

Elena G Dascalaki

List of Publications by Year in descending order

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41
papers

2,232
citations

257101

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329751

37
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41
all docs

41
docs citations

41
times ranked

2006
citing authors

#	ARTICLE	IF	CITATIONS
1	HVAC and indoor thermal conditions in hospital operating rooms. Energy and Buildings, 2007, 39, 454-470.	3.1	196
2	Heating energy consumption and resulting environmental impact of European apartment buildings. Energy and Buildings, 2005, 37, 429-442.	3.1	194
3	Building typologies as a tool for assessing the energy performance of residential buildings – A case study for the Hellenic building stock. Energy and Buildings, 2011, 43, 3400-3409.	3.1	171
4	Dynamic building stock modelling: Application to 11 European countries to support the energy efficiency and retrofit ambitions of the EU. Energy and Buildings, 2016, 132, 26-38.	3.1	128
5	Energy performance and indoor environmental quality in Hellenic schools. Energy and Buildings, 2011, 43, 718-727.	3.1	121
6	Data collection and analysis of the building stock and its energy performance – An example for Hellenic buildings. Energy and Buildings, 2010, 42, 1231-1237.	3.1	94
7	Energy conservation and retrofitting potential in Hellenic hotels. Energy and Buildings, 1996, 24, 65-75.	3.1	93
8	Mapping the energy performance of hellenic residential buildings from EPC (energy performance) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4	4.5	90
9	Passive solar agricultural greenhouses: A worldwide classification and evaluation of technologies and systems used for heating purposes. Solar Energy, 1994, 53, 411-426.	2.9	89
10	Deterioration of European apartment buildings. Energy and Buildings, 2005, 37, 515-527.	3.1	89
11	Energy performance of buildings – EPBD in Greece. Energy Policy, 2012, 45, 469-477.	4.2	87
12	Energy conservation potential, HVAC installations and operational issues in Hellenic airports. Energy and Buildings, 2003, 35, 1105-1120.	3.1	85
13	XENIOS – a methodology for assessing refurbishment scenarios and the potential of application of RES and RUE in hotels. Energy and Buildings, 2004, 36, 1091-1105.	3.1	77
14	Empirical assessment of calculated and actual heating energy use in Hellenic residential buildings. Applied Energy, 2016, 164, 115-132.	5.1	69
15	Indoor environmental quality in Hellenic hospital operating rooms. Energy and Buildings, 2009, 41, 551-560.	3.1	66
16	Air quality in hospital operating rooms. Building and Environment, 2008, 43, 1945-1952.	3.0	63
17	Energy characteristics and savings potential in office buildings. Solar Energy, 1994, 52, 59-66.	2.9	62
18	Modeling energy refurbishment scenarios for the Hellenic residential building stock towards the 2020 & 2030 targets. Energy and Buildings, 2016, 132, 74-90.	3.1	59

#	ARTICLE	IF	CITATIONS
19	Energy performance and energy conservation in health care buildings in hellas. Energy Conversion and Management, 1994, 35, 293-305.	4.4	46
20	Energy certification of Hellenic buildings: First findings. Energy and Buildings, 2013, 65, 429-437.	3.1	43
21	Natural convection heat transfer coefficients from vertical and horizontal surfaces for building applications. Energy and Buildings, 1994, 20, 243-249.	3.1	39
22	Energy consumption and the potential for energy conservation in school buildings in Hellas. Energy, 1994, 19, 653-660.	4.5	39
23	Ranking cost effective energy conservation measures for heating in Hellenic residential buildings. Energy and Buildings, 2014, 70, 318-332.	3.1	32
24	Towards an energy efficient European housing stock: Monitoring, mapping and modelling retrofiting processes. Energy and Buildings, 2016, 132, 1-3.	3.1	32
25	Analysis of the embodied energy of construction materials in the life cycle assessment of Hellenic residential buildings. Energy and Buildings, 2021, 232, 110651.	3.1	25
26	On the energy consumption and indoor air quality in office and hospital buildings in Athens, Hellas. Energy Conversion and Management, 1994, 35, 385-394.	4.4	20
27	Modeling large openings with COMIS. Energy and Buildings, 1999, 30, 105-115.	3.1	18
28	High Performance Data Centers and Energy Efficiency Potential in Greece. Procedia Environmental Sciences, 2017, 38, 107-114.	1.3	18
29	Urban Sustainability Audits and Ratings of the Built Environment. Energies, 2019, 12, 4243.	1.6	18
30	Benchmarks for Embodied and Operational Energy Assessment of Hellenic Single-Family Houses. Energies, 2020, 13, 4384.	1.6	15
31	Benchmarking Energy Use of Existing Hellenic Non-residential Buildings. Procedia Environmental Sciences, 2017, 38, 713-720.	1.3	11
32	Baselines for Energy Use and Carbon Emission Intensities in Hellenic Nonresidential Buildings. Energies, 2020, 13, 2100.	1.6	11
33	Unveiling the existing condition and energy use in Hellenic school buildings. Energy and Buildings, 2021, 247, 111150.	3.1	9
34	Intelligent Services for Building Information Modeling - Assessing Variable Input Weather Data for Building Simulations. Open Construction and Building Technology Journal, 2013, 7, 138-145.	0.3	7
35	Energy Use Intensities for Asset Rating of Hellenic Non-Residential Buildings. Global Journal of Energy Technology Research Updates, 2018, 5, 19-36.	0.2	5
36	Climate Change Scenarios and Their Implications on the Energy Performance of Hellenic Non-Residential Buildings. Sustainability, 2021, 13, 13005.	1.6	5

#	ARTICLE	IF	CITATIONS
37	Impacts on Indoor Thermal Comfort and Heating Energy Use in Hellenic Dwellings from Occupant Behavioral Reactions. Applied Sciences (Switzerland), 2021, 11, 6254.	1.3	4
38	Representative typology of buildings: case study of hellenic non residential buildings. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-21.	1.2	2
39	THERMAL AND AIR FLOW PHENOMENA. International Journal of Solar Energy, 1997, 19, 59-80.	0.2	0
40	Prevažila ¾enje razlike između stvarne i proračunate energije grejanja modeliranjem fonda stambenih zgrada metodom odozdo naviše (bottom-up). KGH Klimatizacija, Grejanje, Hlaćenje, 2017, 46, 59.	0.0	0
41	Towards a Sustainable Refurbishment of the Hellenic Residential Building Stock. , 2020, , 199-218.		0