

# Bart Danon

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5073636/publications.pdf>

Version: 2024-02-01

21  
papers

1,225  
citations

430754

18  
h-index

713332

21  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1269  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	A quantitative analysis of Caesari <sup>1</sup> / <sub>2</sub> s representation of celeritas. <i>Acta Classica</i> , 2018, 61, 16-35.	0.0	0
3	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
4	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
5	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
6	Condensation of the hot volatiles from waste tyre pyrolysis by quenching. <i>Journal of Analytical and Applied Pyrolysis</i> , 2017, 124, 180-185.	2.6	14
7	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
8	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
9	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
10	Determining rubber composition of waste tyres using devolatilisation kinetics. <i>Thermochimica Acta</i> , 2015, 621, 56-60.	1.2	51
11	Combined model-free and model-based devolatilisation kinetics of tyre rubbers. <i>Thermochimica Acta</i> , 2015, 601, 45-53.	1.2	47
12	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
13	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
14	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
15	Kinetic Study on the Dilute Acidic Dehydration of Pentoses toward Furfural in Seawater. <i>Industrial &amp; Engineering Chemistry Research</i> , 2014, 53, 5455-5463.	1.8	20
16	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
17	Emission and Efficiency Comparison of Different Firing Modes in a Furnace with Four HiTAC Burners. <i>Combustion Science and Technology</i> , 2011, 183, 686-703.	1.2	17
18	Behavior of a 300kWth regenerative multi-burner flameless oxidation furnace. <i>Applied Energy</i> , 2011, 88, 4952-4959.	5.1	42

#	ARTICLE	IF	CITATIONS
19	Parametric optimization study of a multi-burner flameless combustion furnace. Applied Thermal Engineering, 2011, 31, 3000-3008.	3.0	29
20	Numerical investigation of burner positioning effects in a multi-burner flameless combustion furnace. Applied Thermal Engineering, 2011, 31, 3885-3896.	3.0	61
21	Experimental and Numerical Investigation of a FLOX Combustor Firing Low Calorific Value Gases. Combustion Science and Technology, 2010, 182, 1261-1278.	1.2	46