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Economic feasibility of energy efficiency measures in residential buildings

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#	Paper	IF	Citations
38	Passive building energy savings: A review of building envelope components. <i>Renewable and Sustainable Energy Reviews</i> , 2011 , 15, 3617-3631	16.2	682
37	Energy and exergy analysis of a building integrated semitransparent photovoltaic thermal (BISPVT) system. <i>Applied Energy</i> , 2012 , 96, 409-416	10.7	113
36	Impact of roof integrated PV orientation on the residential electricity peak demand. <i>Applied Energy</i> , 2012 , 92, 204-210	10.7	40
35	Performance evaluation of a building integrated semitransparent photovoltaic thermal system for roof and façade. <i>Energy and Buildings</i> , 2012 , 45, 211-218	7	73
34	Measurements and simulations for peak electrical load reduction in cooling dominated climate. <i>Energy</i> , 2012 , 37, 689-697	7.9	31
33	Design and zonal building energy modeling of a roof integrated solar chimney. <i>Renewable Energy</i> , 2013 , 52, 241-250	8.1	21
32	Decision support model for establishing the optimal energy retrofit strategy for existing multi-family housing complexes. <i>Energy Policy</i> , 2014 , 66, 157-169	7.2	44
31	Policy drivers for improving electricity end-use efficiency in the USA: an economicEngineering analysis. <i>Energy Efficiency</i> , 2014 , 7, 517-546	3	45
30	Green housing: Toward a new energy efficiency paradox?. <i>Cities</i> , 2015 , 49, 76-87	5.6	28
29	Construction Energy Conservation Domain Carbon Transaction Mechanism Economic Efficiency Research. <i>Applied Mechanics and Materials</i> , 2015 , 737, 145-149	0.3	
28	Using BEopt (EnergyPlus) with energy audits and surveys to predict actual residential energy usage. <i>Energy and Buildings</i> , 2015 , 86, 808-816	7	31
27	Review of passive heating/cooling systems of buildings. <i>Energy Science and Engineering</i> , 2016 , 4, 305-333	3.4	44
26	The restriction research for urban area building integrated grid-connected PV power generation potential. <i>Energy</i> , 2016 , 113, 124-143	7.9	27
25	Structural, geographic, and social factors in urban building energy use: Analysis of aggregated account-level consumption data in a megacity. <i>Energy Policy</i> , 2016 , 96, 179-192	7.2	39
24	Optimal selection of energy efficiency measures for energy sustainability of existing buildings. <i>Computers and Operations Research</i> , 2016 , 66, 258-271	4.6	53
23	Assessing incremental cost-efficiency of eco-footprint saving measures for school buildings: The case of the Inner Mongolia region in China. <i>Engineering Economist</i> , 2016 , 61, 244-261	0.8	3
22	Assessment of residential building performances for the different climate zones of Turkey in terms of life cycle energy and cost efficiency. <i>Energy and Buildings</i> , 2016 , 110, 362-376	7	28

21	Building Thermal Performance, Extreme Heat, and Climate Change. <i>Journal of Infrastructure Systems</i> , 2017 , 23, 04016043	2.9	15
20	Building energy efficiency: A research branch made of paradoxes. <i>Renewable and Sustainable Energy Reviews</i> , 2017 , 69, 1064-1076	16.2	47
19	Analysis of Energy Efficiency Measures and Retrofitting Solutions for Social Housing Buildings in Spain as a Way to Mitigate Energy Poverty. <i>Sustainability</i> , 2017 , 9, 1869	3.6	31
18	Will China's building sector participate in emission trading system? Insights from modelling an owner's optimal carbon reduction strategies. <i>Energy Policy</i> , 2018 , 118, 232-244	7.2	32
17	Spatial and temporal analysis of energy use data in Los Angeles public schools. <i>Energy Efficiency</i> , 2018 , 11, 485-497	3	4
16	Regulatory impact assessment for implementing energy efficient lighting standards in the small island developing state of Antigua & Barbuda. <i>Energy Strategy Reviews</i> , 2018 , 22, 216-229	9.8	3
15	Economic parameters in the evaluation studies focusing on building energy efficiency: a review of the underlying rationale, data sources, and assumptions. <i>Energy Procedia</i> , 2019 , 157, 180-192	2.3	8
14	Evolution to Emergence of Green Buildings: A Review. <i>Administrative Sciences</i> , 2019 , 9, 6	2.5	15
13	Using marginal emission factors to improve estimates of emission benefits from appliance efficiency upgrades. <i>Energy Efficiency</i> , 2019 , 12, 585-600	3	9
12	Technologies-based potential analysis on saving energy and water of China's iron and steel industry. <i>Science of the Total Environment</i> , 2020 , 699, 134225	10.2	20
11	Renovation of a social house into a NZEB: Use of renewable energy sources and economic implications. <i>Renewable Energy</i> , 2020 , 159, 356-370	8.1	16
10	Multi-criteria selection of high-performance glazing systems: A case study of an office building in New Cairo, Egypt. <i>Journal of Building Engineering</i> , 2020 , 32, 101466	5.2	4
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6	A Comparative Study for a Building Integrated Semitransparent Photovoltaic Thermal (BISPVT) System Integrated to Roof with and without Duct. <i>Journal of Fundamentals of Renewable Energy and Applications</i> , 2012 , 2, 1-4		3
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