

Bart Danon

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,225
citations

430754

18
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713332

21
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docs citations

22
times ranked

1269
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanistic and kinetic aspects of pentose dehydration towards furfural in aqueous media employing homogeneous catalysis. <i>Green Chemistry</i> , 2014, 16, 39-54.	4.6	191
2	A review of dipentene (dl-limonene) production from waste tire pyrolysis. <i>Journal of Analytical and Applied Pyrolysis</i> , 2015, 112, 1-13.	2.6	150
3	Waste truck-tyre processing by flash pyrolysis in a conical spouted bed reactor. <i>Energy Conversion and Management</i> , 2017, 142, 523-532.	4.4	141
4	Evaluation of the properties of tyre pyrolysis oils obtained in a conical spouted bed reactor. <i>Energy</i> , 2017, 128, 463-474.	4.5	94
5	Co-pyrolysis of LDPE and cellulose: Synergies during devolatilization and condensation. <i>Journal of Analytical and Applied Pyrolysis</i> , 2017, 126, 307-314.	2.6	76
6	Effect of temperature and heating rate on limonene production from waste tyre pyrolysis. <i>Journal of Analytical and Applied Pyrolysis</i> , 2016, 120, 314-320.	2.6	68
7	Numerical investigation of burner positioning effects in a multi-burner flameless combustion furnace. <i>Applied Thermal Engineering</i> , 2011, 31, 3885-3896.	3.0	61
8	Furfural degradation in a dilute acidic and saline solution in the presence of glucose. <i>Carbohydrate Research</i> , 2013, 375, 145-152.	1.1	60
9	Determining rubber composition of waste tyres using devolatilisation kinetics. <i>Thermochimica Acta</i> , 2015, 621, 56-60.	1.2	51
10	Combined model-free and model-based devolatilisation kinetics of tyre rubbers. <i>Thermochimica Acta</i> , 2015, 601, 45-53.	1.2	47
11	Experimental and Numerical Investigation of a FLOX Combustor Firing Low Calorific Value Gases. <i>Combustion Science and Technology</i> , 2010, 182, 1261-1278.	1.2	46
12	Kinetic study on homogeneously catalyzed xylose dehydration to furfural in the presence of arabinose and glucose. <i>Biomass and Bioenergy</i> , 2014, 66, 364-370.	2.9	44
13	Behavior of a 300kWth regenerative multi-burner flameless oxidation furnace. <i>Applied Energy</i> , 2011, 88, 4952-4959.	5.1	42
14	Parametric optimization study of a multi-burner flameless combustion furnace. <i>Applied Thermal Engineering</i> , 2011, 31, 3000-3008.	3.0	29
15	Influence of reactor and condensation system design on tyre pyrolysis products yields. <i>Journal of Analytical and Applied Pyrolysis</i> , 2019, 143, 104683.	2.6	27
16	The effects of combined catalysis of oxalic acid and seawater on the kinetics of xylose and arabinose dehydration to furfural. <i>International Journal of Energy and Environmental Engineering</i> , 2015, 6, 21-30.	1.3	24
17	Quantifying and comparing the selectivity for crosslink scission in mechanical and mechanochemical devulcanization processes. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	1.3	22
18	Kinetic Study on the Dilute Acidic Dehydration of Pentoses toward Furfural in Seawater. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 5455-5463.	1.8	20

#	ARTICLE	IF	CITATIONS
19	Emission and Efficiency Comparison of Different Firing Modes in a Furnace with Four HiTAC Burners. Combustion Science and Technology, 2011, 183, 686-703.	1.2	17
20	Condensation of the hot volatiles from waste tyre pyrolysis by quenching. Journal of Analytical and Applied Pyrolysis, 2017, 124, 180-185.	2.6	14
21	A quantitative analysis of Caesar's $\frac{1}{2}$ s representation of celeritas. Acta Classica, 2018, 61, 16-35.	0.0	0