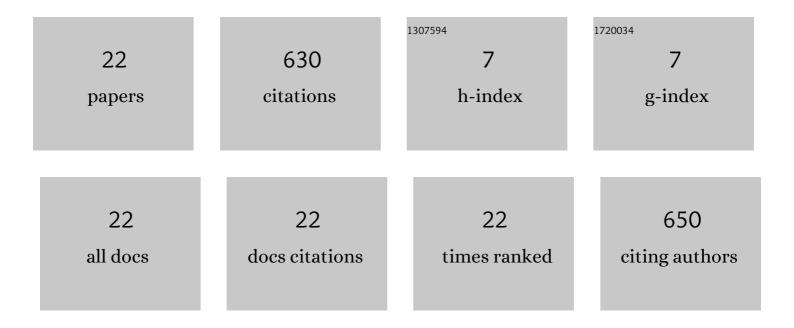
Dawei He

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Electric Load Classification by Binary Voltage–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		2

electric vehicles. , 2012, , .

#ARTICLEIFCITATIONS19Front-End Electronic Circuit Topology Analysis for Model-Driven Classification and Monitoring of
Appliance Loads in Smart Buildings. IEEE Transactions on Smart Grid, 2012, 3, 2286-2293.9.06820Chance constrained unit commitment with wind generation and superconducting magnetic energy
storages., 2012,,.721Electronic circuit survey for office load monitoring and identification., 2012,,.522The impact of trading wind power in both energy and regulation reserve market on system operation.,4

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