Smart Grid, 2022, 13, 4747-4758.	6.2	14
34	Optimal Consensus-Based Event-Triggered Control Strategy for Resilient DC Microgrids. IEEE Transactions on Power Systems, 2021, 36, 1807-1818.	4.6	22
35	Analysis of Wideband Oscillation of Hybrid MMC Interfacing Weak AC Power System. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 7408-7421.	3.7	15
36	Resilient Adaptive Wide-Area Damping Control to Mitigate False Data Injection Attacks. IEEE Systems Journal, 2021, 15, 4831-4842.	2.9	19

#	ARTICLE	IF	CITATIONS
37	Two-Level Combined Control Scheme of VSC-MTDC Integrated Offshore Wind Farms for Onshore System Frequency Support. IEEE Transactions on Power Systems, 2021, 36, 781-792.	4.6	67
38	An Adaptive Fault Current Limiting Control for MMC and Its Application in DC Grid. IEEE Transactions on Power Delivery, 2021, 36, 920-931.	2.9	27
39	Dynamic Var Reserve-Constrained Coordinated Scheduling of LCC-HVDC Receiving-End System Considering Contingencies and Wind Uncertainties. IEEE Transactions on Sustainable Energy, 2021, 12, 469-481.	5.9	35
40	Optimal operation of integrated electricity and heat system: A review of modeling and solution methods. Renewable and Sustainable Energy Reviews, 2021, 135, 110098.	8.2	64
41	Wide-area power oscillation damper for DFIG-based wind farm with communication delay and packet dropout compensation. International Journal of Electrical Power and Energy Systems, 2021, 124, 106306.	3.3	21
42	An Improved DC Fault Protection Scheme Independent of Boundary Components for MMC Based HVDC Grids. IEEE Transactions on Power Delivery, 2021, 36, 2520-2531.	2.9	25
43	Two-Stage Planning of Network-Constrained Hybrid Energy Supply Stations for Electric and Natural Gas Vehicles. IEEE Transactions on Smart Grid, 2021, 12, 2013-2026.	6.2	25
44	A Cascaded Distributed Control Framework in DC Microgrids. IEEE Transactions on Smart Grid, 2021, 12, 205-214.	6.2	17
45	Comparative Study of Small-Signal Stability Under Weak AC System Integration for Different VSCs. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 4482-4499.	3.7	11
46	A Single-End Protection Scheme for Hybrid MMC HVDC Grids Considering the Impacts of the Active Fault Current-Limiting Control. IEEE Transactions on Power Delivery, 2021, 36, 2001-2013.	2.9	17
47	Real-Time Coordinated Scheduling for ADNs With Soft Open Points and Charging Stations. IEEE Transactions on Power Systems, 2021, 36, 5486-5499.	4.6	38
48	Distributed MPC-Based Secondary Control for Energy Storage Systems in a DC Microgrid. IEEE Transactions on Power Systems, 2021, 36, 5633-5644.	4.6	22
49	Deep Reinforcement Learning for Continuous Electric Vehicles Charging Control With Dynamic User Behaviors. IEEE Transactions on Smart Grid, 2021, 12, 5124-5134.	6.2	69
50	Coordinated design of delay-dependent wide-area damping controllers considering multiple time delays. IET Generation, Transmission and Distribution, 2021, 15, 1996-2007.	1.4	6
51	Topology and Control Strategy of Push-pull DC Autotransformer Suitable for Interconnecting LCC-HVDC and VSC-HVDC. , 2021, , .		2
52	Enabling Online Scheduling for Multi-Microgrid Systems: An Event-Triggered Approach. IEEE Transactions on Smart Grid, 2021, 12, 1836-1852.	6.2	6
53	Observer-Based Resilient Integrated Distributed Control Against Cyberattacks on Sensors and Actuators in Islanded AC Microgrids. IEEE Transactions on Smart Grid, 2021, 12, 1953-1963.	6.2	36
54	Impedance Modeling and Analysis of Medium-Frequency Oscillation Caused by VSC-HVDC Connected to Local Weak Grid and DFIG-Based Wind Farms. Frontiers in Energy Research, 2021, 9, .	1.2	4

#	ARTICLE	IF	CITATIONS
55	Control Strategy and Stability Analysis of Impedance Isolated Medium Voltage UPS in Off-grid Operation. , 2021, , .		1
56	Data-driven stochastic unit commitment considering commercial air conditioning aggregators to provide multi-function demand response. International Journal of Electrical Power and Energy Systems, 2021, 129, 106790.	3.3	11
57	Peer to peer transactive energy for multiple energy hub with the penetration of high-level renewable energy. Applied Energy, 2021, 295, 117027.	5.1	54
58	Coordination of Macro Base Stations for 5G Network with User Clustering. Sensors, 2021, 21, 5501.	2.1	0
59	Decentralized computation method for robust operation of multi-area joint regional-district integrated energy systems with uncertain wind power. Applied Energy, 2021, 298, 117280.	5.1	30
60	Resilient Wide-Area Damping Control for Inter-Area Oscillations to Tolerate Deception Attacks. IEEE Transactions on Smart Grid, 2021, 12, 4238-4249.	6.2	27
61	A Differential Pilot Protection Scheme for MMC-Based DC Grid Resilient to Communication Failure. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 5631-5645.	3.7	12
62	Flexibility-Enhanced Continuous-Time Scheduling of Power System Under Wind Uncertainties. IEEE Transactions on Sustainable Energy, 2021, 12, 2306-2320.	5.9	13
63	DC Fault Protection Algorithms of MMC-HVDC Grids: Fault Analysis, Methodologies, Experimental Validations, and Future Trends. IEEE Transactions on Power Electronics, 2021, 36, 11245-11264.	5.4	86
64	A Power Flow Transfer Entropy Based AC Fault Detection Method for the MTDC Wind Power Integration System. IEEE Transactions on Industrial Electronics, 2021, 68, 11614-11620.	5.2	13
65	Real-time optimal operation of integrated electricity and heat system considering reserve provision of large-scale heat pumps. Energy, 2021, 237, 121606.	4.5	9
66	Pathway toward carbon-neutral electrical systems in China by mid-century with negative CO2 abatement costs informed by high-resolution modeling. Joule, 2021, 5, 2715-2741.	11.7	112
67	Grid Forming Converters in Renewable Energy Sources Dominated Power Grid: Control Strategy, Stability, Application, and Challenges. Journal of Modern Power Systems and Clean Energy, 2021, 9, 1239-1256.	3.3	99
68	Risk-averse Coordinated Economic Dispatching and Voltage Regulation in ADNs With On-site Renewables and Soft Open Points. , 2021, , .		1
69	Resilient Distributed Voltage Control Against Destabilization Attacks in DC Microgrids. , 2021, , .		1
70	Dual-Loop PQ Control Scheme for Transient Stability Enhancement and Current Limitation of VSG. , 2021, , .		0
71	Learn From Raw Data or Statistical Features? A Comparison Between Two Deep Learning Patterns in Power System Stability Analysis. , 2021, , .		0
72	Fast Shapelet Learning for Power System Dominant Instability Mode Identification. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
73	Fine Tune or not? Evaluation of Transfer Methods for Power System Transient Stability Analysis. , 2021, , .		0
74	Impact of Power Grid Strength and PLL Parameters on Stability of Grid-Connected DFIG Wind Farm. IEEE Transactions on Sustainable Energy, 2020, 11, 545-557.	5.9	188
75	Impedance Modeling and Stability Analysis of Grid-Connected DFIG-Based Wind Farm With a VSC-HVDC. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2020, 8, 1375-1390.	3.7	142
76	A Cascaded Converter Interfacing Long-Distance HVdc and Back-to-Back HVdc Systems. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2020, 8, 4109-4121.	3.7	23
77	Distributed Cooperative Control of Multiple Hybrid Energy Storage Systems in a DC Microgrid Using Consensus Protocol. IEEE Transactions on Industrial Electronics, 2020, 67, 1968-1979.	5.2	76
78	Feasibility Identification and Computational Efficiency Improvement for Two-Stage RUC With Multiple Wind Farms. IEEE Transactions on Sustainable Energy, 2020, 11, 1669-1678.	5.9	25
79	An Adaptive Reclosing Strategy for MMC-HVDC Systems With Hybrid DC Circuit Breakers. IEEE Transactions on Power Delivery, 2020, 35, 1111-1123.	2.9	60
80	A data-driven approach for fault time determination and fault area location using random matrix theory. International Journal of Electrical Power and Energy Systems, 2020, 116, 105566.	3.3	23
81	An Improved DC Fault Protection Algorithm for MMC HVDC Grids Based on Modal-Domain Analysis. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2020, 8, 4086-4099.	3.7	40
82	Probabilistic Analysis of Commutation Failure in LCC-HVDC System Considering the CFPREV and the Initial Fault Voltage Angle. IEEE Transactions on Power Delivery, 2020, 35, 715-724.	2.9	53
83	PI-Consensus Based Distributed Control of AC Microgrids. IEEE Transactions on Power Systems, 2020, 35, 2268-2278.	4.6	47
84	Distributed Optimal Control of Energy Storages in a DC Microgrid With Communication Delay. IEEE Transactions on Smart Grid, 2020, 11, 2033-2042.	6.2	44
85	Real-time optimization of the integrated gas and power systems using hybrid approximate dynamic programming. International Journal of Electrical Power and Energy Systems, 2020, 118, 105776.	3.3	17
86	Two-Stage Variable Proportion Coefficient Based Frequency Support of Grid-Connected DFIG-WTs. IEEE Transactions on Power Systems, 2020, 35, 962-974.	4.6	95
87	Dynamic modeling and small signal stability analysis of distributed photovoltaic grid-connected system with large scale of panel level DC optimizers. Applied Energy, 2020, 259, 114132.	5.1	71
88	Artificial intelligence techniques for stability analysis and control in smart grids: Methodologies, applications, challenges and future directions. Applied Energy, 2020, 278, 115733.	5.1	118
89	Wind Power Prediction for Wind Farm Clusters Based on the Multifeature Similarity Matching Method. IEEE Transactions on Industry Applications, 2020, 56, 4679-4688.	3.3	21
90	Flexibility Provisions in Active Distribution Networks With Uncertainties. IEEE Transactions on Sustainable Energy, 2020, , 1-1.	5.9	37

#	ARTICLE	IF	CITATIONS
91	Frequency Restoration and Oscillation Damping of Distributed VSGs in Microgrid With Low Bandwidth Communication. IEEE Transactions on Smart Grid, 2020, , 1-1.	6.2	12
92	Pyramidal approximation for power flow and optimal power flow. IET Generation, Transmission and Distribution, 2020, 14, 3774-3782.	1.4	7
93	A mechanical DCCB with re-closure capability and its performance in MMC based DC grid. International Journal of Electrical Power and Energy Systems, 2020, 121, 106128.	3.3	8
94	Optimal design of probabilistic robust damping controllers to suppress multiband oscillations of power systems integrated with wind farm. Renewable Energy, 2020, 158, 75-90.	4.3	12
95	Two-stage stochastic optimal operation of integrated electricity and heat system considering reserve of flexible devices and spatial-temporal correlation of wind power. Applied Energy, 2020, 275, 115357.	5.1	37
96	A Novel Secondary Optimal Control for Multiple Battery Energy Storages in a DC Microgrid. IEEE Transactions on Smart Grid, 2020, 11, 3716-3725.	6.2	26
97	Energy dissipation of MMC-HVDC based onshore wind power integration system with FB-DBS and DCCB. IET Renewable Power Generation, 2020, 14, 222-230.	1.7	15
98	Convolutional neural network-based power system transient stability assessment and instability mode prediction. Applied Energy, 2020, 263, 114586.	5.1	106
99	ANN-based robust DC fault protection algorithm for MMC high-voltage direct current grids. IET Renewable Power Generation, 2020, 14, 199-210.	1.7	41
100	Partition-Combine Uncertainty Set for Robust Unit Commitment. IEEE Transactions on Power Systems, 2020, 35, 3266-3269.	4.6	20
101	Coordinated Planning of Transportation and Electric Power Networks With the Proliferation of Electric Vehicles. IEEE Transactions on Smart Grid, 2020, 11, 4005-4016.	6.2	63
102	Image segmentation algorithm based on neutrosophic fuzzy clustering with non-local information. IET Image Processing, 2020, 14, 576-584.	1.4	9
103	Modelling and comparison analysis of grid-connected DFIG-based wind farm in weak grid. IET Renewable Power Generation, 2020, 14, 2406-2415.	1.7	8
104	Linear network model for integrated power and gas distribution systems with bidirectional energy conversion. IET Renewable Power Generation, 2020, 14, 3284-3291.	1.7	7
105	Continuous-Time optimization of Inverter Air Conditioning Demand Response for Ramping Flexibility Improvement. , 2020, , .		0
106	On-Line Energy Management of Microgrid via Parametric Cost Function Approximation. , 2020, , .		0
107	Privacy-Preserving Economic Dispatch for Microgrids With a Distributed Event-Triggered Communication Scheme. , 2020, , .		2
108	Real-time Energy Management for the Integrated Heat and Power System Using Approximate Dynamic Programming. , 2020, , .		1

#	ARTICLE	IF	CITATIONS
109	A Fault identification Method for MMC based DC Grids with Hybrid DCCBs. , 2020, , .		1
110	Optimal real-time operation strategy for microgrid: ADP based stochastic nonlinear optimization. , 2020, , .		1
111	Post-Storm Vehicle Routing for Distribution Grid Restoration: An OLUCT Based Learning Approach. , 2020, , .		0
112	Continuous-Trajectory Robust Unit Commitment Considering Beyond-the-Resolution Uncertainty. , 2020, , .		0
113	A Novel Fault Current Limiting Control for Half-Bridge MMC. , 2020, , .		0
114	An LCC-MMC hybrid cascaded inverter applicable for UHVDC power overhead line transmission and dynamic reactive power self-compensation. Energy Reports, 2020, 6, 943-952.	2.5	3
115	Coordinated demand response of powerâ€™toâ€™gas and FlexGas technologies in integrated power and gas system to accommodate wind energy. IET Renewable Power Generation, 2020, 14, 3300-3308.	1.7	5
116	Holomorphic embedding approach for VSCâ€™based AC/DC power flow. IET Generation, Transmission and Distribution, 2020, 14, 6239-6249.	1.4	6
117	A Reactive Power Coordination Control Scheme for Hybrid Multi-Infeed HVDC System. , 2020, , .		1
118	Improved Firing Angle Control for Mitigating Continuous Commutation Failure of HVDC System. , 2020, , .		0
119	Modelling of Renewable-energy-base Heat and Power System and Regulation Method Study. , 2020, , .		1
120	Virtual Resistor/Capacitor Droop Control based Power Allocation Strategy for Virtual Synchronous Generator. , 2020, , .		0
121	Advanced Secondary Voltage Recovery Control for Multiple HESSs in a Droop-Controlled DC Microgrid. IEEE Transactions on Smart Grid, 2019, 10, 3828-3839.	6.2	48
122	Robust Two-Stage Regional-District Scheduling of Multi-carrier Energy Systems With a Large Penetration of Wind Power. IEEE Transactions on Sustainable Energy, 2019, 10, 1227-1239.	5.9	133
123	Optimal Real-Time Operation Strategy for Microgrid: An ADP-Based Stochastic Nonlinear Optimization Approach. IEEE Transactions on Sustainable Energy, 2019, 10, 931-942.	5.9	104
124	Data-Adaptive Robust Optimization Method for the Economic Dispatch of Active Distribution Networks. IEEE Transactions on Smart Grid, 2019, 10, 3791-3800.	6.2	74
125	Construction and Selection of Transmission Modes for Renewable Energy of Western China in the Future. , 2019, , .		1
126	Energy storageâ€™based control of multiâ€™terminal DC grid to eliminate the fluctuations of renewable energy. Journal of Engineering, 2019, 2019, 991-995.	0.6	8



#	ARTICLE	IF	CITATIONS
127	LUUDAT based on the modular multilevel converter and diode bridges for high-voltage DC application. Journal of Engineering, 2019, 2019, 1518-1522.	0.6	1
128	Data-Adaptive Robust Transmission Network Planning Incorporating Post-Contingency Demand Response. IEEE Access, 2019, 7, 100296-100304.	2.6	4
129	Data-adaptive robust unit commitment in the hybrid AC/DC power system. Applied Energy, 2019, 254, 113784.	5.1	50
130	Interconnection of VSC-HVDC and LCC-HVDC using DC-DC autotransformer. Journal of Engineering, 2019, 2019, 5033-5037.	0.6	7
131	Two-stage stochastic programming for the joint dispatch of energy and reserve considering demand response. Journal of Engineering, 2019, 2019, 5172-5177.	0.6	4
132	Probabilistic small signal stability analysis of power system with wind power and photovoltaic power based on probability collocation method. Global Energy Interconnection, 2019, 2, 19-28.	1.4	10
133	A Novel Virtual Resistor and Capacitor Droop Control for HESS in Medium-Voltage DC System. IEEE Transactions on Power Systems, 2019, 34, 2518-2527.	4.6	40
134	Security constrained co-planning of transmission expansion and energy storage. Applied Energy, 2019, 239, 383-394.	5.1	96
135	Hybrid ultra-HVDC system with LCC and cascaded hybrid MMC. Journal of Engineering, 2019, 2019, 1112-1116.	0.6	10
136	On-Line Energy Management of Microgrid via Parametric Cost Function Approximation. IEEE Transactions on Power Systems, 2019, 34, 3300-3302.	4.6	16
137	An improved two-stage optimization for network and load recovery during power system restoration. Applied Energy, 2019, 249, 265-275.	5.1	18
138	Modelling and control of a back-to-back MMC-HVDC system using ADPSS. Journal of Engineering, 2019, 2019, 1252-1256.	0.6	5
139	Additional reactive power control and emergency control of the $\pm 1100$ kV UHVDC system with a hierarchical connection mode. Journal of Engineering, 2019, 2019, 1523-1527.	0.6	2
140	Design and real-time implementation of data-driven adaptive wide-area damping controller for back-to-back VSC-HVDC. International Journal of Electrical Power and Energy Systems, 2019, 109, 558-574.	3.3	22
141	A novel HVDC circuit breaker for HVDC application. International Journal of Electrical Power and Energy Systems, 2019, 109, 685-695.	3.3	27
142	Dynamic event-triggered robust secondary frequency control for islanded AC microgrid. Applied Energy, 2019, 242, 821-836.	5.1	39
143	Enhancing the Transmission Grid Resilience in Ice Storms by Optimal Coordination of Power System Schedule With Pre-Positioning and Routing of Mobile DC De-Icing Devices. IEEE Transactions on Power Systems, 2019, 34, 2663-2674.	4.6	54
144	A hybrid cascaded converter applicable for UHVDC transmission and feeding to load centre. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
145	Coordinated Regional-District Operation of Integrated Energy Systems for Resilience Enhancement in Natural Disasters. , 2019, , .		4
146	Robust Two-Stage Regional-District Scheduling of Multi-Carrier Energy Systems with a Large Penetration of Wind Power. , 2019, , .		0
147	Enhancing Active Power Transfer Capability for Hybrid MMC Integrated with Weak AC Grid through Parameter Adjustment. , 2019, , .		3
148	Transient energy analysis and dissipation of a bipolar MTDC wind power integrating system during MMC outage. , 2019, , .		0
149	Operation and transient performance of a four-terminal MMC based DC grid implementing high power mechanical DC circuit breaker. Journal of Engineering, 2019, 2019, 5167-5171.	0.6	7
150	Wind Power Prediction for Wind Farm Clusters Based on the Multi-feature Similarity Matching Method. , 2019, , .		2
151	Stochastic unit commitment with air conditioning loads participating in reserve service. IET Renewable Power Generation, 2019, 13, 2977-2985.	1.7	11
152	Coordinated Regional-District Operation of Integrated Energy Systems for Resilience Enhancement in Natural Disasters. IEEE Transactions on Smart Grid, 2019, 10, 4881-4892.	6.2	132
153	Real-time subsidy based robust scheduling of the integrated power and gas system. Applied Energy, 2019, 236, 1158-1167.	5.1	30
154	Consensus-Based Distributed Control for Photovoltaic-Battery Units in a DC Microgrid. IEEE Transactions on Industrial Electronics, 2019, 66, 7778-7787.	5.2	44
155	Image-segmentation algorithm based on wavelet and data-driven neutrosophic fuzzy clustering. Imaging Science Journal, 2019, 67, 63-75.	0.2	5
156	Modeling formulation and validation for accelerated simulation and flexibility assessment on large scale power systems under higher renewable penetrations. Applied Energy, 2019, 237, 145-154.	5.1	28
157	A Transient Voltage-Based DC Fault Line Protection Scheme for MMC-Based DC Grid Embedding DC Breakers. IEEE Transactions on Power Delivery, 2019, 34, 334-345.	2.9	181
158	Distributed Multi-DER Cooperative Control for Master-Slave-Organized Microgrid Networks With Limited Communication Bandwidth. IEEE Transactions on Industrial Informatics, 2019, 15, 3443-3456.	7.2	105
159	Resilient Wide-Area Damping Control Using GrHDP to Tolerate Communication Failures. IEEE Transactions on Smart Grid, 2019, 10, 2547-2557.	6.2	82
160	Stochastic Optimization of Economic Dispatch for Microgrid Based on Approximate Dynamic Programming. IEEE Transactions on Smart Grid, 2019, 10, 2440-2452.	6.2	194
161	Dual-loop SFC scheme for BTB-VSC-HVDC interconnecting asynchronous AC grids. Journal of Engineering, 2019, 2019, 1020-1026.	0.6	1
162	A DC fault ride-through and energy dissipation scheme for hybrid MMC-MTDC integrating wind farms with overhead lines. Journal of Engineering, 2019, 2019, 4804-4808.	0.6	2

#	ARTICLE	IF	CITATIONS
163	Transient response of DC fault and fault current-limiting strategy of hybrid three-terminal HVDC transmission system. , 2019, , .		0
164	DC grid based on hybrid MMC and fast vacuum switch. , 2019, , .		0
165	Stability Analysis of Electrical Oscillation Existing in Grid Integration of PMSG-based Wind Farm with VSC-HVDC System. , 2019, , .		1
166	Analysis of Impact of Grounding-pole Current-limiting Reactor on Fault Detection of MMC based DC Grids. , 2019, , .		1
167	Active Current-Limiting Control to Handle DC Line Fault of Overhead DC Grid. , 2019, , .		1
168	A Three-Terminal Hybrid HVDC System based on LCC and Hybrid MMC with DC Fault Clearance Capability. , 2019, , .		1
169	Power System Capacity Expansion Under Higher Penetration of Renewables Considering Flexibility Constraints and Low Carbon Policies. IEEE Transactions on Power Systems, 2018, 33, 6240-6253.	4.6	127
170	Small-signal modeling of MMC based DC grid and analysis of the impact of DC reactors on the small-signal stability. International Journal of Electrical Power and Energy Systems, 2018, 101, 25-37.	3.3	29
171	Stability analysis and energy storage-based solution of wind farm during low voltage ride through. International Journal of Electrical Power and Energy Systems, 2018, 101, 75-84.	3.3	43
172	Enhanced Independent Pole Control of Hybrid MMC-HVdc System. IEEE Transactions on Power Delivery, 2018, 33, 861-872.	2.9	73
173	Dynamic Optimal Energy Flow in the Integrated Natural Gas and Electrical Power Systems. IEEE Transactions on Sustainable Energy, 2018, 9, 188-198.	5.9	250
174	Adaptive Supplementary Damping Control of VSC-HVDC for Interarea Oscillation Using GrHDP. IEEE Transactions on Power Systems, 2018, 33, 1777-1789.	4.6	75
175	Effect analysis of generator governor system and its frequency mode on inter-area oscillations in power systems. International Journal of Electrical Power and Energy Systems, 2018, 96, 1-10.	3.3	31
176	The design and fault ride through control of un-interrupted DC-DC Autotransformer. Science China Technological Sciences, 2018, 61, 1935-1949.	2.0	3
177	Optimal Energy Management for the Integrated Power and Gas Systems via Real-time Pricing. , 2018, , .		1
178	Design and Performance of a Capacitor Commutated DC Circuit Breaker. , 2018, , .		1
179	Adaptive Supplementary Damping Control of VSC-HVDC for Interarea Oscillation Using GrHDP. , 2018, , .		2
180	Coordination Control of Commutation Failure Preventions for UHVDC Hierarchical Connection to AC Grid. , 2018, , .		4

#	ARTICLE	IF	CITATIONS
181	Power Limitation Analysis of Hybrid MMC Considering Sub-Module Balancing Constraint. , 2018, , .		0
182	Evaluation of Energy Production for Large-scale Photovoltaic Plant with Different Configurations. , 2018, , .		1
183	Event-Triggered Robust Load Frequency Control of a Multi-Area Power System Including Wind Farms. , 2018, , .		1
184	Robust Unit Commitment Considering the Temporal and Spatial Correlations of Wind Farms Using a Data-Adaptive Approach. , 2018, , .		2
185	Decentralized Optimization for Multi-Area Optimal Transmission Switching via Iterative ADMM. , 2018, , .		1
186	Consensus-Based Distributed Event-Triggered Communication Control for AC Microgrids. , 2018, , .		5
187	Distributed Power Sharing Control for Low-voltage Microgrids Through Multiagent Networks Subject to Disturbances. , 2018, , .		1
188	A systematic approach for the joint dispatch of energy and reserve incorporating demand response. Applied Energy, 2018, 230, 1279-1291.	5.1	60
189	Multi-time-scale coordinated ramp-rate control for photovoltaic plants and battery energy storage. IET Renewable Power Generation, 2018, 12, 1390-1397.	1.7	24
190	State-space model and PQ operating zone analysis of hybrid MMC. Electric Power Systems Research, 2018, 162, 99-108.	2.1	8
191	Cascaded LC-AC transformer unidirectional DC/DC converter with high stepping ratio. IEEE Transactions on Electrical and Electronic Engineering, 2018, 13, 1255-1264.	0.8	0
192	Noise-resilient distributed frequency control for droop-controlled renewable microgrids. , 2018, , .		3
193	A Unidirectional DC-DC Autotransformer for DC Grid Application. Energies, 2018, 11, 530.	1.6	2
194	Improvement of wide-area damping controller subject to actuator saturation: a dynamic anti-windup approach. IET Generation, Transmission and Distribution, 2018, 12, 2115-2123.	1.4	8
195	Power balancing control of a multi-terminal DC constructed by multiport front-to-front DC-DC converters. IET Generation, Transmission and Distribution, 2017, 11, 363-371.	1.4	13
196	SDMF based interference rejection and PD interpretation for simulated defects in HV cable diagnostics. IEEE Transactions on Dielectrics and Electrical Insulation, 2017, 24, 83-91.	1.8	12
197	Rough set theory applied to pattern recognition of Partial Discharge in noise affected cable data. IEEE Transactions on Dielectrics and Electrical Insulation, 2017, 24, 147-156.	1.8	41
198	A dual-limiting power balance controller for multiterminal VSC-HVDC system. International Transactions on Electrical Energy Systems, 2017, 27, e2341.	1.2	0

#	ARTICLE	IF	CITATIONS
199	Chronological operation simulation framework for regional power system under high penetration of renewable energy using meteorological data. Applied Energy, 2017, 203, 816-828.	5.1	83
200	Equivalent Electromagnetic Transient Simulation Model and Fast Recovery Control of Overhead VSC-HVDC Based on SB-MMC. IEEE Transactions on Power Delivery, 2017, 32, 778-788.	2.9	65
201	Overview of grid codes for photovoltaic integration. , 2017, , .		11
202	Adaptive wide-area power oscillation damper design for photovoltaic plant considering delay compensation. IET Generation, Transmission and Distribution, 2017, 11, 4511-4519.	1.4	58
203	Robust distributed cooperative control for DC microgrids with time delays, noise disturbances, and switching topologies. Journal of the Franklin Institute, 2017, 354, 8312-8332.	1.9	15
204	Gossip-based distributed active load voltage control for low-voltage microgrids. , 2017, , .		3
205	Resilient wide-area damping control for interarea oscillation considering communication failure. , 2017, , .		1
206	MILP formulation for the optimal operation of the integrated gas and power system. , 2017, , .		1
207	Damping control design for pulse width modulation series compensator using GrHDP. , 2017, , .		0
208	Cyber-physical aspects of hierarchical control for co-multi-microgrids in the energy Internet. , 2017, , .		2
209	Reactive power optimisation design and fault ride through of MMC+PLUS. Journal of Engineering, 2017, 2017, 806-811.	0.6	1
210	Research on fault protection of DC grid based on hybrid MMC. Journal of Engineering, 2017, 2017, 822-827.	0.6	2
211	Analytical model of hybrid MMC for dynamic and steady-state studies. Journal of Engineering, 2017, 2017, 2281-2286.	0.6	1
212	Distributed voltage control for DC microgrids with coupling delays & noisy disturbances. , 2017, , .		4
213	DC-DC autotransformer with uninterrupted operating capability during DC fault. Journal of Engineering, 2017, 2017, 1280-1284.	0.6	1
214	AC and DC fault ride through hybrid MMC integrating wind power. Journal of Engineering, 2017, 2017, 828-833.	0.6	9
215	Transmission network expansion planning considering the generators' contribution to uncertainty accommodation. CSEE Journal of Power and Energy Systems, 2017, 3, 450-460.	1.7	9
216	Hybrid approximate dynamic programming approach for dynamic optimal energy flow in the integrated gas and power systems. , 2017, , .		2

#	ARTICLE	IF	CITATIONS
217	Design and experimental verification of DC-DC autotransformer prototype. , 2017, , .		0
218	An Improved Multi-Infeed Effective Short-Circuit Ratio for AC/DC Power Systems with Massive Shunt Capacitors Installed. Energies, 2017, 10, 396.	1.6	8
219	Enhancement of Power System Stability Using a Novel Power System Stabilizer with Large Critical Gain. Energies, 2017, 10, 449.	1.6	15
220	Nonlinear Synergetic Governor Controllers for Steam Turbine Generators to Enhance Power System Stability. Energies, 2017, 10, 1092.	1.6	6
221	Generation method for the PV power time series combining the decomposition technique and Markov chain theory. Journal of Engineering, 2017, 2017, 2026-2031.	0.6	2
222	Four-channel control of hybrid MMC with pole-to-ground DC fault ride through capability. , 2017, , .		4
223	Improved extreme scenario extraction method for the economic dispatch of active distribution networks. Journal of Engineering, 2017, 2017, 1560-1564.	0.6	1
224	Determining the Minimal Power Capacity of Energy Storage to Accommodate Renewable Generation. Energies, 2017, 10, 468.	1.6	21
225	Control and operation of a hybrid HVDC integrating wind farm based on SBMMC and LCC. Journal of Engineering, 2017, 2017, 816-821.	0.6	8
226	Power flow control of interconnecting two LCCHVDC through front-to-front type DC/DC converter. , 2016, , .		1
227	Interaction analysis and oscillation mitigation among multiple SVC-based damping controllers. , 2016, , .		1
228	Grid integration of solar power in northwest China. , 2016, , .		3
229	Extended topologies and technologies of DC-DC autotransformer. , 2016, , .		2
230	The optimal state number selection of wind power series generated through MCMC method. , 2016, , .		2
231	A very short term wind power prediction approach based on Multilayer Restricted Boltzmann Machine. , 2016, , .		3
232	Solution to short-term frequency response of wind farms by using energy storage systems. IET Renewable Power Generation, 2016, 10, 669-678.	1.7	136
233	Foreword for the special section on sustainable power network planning. CSEE Journal of Power and Energy Systems, 2016, 2, 1-2.	1.7	6
234	A very short term wind power forecasting approach based on numerical weather prediction and error correction method. , 2016, , .		20

#	ARTICLE	IF	CITATIONS
235	Transmission level MMC DC/DC Converter for large scale integration of renewable energy into HVDC grid. , 2016, , .		2
236	Coordinated optimization of wind generation and pumped-storage plant by robust unit commitment. , 2016, , .		1
237	Fast valve power loss evaluation method for modular multi-level converter operating at high-frequency. Protection and Control of Modern Power Systems, 2016, 1, .	4.3	7
238	Step-up unidirectional DC-DC autotransformer for HVDC applications. , 2016, , .		1
239	Equivalent electromagnetic model of self-blocking MMC with DC fault isolation capability. , 2016, , .		6
240	Constraints of wind power ramp event in robust unit commitment. , 2016, , .		1
241	Dynamic phasor modelling and operating characteristic analysis of half-bridge MMC. , 2016, , .		2
242	Parameter design and operating zone of hybrid cascaded multilevel converter under asymmetrical square-wave modulation method of the director switch. IET Generation, Transmission and Distribution, 2016, 10, 2155-2164.	1.4	2
243	Adaptive Modulation for DFIG and STATCOM With High-Voltage Direct Current Transmission. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 1762-1772.	7.2	34
244	Adaptive power oscillation damping controller of superconducting magnetic energy storage device for interarea oscillations in power system. International Journal of Electrical Power and Energy Systems, 2016, 78, 555-562.	3.3	25
245	An adaptive neuro-control approach for multi-machine power systems. International Journal of Electrical Power and Energy Systems, 2016, 75, 108-116.	3.3	23
246	Development of a Movable HTS SMES System. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-9.	1.1	43
247	Transmission network expansion planning considering uncertainties in loads and renewable energy resources. CSEE Journal of Power and Energy Systems, 2015, 1, 78-85.	1.7	30
248	Optimal trade-off between regulation and wind curtailment in the economic dispatch problem. CSEE Journal of Power and Energy Systems, 2015, 1, 37-45.	1.7	27
249	Two-stage optimization method for network reconfiguration and load recovery during power system restoration. , 2015, , .		5
250	Optimal operation for energy storage with wind power generation using adaptive dynamic programming. , 2015, , .		8
251	Investigation of interconnecting two Chinese LCC-HVDC through LCL DC/DC converter. , 2015, , .		4
252	Improved synergetic excitation control for transient stability enhancement and voltage regulation of power systems. International Journal of Electrical Power and Energy Systems, 2015, 68, 44-51.	3.3	43

#	ARTICLE	IF	CITATIONS
253	Coordinated Control Strategy of Wind Turbine Generator and Energy Storage Equipment for Frequency Support. IEEE Transactions on Industry Applications, 2015, 51, 2732-2742.	3.3	203
254	Low-carbon unit commitment with intensive wind power generation and carbon capture power plant. Journal of Modern Power Systems and Clean Energy, 2015, 3, 63-71.	3.3	28
255	Multiport DC-DC Autotransformer for Interconnecting Multiple High-Voltage DC Systems at Low Cost. IEEE Transactions on Power Electronics, 2015, 30, 6648-6660.	5.4	56
256	Short-term frequency support of power system from wind farms using energy storage system. , 2015, , .		0
257	Real-time market-to-market coordination in interregional congestion management. , 2015, , .		3
258	Generic modularized analytical modelling of multiport LCL dc hub and multiport dc-dc. , 2015, , .		1
259	Applying high-voltage direct current emergency control to suppress the peak value of ultra-high-voltage tie-line power oscillation. IET Generation, Transmission and Distribution, 2015, 9, 2485-2492.	1.4	8
260	Wide-Area Damping Controller for Power System Interarea Oscillations: A Networked Predictive Control Approach. IEEE Transactions on Control Systems Technology, 2015, 23, 27-36.	3.2	186
261	Power System Stability Control for a Wind Farm Based on Adaptive Dynamic Programming. IEEE Transactions on Smart Grid, 2015, 6, 166-177.	6.2	153
262	Coordinated control strategy of wind turbine generator and energy storage equipment for frequency support. , 2014, , .		7
263	Minimum energy storage for power system with high wind power penetration using p-efficient point theory. Science China Information Sciences, 2014, 57, 1-12.	2.7	4
264	Identification of parallel flows in congestion management with multiple electricity markets. , 2014, , .		0
265	Multi-machine power system control based on dual heuristic dynamic programming. , 2014, , .		15
266	Analysis method on parameter identifiability for excitation system model of generator. , 2014, , .		1
267	Generation of wind power time series to fit time-domain characteristics. Electronics Letters, 2014, 50, 1734-1736.	0.5	1
268	Fast Cut Back Thermal Power Plant Load Rejection and Black Start Field Test Analysis. Energies, 2014, 7, 2740-2760.	1.6	9
269	Series VSC-LCC converter with self-commutating and dc fault blocking capabilities. , 2014, , .		15
270	Fault characteristics analysis of two HVDC technologies for wind power integration. , 2014, , .		1



#	ARTICLE	IF	CITATIONS
271	Decentralized nonlinear synergetic power system stabilizers design for power system stability enhancement. International Transactions on Electrical Energy Systems, 2014, 24, 1356-1368.	1.2	26
272	Generating wind power time series based on its persistence and variation characteristics. Science China Technological Sciences, 2014, 57, 2475-2486.	2.0	14
273	Transient overvoltage control for a wind farm based on goal representation adaptive dynamic programming. , 2014, , .		1
274	Application of HVDC emergency control to mitigate the first swing peak of UHV tie-line power flow. , 2014, , .		0
275	Investigation on Control Strategies to Smooth out Wind Farm Output Fluctuations Using Energy Storage System. Applied Mechanics and Materials, 2014, 521, 117-123.	0.2	1
276	Active Power Oscillation Property Classification of Electric Power Systems Based on SVM. Journal of Applied Mathematics, 2014, 2014, 1-9.	0.4	7
277	Decentralized nonlinear optimal predictive excitation control for multi-machine power systems. International Journal of Electrical Power and Energy Systems, 2014, 55, 620-627.	3.3	43
278	A critical lines identification algorithm of complex power system. , 2014, , .		3
279	Design of Anti-Windup Compensator for Energy Storage-Based Damping Controller to Enhance Power System Stability. IEEE Transactions on Power Systems, 2014, 29, 1175-1185.	4.6	69
280	Improved Complex Torque Coefficient Method Using CPCM for Multi-Machine System SSR Analysis. IEEE Transactions on Power Systems, 2014, 29, 2060-2068.	4.6	35
281	Offshore Wind Farm Integration and Frequency Support Control Utilizing Hybrid Multiterminal HVDC Transmission. IEEE Transactions on Industry Applications, 2014, 50, 2788-2797.	3.3	67
282	An investigation of the persistence property of wind power time series. Science China Technological Sciences, 2014, 57, 1578-1587.	2.0	3
283	Energy-Storage-Based Low-Frequency Oscillation Damping Control Using Particle Swarm Optimization and Heuristic Dynamic Programming. IEEE Transactions on Power Systems, 2014, 29, 2539-2548.	4.6	139
284	Research on fast solid state DC breaker based on a natural current zero-crossing point. Journal of Modern Power Systems and Clean Energy, 2014, 2, 30-38.	3.3	26
285	Wide-Area Damping Controller of FACTS Devices for Inter-Area Oscillations Considering Communication Time Delays. IEEE Transactions on Power Systems, 2014, 29, 318-329.	4.6	290
286	A practical method to construct network state equations in multi-machine system SSR study. Electric Power Systems Research, 2014, 107, 51-58.	2.1	8
287	Assessment of Market Flows for Interregional Congestion Management in Electricity Markets. IEEE Transactions on Power Systems, 2014, 29, 1673-1682.	4.6	19
288	Reactive power control of grid-connected wind farm based on adaptive dynamic programming. Neurocomputing, 2014, 125, 125-133.	3.5	83

#	ARTICLE	IF	CITATIONS
289	Damping of Inter-Area Low Frequency Oscillation Using an Adaptive Wide-Area Damping Controller. Journal of Electrical Engineering and Technology, 2014, 9, 27-36.	1.2	6
290	A Discrete Point Estimate Method for Probabilistic Load Flow Based on the Measured Data of Wind Power. IEEE Transactions on Industry Applications, 2013, 49, 2244-2252.	3.3	70
291	Research on hybrid multi-terminal high-voltage DC technology for offshore wind farm integration. Journal of Modern Power Systems and Clean Energy, 2013, 1, 34-41.	3.3	13
292	Participation of large-scale wind power generation in power system frequency regulation. Science Bulletin, 2013, 58, 4557-4565.	1.7	6
293	Optimized control of DFIG based wind generation using swarm intelligence. , 2013, , .		1
294	Laboratory and Field Tests of Movable Conduction-Cooled High-Temperature SMES for Power System Stability Enhancement. IEEE Transactions on Applied Superconductivity, 2013, 23, 5701607-5701607.	1.1	15
295	Transient stability risk assessment of power systems incorporating wind farms. Journal of Modern Power Systems and Clean Energy, 2013, 1, 134-141.	3.3	17
296	Goal Representation Heuristic Dynamic Programming on Maze Navigation. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 2038-2050.	7.2	94
297	A Three-Terminal HVDC System to Bundle Wind Farms With Conventional Power Plants. IEEE Transactions on Power Systems, 2013, 28, 2292-2300.	4.6	23
298	Ensemble learning for wind profile prediction with missing values. Neural Computing and Applications, 2013, 22, 287-294.	3.2	13
299	Adaptive Learning in Tracking Control Based on the Dual Critic Network Design. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 913-928.	7.2	164
300	Probabilistic assessment of power system transient stability incorporating SMES. Physica C: Superconductivity and Its Applications, 2013, 484, 276-281.	0.6	16
301	Probabilistic Load Flow Method Based on Nataf Transformation and Latin Hypercube Sampling. IEEE Transactions on Sustainable Energy, 2013, 4, 294-301.	5.9	257
302	Adaptive control for an HVDC transmission link with FACTS and a wind farm. , 2013, , .		8
303	Comparative study between HDP and PSS on DFIG damping control. , 2013, , .		13
304	Design Fuzzy Logic Controller by Particle Swarm Optimization for Wind Turbine. Lecture Notes in Computer Science, 2013, , 152-159.	1.0	7
305	Co-ordinated Control of offshore Wind Farms and HVDC Transmission Grid. , 2013, , .		2
306	Hybrid algorithm for dynamic economic dispatch with valve-point effects. IET Generation, Transmission and Distribution, 2013, 7, 1096-1104.	1.4	20

#	ARTICLE	IF	CITATIONS
307	Design of anti-windup compensator for superconducting magnetic energy storage. , 2013, , .		0
308	Networked predictive control based wide-area supplementary damping controller of SVC with communication delays compensation. , 2013, , .		5
309	Increasing Black Start Capacity by Fast Cut Back Function of Thermal Power Plants. International Journal of Smart Grid and Clean Energy, 2013, 2, 60-66.	0.4	5
310	TCSC Nonlinear Adaptive Damping Controller Design Based on RBF Neural Network to Enhance Power System Stability. Journal of Electrical Engineering and Technology, 2013, 8, 252-261.	1.2	8
311	Frequency regulation considering short-term wind power forecast. , 2012, , .		1
312	Optimized controller design of a FESS for power fluctuation smoothing of a wind farm. , 2012, , .		5
313	Markov chain Monte Carlo method for the modeling of wind power time series. , 2012, , .		5
314	A Discrete Point Estimate method for probabilistic load flow based on the measured data of wind power. , 2012, , .		1
315	A discrete point estimate method for probabilistic load flow based on the measured data of wind power. , 2012, , .		4
316	An Investigation on the Active-Power Variations of Wind Farms. IEEE Transactions on Industry Applications, 2012, 48, 1087-1094.	3.3	46
317	Feasibility Study of Segmenting Large Power System Interconnections With AC Link Using Energy Storage Technology. IEEE Transactions on Power Systems, 2012, 27, 1245-1252.	4.6	47
318	Delay-Dependent Stability for Load Frequency Control With Constant and Time-Varying Delays. IEEE Transactions on Power Systems, 2012, 27, 932-941.	4.6	480
319	A Hybrid Intelligent Optimization Algorithm for Dynamic Economic Dispatch with Valve-Point Effects. , 2012, , .		1
320	Design of LCL filters for the back-to-back converter in a Doubly Fed Induction Generator. , 2012, , .		7
321	A Fully Decentralized Multi-Agent System for Intelligent Restoration of Power Distribution Network Incorporating Distributed Generations [Application Notes]. IEEE Computational Intelligence Magazine, 2012, 7, 66-76.	3.4	52
322	Particle Swarm Optimize Fuzzy Logic Memberships of AC-Drive. Lecture Notes in Computer Science, 2012, , 460-469.	1.0	2
323	LCC based MTDC for grid integration of large onshore wind farms in Northwest China. , 2011, , .		13
324	Integrating Wind Farm to the Grid Using Hybrid Multiterminal HVDC Technology. IEEE Transactions on Industry Applications, 2011, 47, 965-972.	3.3	115

#	ARTICLE	IF	CITATIONS
325	Delay-Dependent Stability Analysis of the Power System With a Wide-Area Damping Controller Embedded. IEEE Transactions on Power Systems, 2011, 26, 233-240.	4.6	213
326	Robustness of damping control implemented by Energy Storage Systems installed in power systems. International Journal of Electrical Power and Energy Systems, 2011, 33, 35-42.	3.3	38
327	An Investigation on the active power variations of wind farms. , 2011, , .		0
328	A Novel Energy Storage System based on Flywheel for Improving Power System Stability. Journal of Electrical Engineering and Technology, 2011, 6, 447-458.	1.2	4
329	Conduction-Cooled YBCO HTS Current Lead for SMES Application. IEEE Transactions on Applied Superconductivity, 2010, 20, 1737-1740.	1.1	16
330	Mobile conduction-cooled HTS SMES. Physica C: Superconductivity and Its Applications, 2010, 470, 1717-1720.	0.6	4
331	Design of wide-area damping controllers based on networked predictive control considering communication delays. , 2010, , .		12
332	Integrating wind farm to the grid using hybrid multi-terminal HVDC technology. , 2010, , .		65
333	Development and Field Test of Movable Conduction-Cooled High Temperature SMES. , 2010, , .		0
334	The Development and Application of the Solar Lights in Wuhan City, China. , 2009, , .		0
335	Application research on auto-disturbance rejection controller in superconducting magnetic energy storage. , 2009, , .		3
336	Operational characteristic of the current converter based SMES. , 2009, , .		1
337	Bifurcation analysis for an SMIB power system with series capacitor compensation associated with sub-synchronous resonance. Science in China Series D: Earth Sciences, 2009, 52, 436-441.	0.9	10
338	An adaptive wide-area damping controller based on generalized predictive control and model identification. , 2009, , .		12
339	A new energy storage system based on flywheel. , 2009, , .		6
340	Power System Aggregate Load Area Dynamic Modeling by Learning Based on WAMS. Lecture Notes in Computer Science, 2009, , 1179-1188.	1.0	0
341	Implementing Power System Management via Semantic Web Services Composition. Lecture Notes in Computer Science, 2009, , 1154-1160.	1.0	0
342	Application of superconducting magnetic energy storage unit to damp power system low frequency oscillations. , 2008, , .		4

#	ARTICLE	IF	CITATIONS
343	Modeling and simulation of VSC-HVDC with dynamic phasors. , 2008, , .		12
344	The influence of the UHV transmission line to the TTCs between provincial power grids in CCG. , 2008, , .		1
345	Auto-disturbance rejection controller design for superconducting magnetic energy storage. , 2008, , .		1
346	Realization of the WAMS based power system aggregate load area model. , 2008, , .		1
347	A Boost Voting Strategy for Knowledge Integration and Decision Making. Lecture Notes in Computer Science, 2008, , 472-481.	1.0	1
348	A Novel SVC Allocation Method for Power System Voltage Stability Enhancement by Normal Forms of Diffeomorphism. IEEE Transactions on Power Systems, 2007, 22, 1819-1825.	4.6	43
349	Reactive Power Generation Management for the Improvement of Power System Voltage Stability Margin. , 2006, , .		7
350	Dynamic Response of TCSC and Reactance Control Method Study. , 2006, , .		5
351	Effects of the Quality Factor of reactor on the TCSC characteristics and the Dual Impedance Solution Phenomenon. , 2006, , .		3
352	Power system stability enhancement by a double-fed induction machine with a flywheel energy storage system. , 2006, , .		13
353	A particle swarm optimizer with passive congregation. BioSystems, 2004, 78, 135-147.	0.9	320
354	Optimal Coordinated Voltage Control for Power System Voltage Stability. IEEE Transactions on Power Systems, 2004, 19, 1115-1122.	4.6	123
355	Decentralized Adaptive Control of Interconnected Non-Linear Systems Using High Gain Observer. International Journal of Control, 2004, 77, 703-712.	1.2	35
356	Decentralized Nonlinear Adaptive Control for Multimachine Power Systems Via High-Gain Perturbation Observer. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2004, 51, 2052-2059.	0.1	89
357	Construction of power system load models and network equivalence using an evolutionary computation technique. International Journal of Electrical Power and Energy Systems, 2003, 25, 293-299.	3.3	18
358	Power system load modeling by learning based on system measurements. IEEE Transactions on Power Delivery, 2003, 18, 364-371.	2.9	43
359	Pseudo-gradient based evolutionary programming. Electronics Letters, 2003, 39, 631.	0.5	22
360	Power System Load Modeling by Evolutionary Computation Based on System Measurements. Electric Power Components and Systems, 2003, 31, 423-439.	1.0	5

#	ARTICLE	IF	CITATIONS
361	Optimal reactive power dispatch using an adaptive genetic algorithm. International Journal of Electrical Power and Energy Systems, 1998, 20, 563-569.	3.3	259
362	A synchronous generator fuzzy excitation controller optimally designed with a genetic algorithm. IEEE Transactions on Power Systems, 1998, 13, 884-889.	4.6	36
363	Measurement based power system load modelling by learning. , 1998, , .		4
364	A synchronous generator fuzzy excitation controller optimally designed with a genetic algorithm. , 0, , .		1
365	Measurement based power system load modeling using a population diversity genetic algorithm. , 0, , .		4
366	Subsynchronous Interaction and its Mitigation in DFIG-Based Wind Farm and Turbine-Generator Bundled Systems. Advanced Materials Research, 0, 860-863, 319-323.	0.3	4
367	Novel Indexes and Method for Power Grid Blackout Risk Assessment. Applied Mechanics and Materials, 0, 556-562, 6665-6668.	0.2	0
368	Instance and Mechanism Analysis of Power Oscillation Caused by Valve Discharge Characteristics of Steam Turbine. Applied Mechanics and Materials, 0, 678, 533-536.	0.2	0
369	Fault Diagnosis for Power System Using Time Sequence Fuzzy Petri Net. , 0, , .		1