

Ignacio Zabalza

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.

19
papers

1,732
citations

16
h-index

22
g-index

22
ext. papers

1,940
ext. citations

7
avg, IF

4.83
L-index

#	Paper	IF	Citations
19	Life cycle assessment of building materials: Comparative analysis of energy and environmental impacts and evaluation of the eco-efficiency improvement potential. <i>Building and Environment</i> , 2011 , 46, 1133-1140	6.5	702
18	Life cycle assessment in buildings: State-of-the-art and simplified LCA methodology as a complement for building certification. <i>Building and Environment</i> , 2009 , 44, 2510-2520	6.5	447
17	Life cycle assessment in buildings: The ENSLIC simplified method and guidelines. <i>Energy</i> , 2011 , 36, 1900-1907	6.5	110
16	Energy Performance Certification of Faculty Buildings in Spain: The gap between estimated and real energy consumption. <i>Energy Conversion and Management</i> , 2016 , 125, 141-153	10.6	71
15	Forecasting job creation from renewable energy deployment through a value-chain approach. <i>Renewable and Sustainable Energy Reviews</i> , 2013 , 21, 262-271	16.2	62
14	Use of LCA as a Tool for Building Ecodesign. A Case Study of a Low Energy Building in Spain. <i>Energies</i> , 2013 , 6, 3901-3921	3.1	40
13	Phase change material applications in buildings: an environmental assessment for some Spanish climate severities. <i>Science of the Total Environment</i> , 2013 , 444, 16-25	10.2	39
12	Environmental assessment of domestic solar hot water systems: a case study in residential and hotel buildings. <i>Journal of Cleaner Production</i> , 2015 , 88, 29-42	10.3	38
11	Energy efficiency in transport and mobility from an eco-efficiency viewpoint. <i>Energy</i> , 2011 , 36, 1916-1923	3.9	35
10	Analysis of Energy Efficiency Measures and Retrofitting Solutions for Social Housing Buildings in Spain as a Way to Mitigate Energy Poverty. <i>Sustainability</i> , 2017 , 9, 1869	3.6	31
9	Energy Vulnerability Composite Index in Social Housing, from a Household Energy Poverty Perspective. <i>Sustainability</i> , 2017 , 9, 691	3.6	29
8	Environmental-benefit analysis of two urban waste collection systems. <i>Science of the Total Environment</i> , 2013 , 463-464, 72-7	10.2	25
7	Economic and environmental analysis of the wine bottle production in Spain by means of life cycle assessment 2005 , 4, 178		25
6	Estimation of the energy content of the residual fraction refused by MBT plants: a case study in Zaragoza MBT plant. <i>Journal of Cleaner Production</i> , 2012 , 20, 38-46	10.3	22
5	Analysis of the environmental performance of life-cycle building waste management strategies in tertiary buildings. <i>Journal of Cleaner Production</i> , 2016 , 130, 143-154	10.3	18
4	Feasibility analysis of fuel cells for combined heat and power systems in the tertiary sector. <i>International Journal of Hydrogen Energy</i> , 2007 , 32, 1396-1403	6.7	17
3	Study of the environmental performance of end-of-life tyre recycling through a simplified mathematical approach. <i>Thermal Science</i> , 2012 , 16, 889-899	1.2	16

- 2 Building Energy Assessment and Computer Simulation Applied to Social Housing in Spain. *Buildings*, **2018**, 8, 11 3.2 5
- 1 Combining Flipped Classroom Model and Educational Videos for Improving Teaching-Learning Process in Thermodynamics and Thermal Engineering. *Proceedings (mdpi)*, **2018**, 2, 1329 0.3