Forecasting residential electricity consumption using a
hybrid machine learning model with online search data

#	Paper	IF	Citations
12	Household Energy Consumption Prediction Using the Stationary Wavelet Transform and Transformers. *IEEE Access*, **2022**, 1-1	3.5	5
11	Predicting Electricity Consumption in Microgrid-Based Educational Building Using Google Trends, Google Mobility, and COVID-19 Data in the Context of COVID-19 Pandemic. *IEEE Access*, **2022**, 10, 32255-32270	3.5	0
10	A review on the integration and optimization of distributed energy systems. *Renewable and Sustainable Energy Reviews*, **2022**, 162, 112440	16.2	3
9	Study on a Discharge Circuit Prediction Model of High-Voltage Electro-Pulse Boring Based on Bayesian Fusion. *Energies*, **2022**, 15, 3824	3.1	
8	A novel two-stage seasonal grey model for residential electricity consumption forecasting. *Energy*, **2022**, 124664	7.9	0
7	Carbon emission and thermal comfort prediction model for an office building considering the contribution rate of design parameters. *Energy Reports*, **2022**, 8, 8093-8107	4.6	0
6	Mid-term electricity demand forecasting using improved variational mode decomposition and extreme learning machine optimized by sparrow search algorithm. **2022**, 261, 125328		1
5	An ensemble forecasting system for short-term power load based on multi-objective optimizer and fuzzy granulation. **2022**, 327, 120042		0
4	Broad learning system based on Savitzky Golay filter and variational mode decomposition for short-term load forecasting. **2022**,		0
3	Coupling the Causal Inference and Informer Networks for Short-term Forecasting in Irrigation Water Usage.		0
2	Optimal dispatch of a multi-energy system microgrid under uncertainty: A renewable energy community in Austria. **2023**, 337, 120913		0
1	Data sharing in energy systems. **2023**, 10, 100132		0