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List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1627102/publications.pdf

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51 papers	1,749 citations	257101 24 h-index	276539 41 g-index
51 all docs	51 docs citations	51 times ranked	2055 citing authors

#	Article	IF	Citations
1	Analysis of Renewable Energy Policies through Decision Trees. Sustainability, 2022, 14, 7720.	1.6	3
2	Decomposition Analysis of the Evolution of the Local Energy System as a Tool to Assess the Effect of Local Actions: Methodology and Example of MalmÃ¶, Sweden. Energies, 2021, 14, 461.	1.6	1
3	Health and Housing Energy Expenditures: A Two-Part Model Approach. Processes, 2021, 9, 943.	1.3	4
4	A new tilted strips external thermal insulation composite system (TiS-ETICS): Description and performance assessment through thermal and energy simulation for a residential building. Journal of Building Engineering, 2021, 38, 101953.	1.6	2
5	Buildings Energy Efficiency and Innovative Energy Systems. Energies, 2021, 14, 5092.	1.6	3
6	PoDIT: Portable Device for Indoor Temperature Stabilization: Concept and Theoretical Performance Assessment. Energies, 2020, 13, 5982.	1.6	1
7	Energy Policy Concerns, Objectives and Indicators: A Review towards a Framework for Effectiveness Assessment. Energies, 2020, 13, 6533.	1.6	6
8	A Review of the Measures and Instruments to Promote Efficiency and Renewable Energy in Domestic Water Heating. Energies, 2020, 13, 5370.	1.6	1
9	Thermochromic Paints on External Surfaces: Impact Assessment for a Residential Building through Thermal and Energy Simulation. Energies, 2020, 13, 1912.	1.6	18
10	Total Solar Reflectance Optimization of the External Paint Coat in Residential Buildings Located in Mediterranean Climates. Energies, 2020, 13, 2729.	1.6	7
11	A Review of the Relation between Household Indoor Temperature and Health Outcomes. Energies, 2020, 13, 2881.	1.6	16
12	Factors That Contribute to Changes in Local or Municipal GHG Emissions: A Framework Derived from a Systematic Literature Review. Energies, 2020, 13, 3205.	1.6	2
13	A scenario-based approach for assessing the energy performance of urban development pathways. Sustainable Cities and Society, 2018, 40, 372-382.	5.1	31
14	Technical and economic feasibility of sustainable heating and cooling supply options in southern European municipalities-A case study for Matosinhos, Portugal. Energy, 2018, 153, 311-323.	4.5	32
15	Lifecycle Cost Analysis of Prefabricated Composite and Masonry Buildings: Comparative Study. Journal of Architectural Engineering, 2018, 24, .	0.8	21
16	Identification of objectives for national energy planning in developing countries. Energy Strategy Reviews, 2018, 21, 218-232.	3.3	5
17	Urban Form and Energy Demand. Journal of Planning Literature, 2017, 32, 346-365.	2.2	75
18	A spatially-explicit methodological framework based on neural networks to assess the effect of urban form on energy demand. Applied Energy, 2017, 202, 386-398.	5.1	37

#	ARTICLE	IF	CITATIONS
19	Methodologies for the evaluation of local climate change mitigation actions: A review. Renewable and Sustainable Energy Reviews, 2017, 79, 681-690.	8.2	23
20	Analysis of the relationship between local climate change mitigation actions and greenhouse gas emissions â€“ Empirical insights. Energy Policy, 2017, 111, 204-213.	4.2	11
21	Modelling the relationship between heating energy use and indoor temperatures in residential buildings through Artificial Neural Networks considering occupant behavior. Energy and Buildings, 2017, 151, 332-343.	3.1	61
22	Pre-fabricated, environmentally friendly and energy self-sufficient single-family house in Kenya. Journal of Cleaner Production, 2017, 142, 2100-2113.	4.6	10
23	Predicting and characterizing indoor temperatures in residential buildings: Results from a monitoring campaign in Northern Portugal. Energy and Buildings, 2016, 119, 293-308.	3.1	37
24	Setting targets for local energy planning: Critical assessment and a new approach. Sustainable Cities and Society, 2016, 26, 421-428.	5.1	26
25	Comparison of passive cooling techniques in improving thermal comfort of occupants of a pre-fabricated building. Energy and Buildings, 2016, 120, 30-44.	3.1	34
26	A methodology for sustainable and inclusive local energy planning. Sustainable Cities and Society, 2015, 17, 110-121.	5.1	44
27	A sustainability assessment of advanced materials for novel housing solutions. Building and Environment, 2015, 92, 182-191.	3.0	38
28	Energy and economic analysis of building retrofit and energy offset scenarios for Net Zero Energy Buildings. Advances in Building Energy Research, 2015, 9, 120-139.	1.1	13
29	Occupantsâ€™ behaviour in energy simulation tools: lessons from a field monitoring campaign regarding lighting and shading control. Journal of Building Performance Simulation, 2015, 8, 338-358.	1.0	25
30	A multi-objective approach for developing national energy efficiency plans. Energy Policy, 2014, 67, 16-27.	4.2	16
31	Impact of using cool paints on energy demand and thermal comfort ofÂa residential building. Applied Thermal Engineering, 2014, 65, 273-281.	3.0	50
32	Characterization of thermal performance and nominal heating gap of the residential building stock using the EPBD-derived databases: The case of Portugal mainland. Energy and Buildings, 2014, 70, 167-179.	3.1	52
33	A review of energy planning practices of members of the Economic Community of West African States. Renewable and Sustainable Energy Reviews, 2014, 31, 202-220.	8.2	8
34	Building envelope shape design in early stages of the design process: Integrating architectural design systems and energy simulation. Automation in Construction, 2013, 32, 196-209.	4.8	136
35	Envelope-related energy demand: A design indicator of energy performance for residential buildings in early design stages. Energy and Buildings, 2013, 61, 215-223.	3.1	59
36	Occupants interaction with electric lighting and shading systems in real single-occupied offices: Results from a monitoring campaign. Building and Environment, 2013, 64, 152-168.	3.0	102

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37	A general indirect representation for optimization of generative design systems by genetic algorithms: Application to a shape grammar-based design system. Automation in Construction, 2013, 35, 374-382.	4.8	26
38	Uncovering the multiple objectives behind national energy efficiency planning. Energy Policy, 2013, 54, 230-239.	4.2	9
39	Strategies to control daylight in a responsive skylight system. Automation in Construction, 2012, 28, 91-105.	4.8	24
40	Energy vs. ventilation rate in buildings: A comprehensive scenario-based assessment in the European context. Energy and Buildings, 2012, 54, 111-121.	3.1	60
41	Influence of shading control patterns on the energy assessment of office spaces. Energy and Buildings, 2012, 50, 35-48.	3.1	85
42	A methodology for economic efficient design of Net Zero Energy Buildings. Energy and Buildings, 2012, 55, 765-778.	3.1	122
43	Recent progress on net zero energy buildings. Advances in Building Energy Research, 2011, 5, 129-162.	1.1	67
44	A multi-criteria evaluation framework for alternative light-duty vehicles technologies. International Journal of Multicriteria Decision Making, 2011, 1, 230.	0.1	6
45	The relevance of the energy resource dynamics in the mid/long-term energy planning models. Renewable Energy, 2011, 36, 3068-3074.	4.3	100
46	Energy sustainability indicators for local energy planning: Review of current practices and derivation of a new framework. Renewable and Sustainable Energy Reviews, 2010, 14, 2723-2735.	8.2	127
47	An exploratory study on energy sustainability indicators for local energy planning. WIT Transactions on Ecology and the Environment, 2009, , .	0.0	2
48	The role of the PASLINK test cell in the modelling and integrated simulation of an innovative window. Building and Environment, 2008, 43, 217-227.	3.0	17
49	Measurement of air temperature in the presence of a large radiant flux: an assessment of assively ventilated thermometer screens. Boundary-Layer Meteorology, 2005, 114, 205-231.	1.2	63
50	Modelling the SOLVENT ventilated window for whole building simulation. Building Services Engineering Research and Technology, 2004, 25, 183-195.	0.9	7
51	â€œSOLVENTâ€• development of a reversible solar-screen glazing system. Energy and Buildings, 2004, 36, 467-480.	3.1	24