

Xinda Ke

List of Publications by Year in descending order

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28
papers

396
citations

1163117

8
h-index

1474206

9
g-index

28
all docs

28
docs citations

28
times ranked

557
citing authors

#	ARTICLE	IF	CITATIONS
1	Control and Size Energy Storage Systems for Managing Energy Imbalance of Variable Generation Resources. IEEE Transactions on Sustainable Energy, 2015, 6, 70-78.	8.8	114
2	Exact Optimal Power Dispatch in Unbalanced Distribution Systems With High PV Penetration. IEEE Transactions on Power Systems, 2019, 34, 718-728.	6.5	55
3	Quantifying impacts of heat waves on power grid operation. Applied Energy, 2016, 183, 504-512.	10.1	53
4	A Hierarchical VLSM-Based Demand Response Strategy for Coordinative Voltage Control Between Transmission and Distribution Systems. IEEE Transactions on Smart Grid, 2019, 10, 4838-4847.	9.0	35
5	Probabilistic-Based Available Transfer Capability Assessment Considering Existing and Future Wind Generation Resources. IEEE Transactions on Sustainable Energy, 2015, 6, 1263-1271.	8.8	26
6	Coordinative real-time sub-transmission volt-var control for reactive power regulation between transmission and distribution systems. IET Generation, Transmission and Distribution, 2019, 13, 2006-2014.	2.5	21
7	A Real-Time Greedy-Index Dispatching Policy for Using PEVs to Provide Frequency Regulation Service. IEEE Transactions on Smart Grid, 2019, 10, 864-877.	9.0	17
8	Combined Transmission and Distribution Test System to Study High Penetration of Distributed Solar Generation. , 2018, , .		13
9	Risk-oriented PMU placement approach in electric power systems. IET Generation, Transmission and Distribution, 2020, 14, 301-307.	2.5	8
10	Transmission-distribution long-term volt-var planning considering reactive power support capability of distributed PV. International Journal of Electrical Power and Energy Systems, 2022, 138, 107955.	5.5	8
11	Load profile analysis and short-term building load forecast for a university campus. , 2016, , .		5
12	A three-stage enhanced reactive power and voltage optimization method for high penetration of solar. , 2017, , .		5
13	Literature survey on operational voltage control and reactive power management on transmission and sub-transmission networks. , 2017, , .		5
14	Optimization Methods for Evaluating PEV Charging Considering Customer Behavior. , 2018, , .		5
15	An optimal transmission scheme for two-way relaying networks with power constraint. , 2010, , .		3
16	A relay selection scheme with limit feedback in OFDM relay networks based on subcarrier mapping. , 2010, , .		3
17	Control and size energy storage for managing energy balance of variable generation resources. , 2014, , .		3
18	Hybrid cascading outage analysis of extreme events with optimized corrective actions. , 2017, , .		3

#	ARTICLE	IF	CITATIONS
19	Real-time Simulation of Coordinated Sub-Transmission Volt-Var Control Tool under High Distributed PV Penetration. , 2020, , .		3
20	Networked HIL Simulation System for Modeling Large-scale Power Systems. , 2021, , .		3
21	EMS and DMS Integration of the Coordinative Real-time Sub-Transmission Volt-Var Control Tool under High DER Penetration. , 2021, , .		3
22	Novel Additions to DCAT to Analyze What-If Scenarios of Protection Maloperation and Intermittent Resources on Cascading Failures for Extreme Events. , 2018, , .		2
23	Opportunistic relaying in multiuser cooperative networks with proportional rate constraints. , 2009, , .		1
24	Resource allocation with opportunistic feedback in Cooperative MU-OFDM network. , 2010, , .		1
25	A modified priority list-based MILP method for solving large-scale unit commitment problems. , 2015, , .		1
26	Adaptive resource allocation in cooperative OFDM networks for throughput and fairness improvement. , 2009, , .		0
27	Optimum quantization and reconstruction of power flows from voltage measurements at dispersed buses. , 2012, , .		0
28	Optimal Power System Black start using Inverter-Based Generation. , 2021, , .		0