Consuelo Pizarro GarcÃa

List of Publications by Year
in descending order

33	1,737	331538	434063
papers	citations	21	31
		h-index	g-index

33	33	33	1996
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Novel method for holocellulose analysis of non-woody biomass wastes. Carbohydrate Polymers, 2018, 189, 250-256.	5.1	43
2	Size-up, monitorization, performance optimization and waste study of a 120â€‰kW in-use wood pellet boiler: A case study. Renewable Energy Focus, 2018, 27, 33-43.	2.2	3
3	Evaluation of Tree Species for Biomass Energy Production in Northwest Spain. Forests, 2018, 9, 160.	0.9	71
4	Non-oxidative torrefaction of biomass to enhance its fuel properties. Energy, 2018, 158, 1-8.	4.5	49
5	Biomass sources for thermal conversion. Techno-economical overview. Fuel, 2017, 195, 182-189.	3.4	61
6	COMPARISON BETWEEN OXIDATIVE AND NON-OXIDATIVE TORREFACTION PRETREATMENT AS ALTERNATIVES TO ENHANCE PROPERTIES OF BIOMASS. , 2017, , .		5
7	STUDY OF POLLUTING EMISSIONS OF BIOMASS IN A TUBE REACTOR FURNACE. WIT Transactions on Ecology and the Environment, 2017, , .	0.0	0
8	Determination of kinetic parameters for biomass combustion. Bioresource Technology, 2016, 216, 36-43.	4.8	119
9	Study of biomass combustion wastes. Fuel, 2015, 148, 152-159.	3.4	105
10	Spanish biofuels heating value estimation based on structural analysis. Industrial Crops and Products, 2015, 77, 983-991.	2.5	40
11	Self-Diffusion in Molecular Fluids and Noble Gases: Available Data. Journal of Chemical & Engineering Data, 2015, 60, 2757-2817.	1.0	63
12	Spanish biofuels heating value estimation. Part I: Ultimate analysis data. Fuel, 2014, 117, 1130-1138.	3.4	102
13	Spanish biofuels heating value estimation. Part II: Proximate analysis data. Fuel, 2014, 117, 1139-1147.	3.4	113
14	On estimating self-diffusivities by the extended corresponding states principle. Chemical Engineering Science, 2014, 108, 134-153.	1.9	1
15	An experiment-based assessment of the feasibility of the CO2 geological storage in unexploited coal beds in northern Spain. Environmental Earth Sciences, 2014, 71, 3673-3684.	1.3	8
16	Biomass proximate analysis using thermogravimetry. Bioresource Technology, 2013, 139, 1-4.	4.8	223
17	Diffusion Coefficients of Isobutylbenzene, <i>sec</i>-Butylbenzene, and 3-Methylbutylbenzene in Supercritical Carbon Dioxide. Journal of Chemical & Engineering Data, 2013, 58, 2001-2007.	1.0	6
18	Influence of physical properties of solid biomass fuels on the design and cost of storage installations. Waste Management, 2013, 33, 1151-1157.	3.7	21

#	Article	IF	Citations
19	Study of main combustion characteristics for biomass fuels used in boilers. Fuel Processing Technology, 2012, 103, 16-26.	3.7	68
20	Characterization of Spanish biomass wastes for energy use. Bioresource Technology, 2012, 103, 249-258.	4.8	333
21	Binary diffusion coefficients for 2,3-dimethylaniline, 2,6-dimethylaniline, 2-methylanisole, 4-methylanisole and 3-nitrotoluene in supercritical carbon dioxide. Journal of Supercritical Fluids, 2009, 48, 1-8.	1.6	30
22	Binary Diffusion Coefficients of 2-Ethyltoluene, 3-Ethyltoluene, and 4-Ethyltoluene in Supercritical Carbon Dioxide. Journal of Chemical & Engineering Data, 2009, 54, 1467-1471.	1.0	22
23	On predicting self-diffusion coefficients in fluids. Fluid Phase Equilibria, 2008, 269, 80-92.	1.4	21
24	Molecular diffusion coefficients of phenylmethanol, 1-phenylethanol, 2-phenylethanol, 2-phenyl-1-propanol, and 3-phenyl-1-propanol in supercritical carbon dioxide. Journal of Supercritical Fluids, 2008, 43, 469-476.	1.6	21
25	Limiting Diffusion Coefficients of Ethyl Benzoate, Benzylacetone, and Eugenol in Carbon Dioxide at Supercritical Conditions. Journal of Chemical & Engineering Data, 2008, 53, 779-784.	1.0	21
26	Diffusion Coefficients of n-Butylbenzene, n-Pentylbenzene, 1-Phenylhexane, 1-Phenyloctane, and 1-Phenyldodecane in Supercritical Carbon Dioxide. Industrial & Engineering Chemistry Research, 2008, 47, 6783-6789.	1.8	21
27	Diffusion of Benzyl Acetate, 2-Phenylethyl Acetate, 3-Phenylpropyl Acetate, and Dibenzyl Ether in Mixtures of Carbon Dioxide and Ethanol. Industrial & Engineering Chemistry Research, 2007, 46, 3810-3819.	1.8	36
28	Limiting Binary Diffusivities of Aniline, Styrene, and Mesitylene in Supercritical Carbon Dioxide. Journal of Chemical & Engineering Data, 2007, 52, 1286-1290.	1.0	19
29	Application of the corresponding states principle to the diffusion in CO_2. AICHE Journal, 2007, 53, 3054-3061.	1.8	19
30	On predicting self-diffusion coefficients from viscosity in gases and liquids. Chemical Engineering Science, 2007, 62, 6499-6515.	1.9	31
31	Using supercritical fluid chromatography to determine diffusion coefficients of 1,2-diethylbenzene, 1,4-diethylbenzene, 5-tert-butyl-m-xylene and phenylacetylene in supercritical carbon dioxide. Journal of Chromatography A, 2007, 1167, 202-209.	1.8	25
32	Modeling of tracer diffusion in liquids when soluteâ€"solvent interactions are present. Fluid Phase Equilibria, 2007, 253, 155-164.	1.4	18
33	Diffusion coefficients of 2-fluoroanisole, 2-bromoanisole, allylbenzene and 1,3-divinylbenzene at infinite dilution in supercritical carbon dioxide. Fluid Phase Equilibria, 2007, 260, 279-286.	1.4	19