

# Luis Prez-Lombard Martn de Oliva

## List of Publications by Year in Descending Order

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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.

17  
papers

4,301  
citations

12  
h-index

17  
g-index

17  
ext. papers

4,961  
ext. citations

6.8  
avg, IF

5.62  
L-index

#	Paper	IF	Citations
17	A review on buildings energy information: Trends, end-uses, fuels and drivers. <i>Energy Reports</i> , <b>2022</b> , 8, 626-637	4.6	16
16	A cross-country review on energy efficiency drivers. <i>Applied Energy</i> , <b>2021</b> , 289, 116681	10.7	4
15	Revisiting Kaya Identity to define an Emissions Indicators Pyramid. <i>Journal of Cleaner Production</i> , <b>2021</b> , 317, 128328	10.3	1
14	A new RC and g-function hybrid model to simulate vertical ground heat exchangers. <i>Renewable Energy</i> , <b>2015</b> , 78, 631-642	8.1	19
13	Fitting conduction transfer function method to low Fourier numbers: application to ground-coupled floors. <i>Journal of Building Performance Simulation</i> , <b>2015</b> , 8, 424-434	2.8	1
12	Revisiting energy efficiency fundamentals. <i>Energy Efficiency</i> , <b>2013</b> , 6, 239-254	3	47
11	Improving direct solar shading calculations within building energy simulation tools. <i>Journal of Building Performance Simulation</i> , <b>2013</b> , 6, 437-448	2.8	9
10	Development of an energy management system for a naphtha reforming plant: A data mining approach. <i>Energy Conversion and Management</i> , <b>2013</b> , 67, 217-225	10.6	28
9	Constructing HVAC energy efficiency indicators. <i>Energy and Buildings</i> , <b>2012</b> , 47, 619-629	7	35
8	Decision system based on neural networks to optimize the energy efficiency of a petrochemical plant. <i>Expert Systems With Applications</i> , <b>2012</b> , 39, 9860-9867	7.8	22
7	Improving energy efficiency in a naphtha reforming plant using Six Sigma methodology. <i>Fuel Processing Technology</i> , <b>2012</b> , 103, 110-116	7.2	12
6	A Decision Support System for consumption optimization in a naphtha reforming plant. <i>Computers and Chemical Engineering</i> , <b>2012</b> , 44, 1-10	4	1
5	The map of energy flow in HVAC systems. <i>Applied Energy</i> , <b>2011</b> , 88, 5020-5031	10.7	86
4	A review of HVAC systems requirements in building energy regulations. <i>Energy and Buildings</i> , <b>2011</b> , 43, 255-268	7	147
3	Transient heat conduction in multi-layer walls: An efficient strategy for Laplaceis method. <i>Energy and Buildings</i> , <b>2010</b> , 42, 541-546	7	22
2	A review of benchmarking, rating and labelling concepts within the framework of building energy certification schemes. <i>Energy and Buildings</i> , <b>2009</b> , 41, 272-278	7	274
1	A review on buildings energy consumption information. <i>Energy and Buildings</i> , <b>2008</b> , 40, 394-398	7	3577

