

# Ioannis D Mandilaras

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1457874/publications.pdf>

Version: 2024-02-01

15  
papers

881  
citations

933264

10  
h-index

996849

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

956  
citing authors

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