Solar energy integration in buildings

#	Paper	IF	Citations
15	Design and development of lead-free glass-metallic vacuum materials for the construction and thermal performance of smart fusion edge-sealed vacuum glazing. *Energy and Buildings*, **2020**, 227, 110430	7	11
14	Optimal design of timber-glass upgrade modules for vertical building extension from the viewpoints of energy efficiency and visual comfort. *Applied Energy*, **2020**, 270, 115173	10.7	1
13	A novel disinfected Trombe wall for space heating and virus inactivation: Concept and performance investigation. *Applied Energy*, **2021**, 291, 116789	10.7	5
12	Strategical district cooling system operation with accurate spatiotemporal consumption modeling. *Energy and Buildings*, **2021**, 247, 111165	7	2
11	Comparative study of the dynamic programming-based and rule-based operation strategies for grid-connected PV-battery systems of office buildings. *Applied Energy*, **2022**, 305, 117875	10.7	9
10	Dynamic heat preservation at night for a Trombe wall with a built-in panel curtain in Western China. *Solar Energy*, **2021**, 213, 284-299	6.8	5
9	Underground solar energy storage via energy piles: An experimental study. *Applied Energy*, **2022**, 306, 118042	10.7	1
8	Carbon reduction in commercial building operations: A provincial retrospection in China. *Applied Energy*, **2022**, 306, 118098	10.7	26
7	Supervised assisted deep reinforcement learning for emergency voltage control of power systems. *Neurocomputing*, **2022**, 475, 69-79	5.4	0
6	Capacity configuration of distributed photovoltaic and battery system for office buildings considering uncertainties. *Applied Energy*, **2022**, 319, 119243	10.7	1
5	A Comprehensive Evaluation Model on Optimal Operational Schedules for Battery Energy Storage System by Maximizing Self-Consumption Strategy and Genetic Algorithm. **2022**, 14, 8821		0
4	An embedded concept for sustainable building. **2022**,		0
3	Experimental study on heating performance of a solar circulating heated embankment system for the treatment of frost heave disease in seasonally frozen regions. **2022**, 248, 41-50		0
2	Energy management of the grid-connected residential photovoltaic-battery system using model predictive control coupled with dynamic programming. **2023**, 279, 112712		0
1	A theory-guided deep-learning method for predicting power generation of multi-region photovoltaic plants. **2023**, 118, 105647		0