

# CITATION REPORT

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Impact of roof integrated PV orientation on the residential electricity peak demand

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#	Paper	IF	Citations
45	Design of Multi-Performance Monitoring and Control System for an Experimental BIPVs/BAPVs. <i>Advanced Materials Research</i> , <b>2012</b> , 614-615, 1352-1356	0.5	
44	Photovoltaics literature survey (No. 94). <i>Progress in Photovoltaics: Research and Applications</i> , <b>2012</b> , 20, 501-504	6.8	
43	Monitoring the performance of single and triple junction amorphous silicon modules in two building integrated photovoltaic (BIPV) installations. <i>Applied Energy</i> , <b>2013</b> , 109, 154-162	10.7	41
42	China's solar photovoltaic industry development: The status quo, problems and approaches. <i>Applied Energy</i> , <b>2014</b> , 118, 221-230	10.7	113
41	Development of operational guidelines for thermally activated building system according to heating and cooling load characteristics. <i>Applied Energy</i> , <b>2014</b> , 126, 123-135	10.7	24
40	A framework for understanding and generating integrated solutions for residential peak energy demand. <i>PLoS ONE</i> , <b>2015</b> , 10, e0121195	3.7	7
39	Impact assessment of a hybrid energy-generation system on a residential distribution system in Taiwan. <i>Energy and Buildings</i> , <b>2015</b> , 91, 170-179	7	10
38	Strategies for correlating solar PV array production with electricity demand. <i>Renewable Energy</i> , <b>2015</b> , 76, 432-440	8.1	38
37	Methodology to establish the permitted maximum losses due to shading and orientation in photovoltaic applications in buildings. <i>Applied Energy</i> , <b>2015</b> , 137, 37-45	10.7	18
36	A guide in installing large-scale PV power plant for self consumption mechanism. <i>Solar Energy</i> , <b>2016</b> , 132, 518-537	6.8	27
35	Design and development of a reflective membrane for a novel Building Integrated Concentrating Photovoltaic (BICPV) Smart Window System. <i>Applied Energy</i> , <b>2016</b> , 182, 331-339	10.7	43
34	Implications of high-penetration renewables for ratepayers and utilities in the residential solar photovoltaic (PV) market. <i>Applied Energy</i> , <b>2016</b> , 180, 37-51	10.7	49
33	Review of building integrated applications of photovoltaic and solar thermal systems. <i>Journal of Cleaner Production</i> , <b>2016</b> , 137, 677-689	10.3	84
32	Solar PV integration cost variation due to array orientation and geographic location in the Electric Reliability Council of Texas. <i>Applied Energy</i> , <b>2016</b> , 180, 607-616	10.7	20
31	Impact of electricity tariffs on optimal orientation of photovoltaic modules. <i>Progress in Photovoltaics: Research and Applications</i> , <b>2016</b> , 24, 253-260	6.8	14
30	Statistical analysis of drivers of residential peak electricity demand. <i>Energy and Buildings</i> , <b>2017</b> , 141, 205-217	7.1	31
29	Influence of demand patterns on the optimal orientation of photovoltaic systems. <i>Solar Energy</i> , <b>2017</b> , 155, 1002-1014	6.8	32

28	Energy Matrices of Building Integrated Photovoltaic Thermal Systems: Case Study. <i>Journal of Architectural Engineering</i> , <b>2017</b> , 23, 05017006	1.5	9
27	Operational power performance of south-facing vertical BIPV window system applied in office building. <i>Solar Energy</i> , <b>2017</b> , 145, 66-77	6.8	33
26	Reduction of peak power consumption by using photovoltaic panels in Turkey. <b>2017</b> ,		6
25	Prospects of PV application in unregulated building rooftops in developing countries: A perspective from Saudi Arabia. <i>Energy and Buildings</i> , <b>2018</b> , 171, 76-87	7	41
24	Optimal sizing and energy scheduling of photovoltaic-battery systems under different tariff structures. <i>Renewable Energy</i> , <b>2018</b> , 129, 513-526	8.1	47
23	Non-cumulative only solar photovoltaics for electricity load-matching. <i>Renewable and Sustainable Energy Reviews</i> , <b>2019</b> , 109, 271-283	16.2	20
22	Energy Sustainability at Universities and Its Contribution to SDG 7: A Systematic Literature Review. <i>World Sustainability Series</i> , <b>2020</b> , 29-45	0.6	6
21	Performance assessment of cadmium telluride-based semi-transparent glazing for power saving in faade buildings. <i>Energy and Buildings</i> , <b>2020</b> , 215, 109585	7	30
20	Experimental study of an evacuated tube solar adsorption cooling module and its optimal adsorbent bed design. <i>Solar Energy</i> , <b>2020</b> , 211, 183-191	6.8	5
19	Developing Distributed PV in Beijing: Deployment Potential and Economics. <i>Frontiers in Energy Research</i> , <b>2020</b> , 7,	3.8	2
18	Solar Buildings and Neighborhoods. <i>Green Energy and Technology</i> , <b>2020</b> ,	0.6	
17	Improving Reliability Indices of the Autonomous Power System of Crete Island Utilizing Extended Photovoltaic Installations. <i>Energies</i> , <b>2020</b> , 13, 64	3.1	3
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14	Energy unit cost assessment of six photovoltaic-battery configurations. <i>Renewable Energy</i> , <b>2021</b> , 173, 24-41	8.1	11
13	Photovoltaics in the built environment: A critical review. <i>Energy and Buildings</i> , <b>2021</b> , 253, 111479	7	3
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9	Efficiency of resilient three-part tariff pricing schemes in residential power markets. <i>Energy</i> , <b>2022</b> , 239, 122329	7.9	0
8	Advanced Solar Envelope Design. <i>Green Energy and Technology</i> , <b>2020</b> , 133-166	0.6	
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6	An integrated simulation method for PVSS parametric design using multi-objective optimization. <i>Frontiers of Architectural Research</i> , <b>2021</b> ,	2.3	0
5	Building integration of active solar energy systems: A review of geometrical and architectural characteristics. <i>Renewable and Sustainable Energy Reviews</i> , <b>2022</b> , 112482	16.2	2
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1	Comprehensive analysis of tropical rooftop PV project: A case study in nanning. <b>2023</b> , 9, e14131		0