

Aikaterini Tsikaloudaki

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

440
citations

758635

12
h-index

752256

20
g-index

23
all docs

23
docs citations

23
times ranked

470
citing authors

#	ARTICLE	IF	CITATIONS
1	On the Establishment of Climatic Zones in Europe with Regard to the Energy Performance of Buildings. <i>Energies</i> , 2012, 5, 32-44.	1.6	63
2	Urban space's morphology and microclimatic analysis: A study for a typical urban district in the Mediterranean city of Thessaloniki, Greece. <i>Energy and Buildings</i> , 2017, 156, 96-108.	3.1	59
3	Urban Warming and Cities' Microclimates: Investigation Methods and Mitigation Strategies" A Review. <i>Energies</i> , 2020, 13, 1414.	1.6	45
4	Daylighting and Visual Comfort in Buildings' Environmental Performance Assessment Tools: A Critical Review. <i>Procedia Environmental Sciences</i> , 2017, 38, 522-529.	1.3	35
5	Thermal behaviour of a green vs. a conventional roof under Mediterranean climate conditions. <i>International Journal of Sustainable Energy</i> , 2014, 33, 227-241.	1.3	34
6	Thermal bridging problems on advanced cladding systems and smart building facades. <i>Journal of Cleaner Production</i> , 2019, 214, 62-69.	4.6	34
7	The energy performance of windows in Mediterranean regions. <i>Energy and Buildings</i> , 2015, 92, 180-187.	3.1	32
8	Assessing the accuracy of predictive thermal bridge heat flow methodologies. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 136, 110437.	8.2	25
9	A study on luminous efficacy of global radiation under clear sky conditions in Athens, Greece. <i>Renewable Energy</i> , 2005, 30, 551-563.	4.3	20
10	Rethinking user based innovation: Assessing public and professional perceptions of energy efficient building facades in Greece, Italy and Spain. <i>Energy Research and Social Science</i> , 2018, 38, 165-177.	3.0	16
11	The Effect of Climate Conditions on the Relation between Energy Efficiency and Urban Form. <i>Energies</i> , 2018, 11, 582.	1.6	15
12	Coupling a Building Energy Simulation Tool with a Microclimate Model to Assess the Impact of cool Pavements on the Building's Energy Performance. Application in a Dense Residential Area. <i>Sustainability</i> , 2019, 11, 2519.	1.6	15
13	Evaluating the Combined Effect of Climate Change and Urban Microclimate on Buildings' Heating and Cooling Energy Demand in a Mediterranean City. <i>Energies</i> , 2021, 14, 5799.	1.6	12
14	Evaluation of stochastically generated weather datasets for building energy simulation. <i>Energy Procedia</i> , 2017, 122, 853-858.	1.8	11
15	Assessing the Energy Performance of Prefabricated Buildings Considering Different Wall Configurations and the Use of PCMs in Greece. <i>Energies</i> , 2020, 13, 5026.	1.6	9
16	Energy and thermal modeling of building facade integrated photovoltaics. <i>Thermal Science</i> , 2018, 22, 921-932.	0.5	6
17	Indoor Acoustic Comfort Provided by an Innovative Preconstructed Wall Module: Sound Insulation Performance Analysis. <i>Sustainability</i> , 2020, 12, 8666.	1.6	5
18	Energy rating of windows for the cooling season: a proposal for Europe. <i>International Journal of Sustainable Building Technology and Urban Development</i> , 2014, 5, 277-285.	1.0	1

#	ARTICLE	IF	CITATIONS
19	Conventional vs Prefabricated Buildings: Pursuing the Goal of Sustainability. , 0, , 289-296.		1
20	Sustainable prefabricated buildings: a holistic approach. Renewable Energy and Environmental Sustainability, 2022, 7, 11.	0.7	1
21	Dynamic Performance Analysis by Laboratory Tests of a Sustainable Prefabricated Composite Structural Wall System. Energies, 2022, 15, 3458.	1.6	1
22	Upgrading the Building Facades in Low-Density Residential Areas. Advances in Civil and Industrial Engineering Book Series, 2020, , 216-243.	0.2	0
23	Smart buildings for smart cities: Analysis of the Smart Readiness Indicator. , 0, , .		0