Dawei He

List of Publications by Year
in descending order

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	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
2	Incorporating Non-Intrusive Load Monitoring Into Building Level Demand Response. IEEE Transactions on Smart Grid, 2013, 4, 1870-1877.	9.0	93
3	Electric Load Classification by Binary Voltage–Current Trajectory Mapping. IEEE Transactions on Smart Grid, 2016, 7, 358-365.	9.0	88
4	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
5	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
6	A random forest method for real-time price forecasting in New York electricity market. , 2014, , .		44
7	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
8	Feature Extraction for Load Identification Using Long-Term Operating Waveforms. IEEE Transactions on Smart Grid, 2015, 6, 819-826.	9.0	21
9	Support vector machine based methods for non-intrusive identification of miscellaneous electric loads. , 2012, , .		16
10	Approximate dynamic programming based supplementary frequency control of thermal generators in power systems with large-scale renewable generation integration. , 2014, , .		9
11	Short-term wind power forecasting based on numerical weather prediction adjustment. , 2013, , .		8
12	Chance constrained unit commitment with wind generation and superconducting magnetic energy storages. , 2012, , .		7
13	Random forest based adaptive non-intrusive load identification. , 2014, , .		6
14	Reactive power control of DFIG wind farm using online supplementary learning controller based on approximate dynamic programming. , 2014, , .		6
15	Electronic circuit survey for office load monitoring and identification. , 2012, , .		5
16	A scheme for building demand response based on a comprehensive load profile. , 2012, , .		4
17	The impact of trading wind power in both energy and regulation reserve market on system operation. , 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	Utilizing building-level demand response in frequency regulation of actual microgrids. , 2013, , .		2
20	Design considerations for non-intrusive load monitoring hardware platforms in smart building. , 2013, , .		1
21	The impact of demand response on rural island power system operation. , 2013, , .		0
22	The impact of trading wind power in energy-and-reserve market on power system dynamic control. , 2013, , .		0