

Carlos Monne

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

459
citations

12
h-index

21
g-index

21
ext. papers

500
ext. citations

5.1
avg, IF

3.28
L-index

#	Paper	IF	Citations
19	Biodiesel improves lubricity of new low sulphur diesel fuels. <i>Renewable Energy</i> , 2011 , 36, 2918-2924	8.1	68
18	Monitoring and simulation of an existing solar powered absorption cooling system in Zaragoza (Spain). <i>Applied Thermal Engineering</i> , 2011 , 31, 28-35	5.8	63
17	Efficiency and emissions in a vehicle spark ignition engine fueled with hydrogen and methane blends. <i>International Journal of Hydrogen Energy</i> , 2012 , 37, 11495-11503	6.7	59
16	Combustion behavior of a spark ignition engine fueled with synthetic gases derived from biogas. <i>Fuel</i> , 2014 , 117, 50-58	7.1	55
15	Combustion analysis of a spark ignition engine fueled with gaseous blends containing hydrogen. <i>International Journal of Hydrogen Energy</i> , 2012 , 37, 13564-13573	6.7	41
14	Environmental evaluation of dish-Stirling technology for power generation. <i>Solar Energy</i> , 2012 , 86, 2811-2825	6.8	29
13	Efficiency and emissions of a spark ignition engine fueled with synthetic gases obtained from catalytic decomposition of biogas. <i>International Journal of Hydrogen Energy</i> , 2013 , 38, 3784-3792	6.7	26
12	Improvement of an existing solar powered absorption cooling system by means of dynamic simulation and experimental diagnosis. <i>Energy</i> , 2011 , 36, 4109-4118	7.9	20
11	Stationary analysis of a solar LiBr-H ₂ O absorption refrigeration system. <i>International Journal of Refrigeration</i> , 2011 , 34, 518-526	3.8	20
10	Thermal Model of a Dish Stirling Cavity-Receiver. <i>Energies</i> , 2015 , 8, 1042-1057	3.1	18
9	Diagnostic method based on the analysis of the vibration and acoustic emission energy for emergency diesel generators in nuclear plants. <i>Applied Acoustics</i> , 2013 , 74, 502-508	3.1	15
8	Analysis of a solar dish-Stirling system with hybridization and thermal storage. <i>International Journal of Energy and Environmental Engineering</i> , 2014 , 5, 1	4	13
7	Catalytic decomposition of biogas to produce hydrogen rich fuels for SI engines and valuable nanocarbons. <i>International Journal of Hydrogen Energy</i> , 2013 , 38, 15084-15091	6.7	10
6	Thermodynamics of Void Fraction in Saturated Flow Boiling. <i>Journal of Heat Transfer</i> , 2006 , 128, 611-615	5.8	8
5	Changes of enthalpy slope in subcooled flow boiling. <i>Heat and Mass Transfer</i> , 2006 , 42, 437-448	2.2	4
4	Hybridization of solar dish-stirling technology: Analysis and design. <i>Environmental Progress and Sustainable Energy</i> , 2014 , 33, n/a-n/a	2.5	3
3	Evaluaci3 de una Instalaci3 de Refrigeraci3 por Absorci3 con Energ3 Solar. <i>Informacion Tecnologica (discontinued)</i> , 2011 , 22, 39-44	0.9	3

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| 2 | A new heat balance for flow boiling. <i>AIChE Journal</i> , 2007 , 53, 2123-2130 | 3.6 | 3 |
| 1 | Void fraction in horizontal bulk flow boiling at high flow qualities. <i>Energy Conversion and Management</i> , 2008 , 49, 644-651 | 10.6 | 1 |