

Dawei He

List of Publications by Year in descending order

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22
papers

630
citations

1307594

7
h-index

1720034

7
g-index

22
all docs

22
docs citations

22
times ranked

650
citing authors

#	ARTICLE	IF	CITATIONS
1	Electric Load Classification by Binary Voltageâ€“Current Trajectory Mapping. IEEE Transactions on Smart Grid, 2016, 7, 358-365.	9.0	88
2	Online Supplementary ADP Learning Controller Design and Application to Power System Frequency Control With Large-Scale Wind Energy Integration. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 1748-1761.	11.3	60
3	A Short-Term Wind Power Forecasting Approach With Adjustment of Numerical Weather Prediction Input by Data Mining. IEEE Transactions on Sustainable Energy, 2015, 6, 1283-1291.	8.8	152
4	Feature Extraction for Load Identification Using Long-Term Operating Waveforms. IEEE Transactions on Smart Grid, 2015, 6, 819-826.	9.0	21
5	Approximate dynamic programming based supplementary reactive power control for DFIG wind farm to enhance power system stability. Neurocomputing, 2015, 170, 417-427.	5.9	34
6	A random forest method for real-time price forecasting in New York electricity market. , 2014, , .		44
7	Random forest based adaptive non-intrusive load identification. , 2014, , .		6
8	Approximate dynamic programming based supplementary frequency control of thermal generators in power systems with large-scale renewable generation integration. , 2014, , .		9
9	Reactive power control of DFIG wind farm using online supplementary learning controller based on approximate dynamic programming. , 2014, , .		6
10	Incorporating Non-Intrusive Load Monitoring Into Building Level Demand Response. IEEE Transactions on Smart Grid, 2013, 4, 1870-1877.	9.0	93
11	Utilizing building-level demand response in frequency regulation of actual microgrids. , 2013, , .		2
12	Design considerations for non-intrusive load monitoring hardware platforms in smart building. , 2013, , .		1
13	Short-term wind power forecasting based on numerical weather prediction adjustment. , 2013, , .		8
14	The impact of demand response on rural island power system operation. , 2013, , .		0
15	The impact of trading wind power in energy-and-reserve market on power system dynamic control. , 2013, , .		0
16	Support vector machine based methods for non-intrusive identification of miscellaneous electric loads. , 2012, , .		16
17	A scheme for building demand response based on a comprehensive load profile. , 2012, , .		4
18	Design of a dual half bridge DC-DC converter for an ultra-capacitor based auxiliary power source in electric vehicles. , 2012, , .		2

#	ARTICLE	IF	CITATIONS
19	Front-End Electronic Circuit Topology Analysis for Model-Driven Classification and Monitoring of Appliance Loads in Smart Buildings. IEEE Transactions on Smart Grid, 2012, 3, 2286-2293.	9.0	68
20	Chance constrained unit commitment with wind generation and superconducting magnetic energy storages. , 2012, , .		7
21	Electronic circuit survey for office load monitoring and identification. , 2012, , .		5
22	The impact of trading wind power in both energy and regulation reserve market on system operation. , 2012, , .		4