Ioannis D Mandilaras

List of Publications by Year
in descending order

15	881	933264 10	996849 15
papers	citations	h-index	g-index

15	15	15	956
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The behavior of self-compacting concrete containing micro-encapsulated Phase Change Materials. Cement and Concrete Composites, 2009, 31, 731-743.	4.6	397
2	Comparative assessment of internal and external thermal insulation systems for energy efficient retrofitting of residential buildings. Energy and Buildings, 2013, 64, 123-131.	3.1	173
3	Thermal performance of a building envelope incorporating ETICS with vacuum insulation panels and EPS. Energy and Buildings, 2014, 85, 654-665.	3.1	83
4	A comparative assessment of the standardized methods for the inâ€“situ measurement of the thermal resistance of building walls. Energy and Buildings, 2017, 154, 198-206.	3.1	60
5	A hybrid methodology for the determination of the effective heat capacity of PCM enhanced building components. Renewable Energy, 2015, 76, 790-804.	4.3	31
6	Two new methods for the in-situ measurement of the overall thermal transmittance of cold frame lightweight steel-framed walls. Energy and Buildings, 2018, 170, 183-194.	3.1	29
7	Scrutinizing Gypsum Board Thermal Performance at Dehydration Temperatures. Journal of Fire Sciences, 2011, 29, 111-130.	0.9	21
8	Experimental investigation of the fire resistance of multi-layer drywall systems incorporating Vacuum Insulation Panels and Phase Change Materials. Fire Safety Journal, 2016, 81, 8-16.	1.4	21
9	Treatment of natural stones with Phase Change Materials: Experiments and computational approaches. Applied Thermal Engineering, 2012, 48, 136-143.	3.0	18
10	Energy Savings in an Office Building with High WWR Using Glazing Systems Combining Thermochromic and Electrochromic Layers. Energies, 2020, 13, 3020.	1.6	18
11	Fire behavior of regular and latent heat storage gypsum boards. Fire and Materials, 2015, 39, 507-517.	0.9	8
12	Numerical investigation of the effect of vacuum insulation panels on the thermal bridges of a lightweight drywall envelope. Journal of Facade Design and Engineering, 2016, 4, 3-18.	0.1	8
13	Thermal Assessment of a Novel Drywall System Insulated with VIPs. Energies, 2019, 12, 2373.	1.6	7
14	Simplified correlations of gypsum board thermal properties for simulation tools. Fire and Materials, 2016, 40, 229-245.	0.9	6
15	Experimental determination of the effective thermal conductivity of Vacuum Insulation Panels at fire temperatures. Fire and Materials, 2017, 41, 738-749.	0.9	1