Yongbao Chen

List of Publications by Year
in descending order

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Version: 2024-02-01

		758635	887659
17	1,155	12	17
papers	citations	h-index	g-index

17	17	17	878
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Multi-objective residential load scheduling approach for demand response in smart grid. Sustainable Cities and Society, 2022, 76, 103530.	5.1	35
2	Physical energy and data-driven models in building energy prediction: A review. Energy Reports, 2022, 8, 2656-2671.	2.5	98
3	Optimal Control Strategies for Demand Response in Buildings under Penetration of Renewable Energy. Buildings, 2022, 12, 371.	1.4	13
4	Electricity demand response schemes in China: Pilot study and future outlook. Energy, 2021, 224, 120042.	4.5	32
5	Dynamic modeling of solar-assisted ground source heat pump using Modelica. Applied Thermal Engineering, 2021, 196, 117324.	3.0	13
6	A novel short-term load forecasting framework based on time-series clustering and early classification algorithm. Energy and Buildings, 2021, 251, 111375.	3.1	38
7	Short-term metropolitan-scale electric load forecasting based on load decomposition and ensemble algorithms. Energy and Buildings, 2020, 225, 110343.	3.1	22
8	Experimental investigation of demand response potential of buildings: Combined passive thermal mass and active storage. Applied Energy, 2020, 280, 115956.	5.1	58
9	A simplified HVAC energy prediction method based on degree-day. Sustainable Cities and Society, 2019, 51, 101698.	5.1	55
10	Quantification of electricity flexibility in demand response: Office building case study. Energy, 2019, 188, 116054.	4.5	79
11	Electricity demand flexibility performance of a sorption-assisted water storage on building heating. Applied Thermal Engineering, 2019, 156, 640-652.	3.0	10
12	A Peer-to-Peer Electricity System and Its Simulation. IOP Conference Series: Earth and Environmental Science, 2019, 238, 012081.	0.2	1
13	Overview of computational intelligence for building energy system design. Renewable and Sustainable Energy Reviews, 2019, 108, 76-90.	8.2	38
14	Measures to improve energy demand flexibility in buildings for demand response (DR): A review. Energy and Buildings, 2018, 177, 125-139.	3.1	226
15	Short-term electrical load forecasting using the Support Vector Regression (SVR) model to calculate the demand response baseline for office buildings. Applied Energy, 2017, 195, 659-670.	5.1	419
16	Research on the performance of an adsorption heat pump in winter demand response. Science and Technology for the Built Environment, 2017, 23, 449-456.	0.8	6
17	Validation of electronic anti-fouling technology in the spray water side of evaporative cooler. International Journal of Heat and Mass Transfer, 2016, 93, 624-628.	2.5	12