

Elena G Dascalaki

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

40
papers

1,777
citations

23
h-index

41
g-index

41
ext. papers

1,966
ext. citations

6.4
avg, IF

4.69
L-index

#	Paper	IF	Citations
40	Heating energy consumption and resulting environmental impact of European apartment buildings. <i>Energy and Buildings</i> , 2005 , 37, 429-442	7	174
39	HVAC and indoor thermal conditions in hospital operating rooms. <i>Energy and Buildings</i> , 2007 , 39, 454-470	7	152
38	Building typologies as a tool for assessing the energy performance of residential buildings [A case study for the Hellenic building stock. <i>Energy and Buildings</i> , 2011 , 43, 3400-3409	7	140
37	Energy performance and indoor environmental quality in Hellenic schools. <i>Energy and Buildings</i> , 2011 , 43, 718-727	7	96
36	Dynamic building stock modelling: Application to 11 European countries to support the energy efficiency and retrofit ambitions of the EU. <i>Energy and Buildings</i> , 2016 , 132, 26-38	7	93
35	Data collection and analysis of the building stock and its energy performance [An example for Hellenic buildings. <i>Energy and Buildings</i> , 2010 , 42, 1231-1237	7	82
34	Energy conservation and retrofitting potential in Hellenic hotels. <i>Energy and Buildings</i> , 1996 , 24, 65-75	7	78
33	Deterioration of European apartment buildings. <i>Energy and Buildings</i> , 2005 , 37, 515-527	7	76
32	Passive solar agricultural greenhouses: A worldwide classification and evaluation of technologies and systems used for heating purposes. <i>Solar Energy</i> , 1994 , 53, 411-426	6.8	74
31	Energy conservation potential, HVAC installations and operational issues in Hellenic airports. <i>Energy and Buildings</i> , 2003 , 35, 1105-1120	7	70
30	Energy performance of buildings [EPBD in Greece. <i>Energy Policy</i> , 2012 , 45, 469-477	7.2	68
29	XENIOS [methodology for assessing refurbishment scenarios and the potential of application of RES and RUE in hotels. <i>Energy and Buildings</i> , 2004 , 36, 1091-1105	7	66
28	Mapping the energy performance of hellenic residential buildings from EPC (energy performance certificate) data. <i>Energy</i> , 2016 , 98, 284-295	7.9	64
27	Energy characteristics and savings potential in office buildings. <i>Solar Energy</i> , 1994 , 52, 59-66	6.8	56
26	Indoor environmental quality in Hellenic hospital operating rooms. <i>Energy and Buildings</i> , 2009 , 41, 551-560	7	53
25	Air quality in hospital operating rooms. <i>Building and Environment</i> , 2008 , 43, 1945-1952	6.5	53
24	Empirical assessment of calculated and actual heating energy use in Hellenic residential buildings. <i>Applied Energy</i> , 2016 , 164, 115-132	10.7	52

23	Modeling energy refurbishment scenarios for the Hellenic residential building stock towards the 2020 & 2030 targets. <i>Energy and Buildings</i> , 2016 , 132, 74-90	7	44
22	Energy performance and energy conservation in health care buildings in hellas. <i>Energy Conversion and Management</i> , 1994 , 35, 293-305	10.6	43
21	Energy consumption and the potential for energy conservation in school buildings in Hellas. <i>Energy</i> , 1994 , 19, 653-660	7.9	35
20	Natural convection heat transfer coefficients from vertical and horizontal surfaces for building applications. <i>Energy and Buildings</i> , 1994 , 20, 243-249	7	34
19	Energy certification of Hellenic buildings: First findings. <i>Energy and Buildings</i> , 2013 , 65, 429-437	7	32
18	Ranking cost effective energy conservation measures for heating in Hellenic residential buildings. <i>Energy and Buildings</i> , 2014 , 70, 318-332	7	28
17	Towards an energy efficient European housing stock: Monitoring, mapping and modelling retrofiting processes. <i>Energy and Buildings</i> , 2016 , 132, 1-3	7	22
16	On the energy consumption and indoor air quality in office and hospital buildings in Athens, Hellas. <i>Energy Conversion and Management</i> , 1994 , 35, 385-394	10.6	19
15	Modeling large openings with COMIS. <i>Energy and Buildings</i> , 1999 , 30, 105-115	7	15
14	Benchmarking Energy Use of Existing Hellenic Non-residential Buildings. <i>Procedia Environmental Sciences</i> , 2017 , 38, 713-720		10
13	Analysis of the embodied energy of construction materials in the life cycle assessment of Hellenic residential buildings. <i>Energy and Buildings</i> , 2021 , 232, 110651	7	9
12	Baselines for Energy Use and Carbon Emission Intensities in Hellenic Nonresidential Buildings. <i>Energies</i> , 2020 , 13, 2100	3.1	8
11	Urban Sustainability Audits and Ratings of the Built Environment. <i>Energies</i> , 2019 , 12, 4243	3.1	8
10	High Performance Data Centers and Energy Efficiency Potential in Greece. <i>Procedia Environmental Sciences</i> , 2017 , 38, 107-114		5
9	Energy Use Intensities for Asset Rating of Hellenic Non-Residential Buildings. <i>Global Journal of Energy Technology Research Updates</i> , 2018 , 5, 19-36	0	4
8	Intelligent Services for Building Information Modeling - Assessing Variable Input Weather Data for Building Simulations. <i>Open Construction and Building Technology Journal</i> , 2013 , 7, 138-145	1.1	4
7	Benchmarks for Embodied and Operational Energy Assessment of Hellenic Single-Family Houses. <i>Energies</i> , 2020 , 13, 4384	3.1	4
6	Climate Change Scenarios and Their Implications on the Energy Performance of Hellenic Non-Residential Buildings. <i>Sustainability</i> , 2021 , 13, 13005	3.6	2

5	Unveiling the existing condition and energy use in Hellenic school buildings. <i>Energy and Buildings</i> , 2021 , 247, 111150	7	2
4	Impacts on Indoor Thermal Comfort and Heating Energy Use in Hellenic Dwellings from Occupant Behavioral Reactions. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 6254	2.6	1
3	Representative typology of buildings: case study of hellenic non residential buildings. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> ,1-21	1.6	1
2	THERMAL AND AIR FLOW PHENOMENA. <i>International Journal of Solar Energy</i> , 1997 , 19, 59-80		
1	Towards a Sustainable Refurbishment of the Hellenic Residential Building Stock 2020 , 199-218		