

# The optimal photovoltaic system implementation strategy to meet the 2030 emissions reduction target in 2030: Focused on educational buildings

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#	ARTICLE	IF	CITATIONS
1	Heat pump and PV impact on residential low-voltage distribution grids as a function of building and district properties. Applied Energy, 2017, 192, 268-281.	5.1	94
2	Establishment of an optimal occupant behavior considering the energy consumption and indoor environmental quality by region. Applied Energy, 2017, 204, 1431-1443.	5.1	50
3	A simplified estimation model for determining the optimal rooftop photovoltaic system for gable roofs. Energy and Buildings, 2017, 151, 320-331.	3.1	13
4	An agent based model for joint placement of PV panels and green roofs. , 2017, , .		4
5	Advanced Strategies for Net-Zero Energy Building: Focused on the Early Phase and Usage Phase of a Building's Life Cycle. Sustainability, 2017, 9, 2272.	1.6	29
6	Application of Dividing Wall Column in Silane Off-Gas Recovery Process: Optimal Design and Control. Journal of Chemical Engineering of Japan, 2018, 51, 253-263.	0.3	1
7	Estimation of the optimal government rebate for promoting the photovoltaic system in multi-family housing complexes. Renewable and Sustainable Energy Reviews, 2018, 91, 720-728.	8.2	3
8	Towards metamodeling the neighborhood-level grid impact of low-carbon technologies. Energy and Buildings, 2019, 194, 273-288.	3.1	7
9	Development of a multi-objective optimization model for determining the optimal CO2 emissions reduction strategies for a multi-family housing complex. Renewable and Sustainable Energy Reviews, 2019, 110, 118-131.	8.2	25
10	Impact Produced by a Photovoltaic System on the Energy Utilization in an Educational Building. , 2019, , .		1
11	Optimal planning of the joint placement of photovoltaic panels and green roofs under climate change uncertainty. Omega, 2020, 90, 101986.	3.6	14
12	Intelligent planning unit for the artificial intelligent based built environment focusing on human-building interaction. Journal of Asian Architecture and Building Engineering, 2021, 20, 729-746.	1.2	3
13	LCA-Based Investigation of Environmental Impacts for Novel Double-Beam Floor System Subjected to High Gravity Loads. Sustainability, 2020, 12, 9193.	1.6	3
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15	Evolutionary Game Analysis of Green Loans Program to Achieve the National Carbon Emissions Reduction Target in South Korea. Journal of Management in Engineering - ASCE, 2022, 38, .	2.6	14