

Consuelo Pizarro GarcÃ-a

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,737
citations

331538

21
h-index

434063

31
g-index

33
all docs

33
docs citations

33
times ranked

1996
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of Spanish biomass wastes for energy use. <i>Bioresource Technology</i> , 2012, 103, 249-258.	4.8	333
2	Biomass proximate analysis using thermogravimetry. <i>Bioresource Technology</i> , 2013, 139, 1-4.	4.8	223
3	Determination of kinetic parameters for biomass combustion. <i>Bioresource Technology</i> , 2016, 216, 36-43.	4.8	119
4	Spanish biofuels heating value estimation. Part II: Proximate analysis data. <i>Fuel</i> , 2014, 117, 1139-1147.	3.4	113
5	Study of biomass combustion wastes. <i>Fuel</i> , 2015, 148, 152-159.	3.4	105
6	Spanish biofuels heating value estimation. Part I: Ultimate analysis data. <i>Fuel</i> , 2014, 117, 1130-1138.	3.4	102
7	Evaluation of Tree Species for Biomass Energy Production in Northwest Spain. <i>Forests</i> , 2018, 9, 160.	0.9	71
8	Study of main combustion characteristics for biomass fuels used in boilers. <i>Fuel Processing Technology</i> , 2012, 103, 16-26.	3.7	68
9	Self-Diffusion in Molecular Fluids and Noble Gases: Available Data. <i>Journal of Chemical & Engineering Data</i> , 2015, 60, 2757-2817.	1.0	63
10	Biomass sources for thermal conversion. Techno-economical overview. <i>Fuel</i> , 2017, 195, 182-189.	3.4	61
11	Non-oxidative torrefaction of biomass to enhance its fuel properties. <i>Energy</i> , 2018, 158, 1-8.	4.5	49
12	Novel method for holocellulose analysis of non-woody biomass wastes. <i>Carbohydrate Polymers</i> , 2018, 189, 250-256.	5.1	43
13	Spanish biofuels heating value estimation based on structural analysis. <i>Industrial Crops and Products</i> , 2015, 77, 983-991.	2.5	40
14	Diffusion of Benzyl Acetate, 2-Phenylethyl Acetate, 3-Phenylpropyl Acetate, and Dibenzyl Ether in Mixtures of Carbon Dioxide and Ethanol. <i>Industrial & Engineering Chemistry Research</i> , 2007, 46, 3810-3819.	1.8	36
15	On predicting self-diffusion coefficients from viscosity in gases and liquids. <i>Chemical Engineering Science</i> , 2007, 62, 6499-6515.	1.9	31
16	Binary diffusion coefficients for 2,3-dimethylaniline, 2,6-dimethylaniline, 2-methylanisole, 4-methylanisole and 3-nitrotoluene in supercritical carbon dioxide. <i>Journal of Supercritical Fluids</i> , 2009, 48, 1-8.	1.6	30
17	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. <i>Journal of Chromatography A</i> , 2007, 1167, 202-209.	1.8	25
18	Binary Diffusion Coefficients of 2-Ethyltoluene, 3-Ethyltoluene, and 4-Ethyltoluene in Supercritical Carbon Dioxide. <i>Journal of Chemical & Engineering Data</i> , 2009, 54, 1467-1471.	1.0	22

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19	On predicting self-diffusion coefficients in fluids. <i>Fluid Phase Equilibria</i> , 2008, 269, 80-92.	1.4	21
20	Molecular diffusion coefficients of phenylmethanol, 1-phenylethanol, 2-phenylethanol, 2-phenyl-1-propanol, and 3-phenyl-1-propanol in supercritical carbon dioxide. <i>Journal of Supercritical Fluids</i> , 2008, 43, 469-476.	1.6	21
21	Limiting Diffusion Coefficients of Ethyl Benzoate, Benzylacetone, and Eugenol in Carbon Dioxide at Supercritical Conditions. <i>Journal of Chemical & Engineering Data</i> , 2008, 53, 779-784.	1.0	21
22	Diffusion Coefficients of <i>n</i> -Butylbenzene, <i>n</i> -Pentylbenzene, 1-Phenylhexane, 1-Phenyloctane, and 1-Phenyldodecane in Supercritical Carbon Dioxide. <i>Industrial & Engineering Chemistry Research</i> , 2008, 47, 6783-6789.	1.8	21
23	Influence of physical properties of solid biomass fuels on the design and cost of storage installations. <i>Waste Management</i> , 2013, 33, 1151-1157.	3.7	21
24	Limiting Binary Diffusivities of Aniline, Styrene, and Mesitylene in Supercritical Carbon Dioxide. <i>Journal of Chemical & Engineering Data</i> , 2007, 52, 1286-1290.	1.0	19
25	Application of the corresponding states principle to the diffusion in CO ₂ . <i>AIChE Journal</i> , 2007, 53, 3054-3061.	1.8	19
26	Diffusion coefficients of 2-fluoroanisole, 2-bromoanisole, allylbenzene and 1,3-divinylbenzene at infinite dilution in supercritical carbon dioxide. <i>Fluid Phase Equilibria</i> , 2007, 260, 279-286.	1.4	19
27	Modeling of tracer diffusion in liquids when solute-solvent interactions are present. <i>Fluid Phase Equilibria</i> , 2007, 253, 155-164.	1.4	18
28	An experiment-based assessment of the feasibility of the CO ₂ geological storage in unexploited coal beds in northern Spain. <i>Environmental Earth Sciences</i> , 2014, 71, 3673-3684.	1.3	8
29	Diffusion Coefficients of Isobutylbenzene, <i>sec</i> -Butylbenzene, and 3-Methylbutylbenzene in Supercritical Carbon Dioxide. <i>Journal of Chemical & Engineering Data</i> , 2013, 58, 2001-2007.	1.0	6
30	COMPARISON BETWEEN OXIDATIVE AND NON-OXIDATIVE TORREFACTION PRETREATMENT AS ALTERNATIVES TO ENHANCE PROPERTIES OF BIOMASS., 2017, , .		5
31	Size-up, monitorization, performance optimization and waste study of a 120 kW in-use wood pellet boiler: A case study. <i>Renewable Energy Focus</i> , 2018, 27, 33-43.	2.2	3
32	On estimating self-diffusivities by the extended corresponding states principle. <i>Chemical Engineering Science</i> , 2014, 108, 134-153.	1.9	1
33	STUDY OF POLLUTING EMISSIONS OF BIOMASS IN A TUBE REACTOR FURNACE. <i>WIT Transactions on Ecology and the Environment</i> , 2017, , .	0.0	0