

# Gartzen Lopez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2663079/publications.pdf>

Version: 2024-02-01

137  
papers

10,754  
citations

17405

63  
h-index

33814

99  
g-index

139  
all docs

139  
docs citations

139  
times ranked

5403  
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of temperature in the biomass steam pyrolysis in a conical spouted bed reactor. <i>Energy</i> , 2022, 238, 122053.	4.5	33
2	The pyrolysis study of polybutadiene rubber under different structural and process parameters: comparison with polyvinyl chloride degradation. <i>Journal of Thermal Analysis and Calorimetry</i> , 2022, 147, 1237-1249.	2.0	1
3	Analysis of hydrogen production potential from waste plastics by pyrolysis and in line oxidative steam reforming. <i>Fuel Processing Technology</i> , 2022, 225, 107044.	3.7	50
4	Conditioning the volatile stream from biomass fast pyrolysis for the attenuation of steam reforming catalyst deactivation. <i>Fuel</i> , 2022, 312, 122910.	3.4	22
5	Activity and stability of different Fe loaded primary catalysts for tar elimination. <i>Fuel</i> , 2022, 317, 123457.	3.4	12
6	Hydrogen generation from biomass by pyrolysis. <i>Nature Reviews Methods Primers</i> , 2022, 2, .	11.8	55
7	An analysis of hydrogen production potential through the in-line oxidative steam reforming of different pyrolysis volatiles. <i>Journal of Analytical and Applied Pyrolysis</i> , 2022, 163, 105482.	2.6	8
8	Plasma-Catalytic Reforming of Naphthalene and Toluene as Biomass Tar over Honeycomb Catalysts in a Gliding Arc Reactor. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 8958-8969.	3.2	13
9	Assessment of product yields and catalyst deactivation in fixed and fluidized bed reactors in the steam reforming of biomass pyrolysis volatiles. <i>Chemical Engineering Research and Design</i> , 2021, 145, 52-62.	2.7	32
10	Influence of temperature on products from fluidized bed pyrolysis of wood and solid recovered fuel. <i>Fuel</i> , 2021, 283, 118922.	3.4	27
11	Selective production of light olefins and hydrogen from waste plastics by pyrolysis and in-line transformation. , 2021, , 265-289.		0
12	Pyrolysis of plastic wastes in a fountain confined conical spouted bed reactor: Determination of stable operating conditions. <i>Energy Conversion and Management</i> , 2021, 229, 113768.	4.4	63
13	CFD modeling and experimental validation of biomass fast pyrolysis in a conical spouted bed reactor. <i>Journal of Analytical and Applied Pyrolysis</i> , 2021, 154, 105011.	2.6	20
14	Conversion of HDPE into Value Products by Fast Pyrolysis Using FCC Spent Catalysts in a Fountain Confined Conical Spouted Bed Reactor. <i>ChemSusChem</i> , 2021, 14, 4291-4300.	3.6	22
15	Fe/olivine as primary catalyst in the biomass steam gasification in a fountain confined spouted bed reactor. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 99, 364-379.	2.9	39
16	In line upgrading of biomass fast pyrolysis products using low-cost catalysts. <i>Fuel</i> , 2021, 296, 120682.	3.4	26
17	Progress on Catalyst Development for the Steam Reforming of Biomass and Waste Plastics Pyrolysis Volatiles: A Review. <i>Energy &amp; Fuels</i> , 2021, 35, 17051-17084.	2.5	106
18	Sorption enhanced ethanol steam reforming on a bifunctional Ni/CaO catalyst for H <sub>2</sub> production. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106725.	3.3	26

#	ARTICLE	IF	CITATIONS
19	Effect of CeO <sub>2</sub> and MgO promoters on the performance of a Ni/Al <sub>2</sub> O <sub>3</sub> catalyst in the steam reforming of biomass pyrolysis volatiles. <i>Fuel Processing Technology</i> , 2020, 198, 106223.	3.7	68
20	Investigation of hot char catalytic role in the pyrolysis of waste tires in a two-step process. <i>Journal of Analytical and Applied Pyrolysis</i> , 2020, 146, 104770.	2.6	43
21	Effect of La <sub>2</sub> O <sub>3</sub> promotion on a Ni/Al <sub>2</sub> O <sub>3</sub> catalyst for H <sub>2</sub> production in the in-line biomass pyrolysis-reforming. <i>Fuel</i> , 2020, 262, 116593.	3.4	51
22	Microwaving plastic into hydrogen and carbons. <i>Nature Catalysis</i> , 2020, 3, 861-862.	16.1	8
23	Catalytic steam reforming of biomass fast pyrolysis volatiles over Ni-Co bimetallic catalysts. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 91, 167-181.	2.9	62
24	CeO <sub>2</sub> and La <sub>2</sub> O <sub>3</sub> Promoters in the Steam Reforming of Polyolefinic Waste Plastic Pyrolysis Volatiles on Ni-Based Catalysts. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 17307-17321.	3.2	33
25	On the pyrolysis of different microalgae species in a conical spouted bed reactor: Bio-fuel yields and characterization. <i>Bioresource Technology</i> , 2020, 311, 123561.	4.8	52
26	Waste tyre valorization by catalytic pyrolysis – A review. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 129, 109932.	8.2	169
27	Thermodynamic assessment of the oxidative steam reforming of biomass fast pyrolysis volatiles. <i>Energy Conversion and Management</i> , 2020, 214, 112889.	4.4	27
28	Editorial Catalysts: Special Issue on Catalytic Pyrolysis. <i>Catalysts</i> , 2020, 10, 487.	1.6	0
29	Experimental study and modeling of biomass char gasification kinetics in a novel thermogravimetric flow reactor. <i>Chemical Engineering Journal</i> , 2020, 396, 125200.	6.6	31
30	Waste Plastics Valorization by Fast Pyrolysis and in Line Catalytic Steam Reforming for Hydrogen Production. , 2020, , .		4
31	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
32	Effect of calcination conditions on the performance of Ni/MgO-Al <sub>2</sub> O <sub>3</sub> catalysts in the steam reforming of biomass fast pyrolysis volatiles. <i>Catalysis Science and Technology</i> , 2019, 9, 3947-3963.	2.1	32
33	Implementation of a borescopic technique in a conical spouted bed for tracking spherical and irregular particles. <i>Chemical Engineering Journal</i> , 2019, 374, 39-48.	6.6	13
34	Behaviour of primary catalysts in the biomass steam gasification in a fountain confined spouted bed. <i>Fuel</i> , 2019, 253, 1446-1456.	3.4	73
35	Kinetic modeling and experimental validation of biomass fast pyrolysis in a conical spouted bed reactor. <i>Chemical Engineering Journal</i> , 2019, 373, 677-686.	6.6	42
36	Catalyst Performance in the HDPE Pyrolysis-Reforming under Reaction-Regeneration Cycles. <i>Catalysts</i> , 2019, 9, 414.	1.6	17

#	ARTICLE	IF	CITATIONS
37	Co-pyrolysis of binary and ternary mixtures of microalgae, wood and waste tires through TGA. <i>Renewable Energy</i> , 2019, 142, 264-271.	4.3	35
38	Coupling gas flow pattern and kinetics for tyre pyrolysis modelling. <i>Chemical Engineering Science</i> , 2019, 201, 362-372.	1.9	12
39	Evolution of biomass char features and their role in the reactivity during steam gasification in a conical spouted bed reactor. <i>Energy Conversion and Management</i> , 2019, 181, 214-222.	4.4	51
40	Improving bio-oil properties through the fast co-pyrolysis of lignocellulosic biomass and waste tyres. <i>Waste Management</i> , 2019, 85, 385-395.	3.7	99
41	Stability of different Ni supported catalysts in the in-line steam reforming of biomass fast pyrolysis volatiles. <i>Applied Catalysis B: Environmental</i> , 2019, 242, 109-120.	10.8	95
42	Advantages of confining the fountain in a conical spouted bed reactor for biomass steam gasification. <i>Energy</i> , 2018, 153, 455-463.	4.5	51
43	Evaluation of thermochemical routes for hydrogen production from biomass: A review. <i>Energy Conversion and Management</i> , 2018, 165, 696-719.	4.4	341
44	Influence of the support on Ni catalysts performance in the in-line steam reforming of biomass fast pyrolysis derived volatiles. <i>Applied Catalysis B: Environmental</i> , 2018, 229, 105-113.	10.8	88
45	Influence of the conditions for reforming HDPE pyrolysis volatiles on the catalyst deactivation by coke. <i>Fuel Processing Technology</i> , 2018, 171, 100-109.	3.7	24
46	Role of operating conditions in the catalyst deactivation in the in-line steam reforming of volatiles from biomass fast pyrolysis. <i>Fuel</i> , 2018, 216, 233-244.	3.4	73
47	Valorization of citrus wastes by fast pyrolysis in a conical spouted bed reactor. <i>Fuel</i> , 2018, 224, 111-120.	3.4	103
48	Recent advances in the gasification of waste plastics. A critical overview. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 82, 576-596.	8.2	506
49	Valorisation of different waste plastics by pyrolysis and in-line catalytic steam reforming for hydrogen production. <i>Energy Conversion and Management</i> , 2018, 156, 575-584.	4.4	136
50	Performance of a Ni/ZrO <sub>2</sub> catalyst in the steam reforming of the volatiles derived from biomass pyrolysis. <i>Journal of Analytical and Applied Pyrolysis</i> , 2018, 136, 222-231.	2.6	35
51	Kinetic study of the catalytic reforming of biomass pyrolysis volatiles over a commercial Ni/Al <sub>2</sub> O <sub>3</sub> catalyst. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 12023-12033.	3.8	24
52	Regenerability of a Ni catalyst in the catalytic steam reforming of biomass pyrolysis volatiles. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 68, 69-78.	2.9	43
53	Role of temperature on gasification performance and tar composition in a fountain enhanced conical spouted bed reactor. <i>Energy Conversion and Management</i> , 2018, 171, 1589-1597.	4.4	75
54	Bio-oil production. , 2018, , 173-202.		3

#	ARTICLE	IF	CITATIONS
55	Thermochemical routes for the valorization of waste polyolefinic plastics to produce fuels and chemicals. A review. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 73, 346-368.	8.2	557
56	Hydrogen-rich gas production by continuous pyrolysis and in-line catalytic reforming of pine wood waste and HDPE mixtures. <i>Energy Conversion and Management</i> , 2017, 136, 192-201.	4.4	109
57	Fountain confined conical spouted beds. <i>Powder Technology</i> , 2017, 312, 334-346.	2.1	47
58	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
59	Assessment of a conical spouted with an enhanced fountain bed for biomass gasification. <i>Fuel</i> , 2017, 203, 825-831.	3.4	59
60	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
61	Kinetic Modeling of the Catalytic Steam Reforming of High-Density Polyethylene Pyrolysis Volatiles. <i>Energy &amp; Fuels</i> , 2017, 31, 12645-12653.	2.5	14
62	Olefina arinen ekoizpena hondakin plastikoetatik. <i>Ekaia (journal)</i> , 2017, , .	0.0	0
63	Preparation of adsorbents from sewage sludge pyrolytic char by carbon dioxide activation. <i>Chemical Engineering Research and Design</i> , 2016, 103, 76-86.	2.7	51
64	Characterization of the bio-oil obtained by fast pyrolysis of sewage sludge in a conical spouted bed reactor. <i>Fuel Processing Technology</i> , 2016, 149, 169-175.	3.7	101
65	Steam reforming of plastic pyrolysis model hydrocarbons and catalyst deactivation. <i>Applied Catalysis A: General</i> , 2016, 527, 152-160.	2.2	42
66	Pyrolysis and in-line catalytic steam reforming of polystyrene through a two-step reaction system. <i>Journal of Analytical and Applied Pyrolysis</i> , 2016, 122, 502-510.	2.6	68
67	Assessment of steam gasification kinetics of the char from lignocellulosic biomass in a conical spouted bed reactor. <i>Energy</i> , 2016, 107, 493-501.	4.5	60
68	A sequential process for hydrogen production based on continuous HDPE fast pyrolysis and in-line steam reforming. <i>Chemical Engineering Journal</i> , 2016, 296, 191-198.	6.6	115
69	Hydrogen production from biomass by continuous fast pyrolysis and in-line steam reforming. <i>RSC Advances</i> , 2016, 6, 25975-25985.	1.7	114
70	Fast co-pyrolysis of sewage sludge and lignocellulosic biomass in a conical spouted bed reactor. <i>Fuel</i> , 2015, 159, 810-818.	3.4	188
71	Styrene recovery from polystyrene by flash pyrolysis in a conical spouted bed reactor. <i>Waste Management</i> , 2015, 45, 126-133.	3.7	147
72	Physical Activation of Rice Husk Pyrolysis Char for the Production of High Surface Area Activated Carbons. <i>Industrial &amp; Engineering Chemistry Research</i> , 2015, 54, 7241-7250.	1.8	96

#	ARTICLE	IF	CITATIONS
73	Performance of a conical spouted bed pilot plant for bio-oil production by poplar flash pyrolysis. Fuel Processing Technology, 2015, 137, 283-289.	3.7	80
74	Fast pyrolysis of eucalyptus waste in a conical spouted bed reactor. Bioresource Technology, 2015, 194, 225-232.	4.8	69
75	Effect of polyethylene co-feeding in the steam gasification of biomass in a conical spouted bed reactor. Fuel, 2015, 153, 393-401.	3.4	112
76	Sewage sludge valorization by flash pyrolysis in a conical spouted bed reactor. Chemical Engineering Journal, 2015, 273, 173-183.	6.6	161
77	Kinetic Study of Carbon Dioxide Gasification of Rice Husk Fast Pyrolysis Char. Energy & Fuels, 2015, 29, 3198-3207.	2.5	40
78	HDPE pyrolysis-steam reforming in a tandem spouted bed-fixed bed reactor for H <sub>2</sub> production. Journal of Analytical and Applied Pyrolysis, 2015, 116, 34-41.	2.6	83
79	Hydrogen Production by High Density Polyethylene Steam Gasification and In-Line Volatile Reforming. Industrial & Engineering Chemistry Research, 2015, 54, 9536-9544.	1.8	64
80	Identification of the coke deposited on an HZSM-5 zeolite catalyst during the sequenced pyrolysis-steam cracking of HDPE. Applied Catalysis B: Environmental, 2014, 148-149, 436-445.	10.8	88
81	Bio-oil production from rice husk fast pyrolysis in a conical spouted bed reactor. Fuel, 2014, 128, 162-169.	3.4	263
82	Principal component analysis for kinetic scheme proposal in the thermal and catalytic pyrolysis of waste tyres. Chemical Engineering Science, 2014, 106, 9-17.	1.9	28
83	Development of a dual conical spouted bed system for heat integration purposes. Powder Technology, 2014, 268, 261-268.	2.1	9
84	Upgrading the rice husk char obtained by flash pyrolysis for the production of amorphous silica and high quality activated carbon. Bioresource Technology, 2014, 170, 132-137.	4.8	134
85	Influence of operating conditions on the steam gasification of biomass in a conical spouted bed reactor. Chemical Engineering Journal, 2014, 237, 259-267.	6.6	143
86	Operating and Peak Pressure Drops in Conical Spouted Beds Equipped with Draft Tubes of Different Configuration. Industrial & Engineering Chemistry Research, 2014, 53, 415-427.	1.8	35
87	Kinetic modelling of the cracking of HDPE pyrolysis volatiles on a HZSM-5 zeolite based catalyst. Chemical Engineering Science, 2014, 116, 635-644.	1.9	26
88	Design and operation of a conical spouted bed reactor pilot plant (25kg/h) for biomass fast pyrolysis. Fuel Processing Technology, 2013, 112, 48-56.	3.7	148
89	Syngas from steam gasification of polyethylene in a conical spouted bed reactor. Fuel, 2013, 109, 461-469.	3.4	146
90	Reply to "A correction on one-dimensional modelling of conical spouted beds", published in Chem. Eng. Process. 48 (2009) 1264-1269. Chemical Engineering and Processing: Process Intensification, 2013, 70, 292.	1.8	0

#	ARTICLE	IF	CITATIONS
91	Pyrolysis kinetics of forestry residues from the Portuguese Central Inland Region. <i>Chemical Engineering Research and Design</i> , 2013, 91, 2682-2690.	2.7	34
92	Steam gasification of biomass in a conical spouted bed reactor with olivine and $\gamma$ -alumina as primary catalysts. <i>Fuel Processing Technology</i> , 2013, 116, 292-299.	3.7	100
93	Minimum Spouting Velocity of Conical Spouted Beds Equipped with Draft Tubes of Different Configuration. <i>Industrial &amp; Engineering Chemistry Research</i> , 2013, 52, 2995-3006.	1.8	71
94	Cracking of High Density Polyethylene Pyrolysis Waxes on HZSM-5 Catalysts of Different Acidity. <i>Industrial &amp; Engineering Chemistry Research</i> , 2013, 52, 10637-10645.	1.8	157
95	Flash pyrolysis of forestry residues from the Portuguese Central Inland Region within the framework of the BioREFINA-Ter project. <i>Bioresource Technology</i> , 2013, 129, 512-518.	4.8	62
96	Particle Cycle Times and Solid Circulation Rates in Conical Spouted Beds with Draft Tubes of Different Configuration. <i>Industrial &amp; Engineering Chemistry Research</i> , 2013, 52, 15959-15967.	1.8	38
97	Effect of draft tube geometry on pressure drop in draft tube conical spouted beds. <i>Canadian Journal of Chemical Engineering</i> , 2013, 91, 1865-1870.	0.9	16
98	Pilot scale conical spouted bed pyrolysis reactor: Draft tube selection and hydrodynamic performance. <i>Powder Technology</i> , 2012, 219, 49-58.	2.1	67
99	Biomass Oxidative Flash Pyrolysis: Autothermal Operation, Yields and Product Properties. <i>Energy &amp; Fuels</i> , 2012, 26, 1353-1362.	2.5	125
100	Production of Light Olefins from Polyethylene in a Two-Step Process: Pyrolysis in a Conical Spouted Bed and Downstream High-Temperature Thermal Cracking. <i>Industrial &amp; Engineering Chemistry Research</i> , 2012, 51, 13915-13923.	1.8	114
101	Sand attrition in conical spouted beds. <i>Particuology</i> , 2012, 10, 592-599.	2.0	14
102	Light olefins from HDPE cracking in a two-step thermal and catalytic process. <i>Chemical Engineering Journal</i> , 2012, 207-208, 27-34.	6.6	128
103	Drying of Biomass in a Conical Spouted Bed with Different Types of Internal Devices. <i>Drying Technology</i> , 2012, 30, 207-216.	1.7	42
104	Kinetic study of lignocellulosic biomass oxidative pyrolysis. <i>Fuel</i> , 2012, 95, 305-311.	3.4	207
105	Characterization of the waxes obtained by the pyrolysis of polyolefin plastics in a conical spouted bed reactor. <i>Journal of Analytical and Applied Pyrolysis</i> , 2012, 94, 230-237.	2.6	196
106	Influence of temperature on biomass pyrolysis in a conical spouted bed reactor. <i>Resources, Conservation and Recycling</i> , 2012, 59, 23-31.	5.3	281
107	Effect of Vacuum on Lignocellulosic Biomass Flash Pyrolysis in a Conical Spouted Bed Reactor. <i>Energy &amp; Fuels</i> , 2011, 25, 3950-3960.	2.5	79
108	Product Yields and Compositions in the Continuous Pyrolysis of High-Density Polyethylene in a Conical Spouted Bed Reactor. <i>Industrial &amp; Engineering Chemistry Research</i> , 2011, 50, 6650-6659.	1.8	147

#	ARTICLE	IF	CITATIONS
109	Continuous Polyolefin Cracking on an HZSM-5 Zeolite Catalyst in a Conical Spouted Bed Reactor. <i>Industrial &amp; Engineering Chemistry Research</i> , 2011, 50, 6061-6070.	1.8	87
110	Modelling batch drying of sand in a draft-tube conical spouted bed. <i>Chemical Engineering Research and Design</i> , 2011, 89, 2054-2062.	2.7	24
111	Effect of Temperature on Fine Particle Drying in a Draft-tube Conical Spouted Bed. <i>Chemical Engineering and Technology</i> , 2011, 34, 1130-1135.	0.9	17
112	Investigations on heat transfer and hydrodynamics under pyrolysis conditions of a pilot-plant draft tube conical spouted bed reactor. <i>Chemical Engineering and Processing: Process Intensification</i> , 2011, 50, 790-798.	1.8	109
113	Role of pore structure in the deactivation of zeolites (HZSM-5, H <sub>1</sub> <sup>2</sup> and HY) by coke in the pyrolysis of polyethylene in a conical spouted bed reactor. <i>Applied Catalysis B: Environmental</i> , 2011, 102, 224-231.	10.8	161
114	Continuous pyrolysis of waste tyres in a conical spouted bed reactor. <i>Fuel</i> , 2010, 89, 1946-1952.	3.4	174
115	Recycling poly-(methyl methacrylate) by pyrolysis in a conical spouted bed reactor. <i>Chemical Engineering and Processing: Process Intensification</i> , 2010, 49, 1089-1094.	1.8	77
116	Efecto del uso de Catalizadores Ácidos Sobre la Distribuci3n de Productos en la Pir3lisis de Neum3ticos. <i>Informacion Tecnologica (discontinued)</i> , 2010, 21, .	0.1	1
117	Operating Conditions for the Pyrolysis of Poly-(ethylene terephthalate) in a Conical Spouted-Bed Reactor. <i>Industrial &amp; Engineering Chemistry Research</i> , 2010, 49, 2064-2069.	1.8	121
118	Vacuum Pyrolysis of Waste Tires by Continuously Feeding into a Conical Spouted Bed Reactor. <i>Industrial &amp; Engineering Chemistry Research</i> , 2010, 49, 8990-8997.	1.8	102
119	Hydrodynamics of Conical Spouted Beds Using Different Types of Internal Devices. <i>Chemical Engineering and Technology</i> , 2009, 32, 463-469.	0.9	65
120	Minimum spouting velocity under vacuum and high temperature in conical spouted beds. <i>Canadian Journal of Chemical Engineering</i> , 2009, 87, 541-546.	0.9	25
121	Steam activation of pyrolytic tyre char at different temperatures. <i>Journal of Analytical and Applied Pyrolysis</i> , 2009, 85, 539-543.	2.6	80
122	Kinetics of scrap tyre pyrolysis under vacuum conditions. <i>Waste Management</i> , 2009, 29, 2649-2655.	3.7	83
123	Catalytic pyrolysis of HDPE in continuous mode over zeolite catalysts in a conical spouted bed reactor. <i>Journal of Analytical and Applied Pyrolysis</i> , 2009, 85, 345-351.	2.6	189
124	Influence of FCC catalyst steaming on HDPE pyrolysis product distribution. <i>Journal of Analytical and Applied Pyrolysis</i> , 2009, 85, 359-365.	2.6	105
125	One-dimensional modelling of conical spouted beds. <i>Chemical Engineering and Processing: Process Intensification</i> , 2009, 48, 1264-1269.	1.8	22
126	Influence of Tire Formulation on the Products of Continuous Pyrolysis in a Conical Spouted Bed Reactor. <i>Energy &amp; Fuels</i> , 2009, 23, 5423-5431.	2.5	114



#	ARTICLE	IF	CITATIONS
127	Effect of acid catalysts on scrap tyre pyrolysis under fast heating conditions. Journal of Analytical and Applied Pyrolysis, 2008, 82, 199-204.	2.6	45
128	Kinetic modelling of tyre pyrolysis in a conical spouted bed reactor. Journal of Analytical and Applied Pyrolysis, 2008, 81, 127-132.	2.6	55
129	HZSM-5 and HY Zeolite Catalyst Performance in the Pyrolysis of Tires in a Conical Spouted Bed Reactor. Industrial & Engineering Chemistry Research, 2008, 47, 7600-7609.	1.8	66
130	Catalyst Effect on the Composition of Tire Pyrolysis Products. Energy & Fuels, 2008, 22, 2909-2916.	2.5	99
131	A Draft-Tube Conical Spouted Bed for Drying Fine Particles. Drying Technology, 2008, 26, 308-314.	1.7	77
132	Catalytic Pyrolysis of High Density Polyethylene on a HZSM-5 Zeolite Catalyst in a Conical Spouted Bed Reactor. International Journal of Chemical Reactor Engineering, 2007, 5, .	0.6	12
133	Characterization of the Liquid Obtained in Tyre Pyrolysis in a Conical Spouted Bed Reactor. International Journal of Chemical Reactor Engineering, 2007, 5, .	0.6	3
134	Product distribution modelling in the thermal pyrolysis of high density polyethylene. Journal of Hazardous Materials, 2007, 144, 708-714.	6.5	43
135	Catalytic pyrolysis of high density polyethylene in a conical spouted bed reactor. Journal of Analytical and Applied Pyrolysis, 2007, 79, 450-455.	2.6	79
136	Product distribution obtained in the pyrolysis of tyres in a conical spouted bed reactor. Chemical Engineering Science, 2007, 62, 5271-5275.	1.9	107
137	Development of the Conical Spouted Bed Technology for Biomass and Waste Plastic Gasification. , 0, , .		0