

AgustÃ-n G Barneto

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

661
citations

567281

15
h-index

642732

23
g-index

25
all docs

25
docs citations

25
times ranked

960
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of a bacterioruberin-producing haloarchaea isolated from the marshlands of the Odiel river in the southwest of Spain. <i>Biotechnology Progress</i> , 2016, 32, 592-600.	2.6	44
2	Thermogravimetric assessment of thermal degradation in asphaltenes. <i>Thermochimica Acta</i> , 2016, 627-629, 1-8.	2.7	3
3	Thermogravimetric Monitoring of Crude Oil and Its Cuts in an Oil Refinery. <i>Energy & Fuels</i> , 2015, 29, 2250-2260.	5.1	13
4	Studying the effects of laccase treatment in a softwood dissolving pulp: Cellulose reactivity and crystallinity. <i>Carbohydrate Polymers</i> , 2015, 119, 53-61.	10.2	25
5	Thermogravimetric monitoring of oil refinery sludge. <i>Journal of Analytical and Applied Pyrolysis</i> , 2014, 105, 8-13.	5.5	15
6	A new biobleaching sequence for kenaf pulp: Influence of the chemical nature of the mediator and thermogravimetric analysis of the pulp. <i>Bioresource Technology</i> , 2013, 130, 431-438.	9.6	8
7	Thermal characterization of new fire-insulating materials from industrial inorganic TiO ₂ wastes. <i>Thermochimica Acta</i> , 2013, 552, 114-122.	2.7	20
8	Gas production during the pyrolysis and gasification of biological and physico-chemical sludges from oil refinery. <i>Journal of Analytical and Applied Pyrolysis</i> , 2013, 103, 167-172.	5.5	30
9	Influence of enzyme and chemical adsorption on the thermal degradation path for eucalyptus pulp. <i>Thermochimica Acta</i> , 2013, 551, 62-69.	2.7	2
10	Comparative Study of the Effects Induced by Different Laccase-Based Systems on Sisal Cellulose Fibers. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 3895-3902.	3.7	5
11	Investigating the structure-effect relationships of various natural phenols used as laccase mediators in the biobleaching of kenaf and sisal pulps. <i>Bioresource Technology</i> , 2012, 112, 327-335.	9.6	50
12	Thermogravimetry study of xylanase- and laccase/mediator-treated eucalyptus pulp fibres. <i>Bioresource Technology</i> , 2011, 102, 9033-9039.	9.6	7
13	Thermogravimetric measurement of amorphous cellulose content in flax fibre and flax pulp. <i>Cellulose</i> , 2011, 18, 17-31.	4.9	33
14	Modelling of pyrolysis and combustion of gluten-glycerol-based bioplastics. <i>Bioresource Technology</i> , 2011, 102, 6246-6253.	9.6	13
15	Use of thermogravimetric analysis to monitor the effects of natural laccase mediators on flax pulp. <i>Bioresource Technology</i> , 2011, 102, 6554-6561.	9.6	22
16	Eucalyptus kraft pulp production: Thermogravimetry monitoring. <i>Thermochimica Acta</i> , 2011, 520, 110-120.	2.7	18
17	Kinetic study on the thermal degradation of a biomass and its compost: Composting effect on hydrogen production. <i>Fuel</i> , 2010, 89, 462-473.	6.4	38
18	Simulation of the thermogravimetry analysis of three non-wood pulps. <i>Bioresource Technology</i> , 2010, 101, 3220-3229.	9.6	78

#	ARTICLE	IF	CITATIONS
19	Effect of the Previous Composting on Volatiles Production during Biomass Pyrolysis. Journal of Physical Chemistry A, 2010, 114, 3756-3763.	2.5	17
20	Kinetic models based in biomass components for the combustion and pyrolysis of sewage sludge and its compost. Journal of Analytical and Applied Pyrolysis, 2009, 86, 108-114.	5.5	81
21	Use of autocatalytic kinetics to obtain composition of lignocellulosic materials. Bioresource Technology, 2009, 100, 3963-3973.	9.6	56
22	Effects of the Composting and the Heating Rate on Biomass Gasification. Energy & Fuels, 2009, 23, 951-957.	5.1	53
23	Use of Thermogravimetry/Mass Spectrometry Analysis to Explain the Origin of Volatiles Produced during Biomass Pyrolysis. Industrial & Engineering Chemistry Research, 2009, 48, 7430-7436.	3.7	30
24	Moisture profile determination in urea prill. II. Fertiliser caking implications. Journal of the Science of Food and Agriculture, 2007, 87, 1917-1924.	3.5	0
25	Moisture profile determination in urea prill. I. Journal of the Science of Food and Agriculture, 2007, 87, 2217-2221.	3.5	0