

Characteristics and kinetic study on pyrolysis of five lignin samples by thermogravimetric analysis

Bioresource Technology

192, 441-450

DOI: [10.1016/j.biortech.2015.05.062](https://doi.org/10.1016/j.biortech.2015.05.062)

Citation Report

#	ARTICLE	IF	CITATIONS
2	Development of a modified independent parallel reactions kinetic model and comparison with the distributed activation energy model for the pyrolysis of a wide variety of biomass fuels. <i>Bioresource Technology</i> , 2015, 197, 434-442.	4.8	42
3	Kinetics of Thermal Degradation of Cellulose: Analysis Based on Isothermal and Linear Heating Data. <i>BioResources</i> , 2016, 11, .	0.5	7
4	Thermal Study of Gels Obtained From Resol Type Phenolic Resins Modified With Lignin. <i>Macromolecular Symposia</i> , 2016, 370, 7-16.	0.4	2
5	Thermogravimetric kinetics of lignocellulosic biomass slow pyrolysis using distributed activation energy model, Fraser's Suzuki deconvolution, and iso-conversional method. <i>Energy Conversion and Management</i> , 2016, 118, 1-11.	4.4	232
6	Effect of biodegradation on thermogravimetric and chemical characteristics of hardwood and softwood by brown-rot fungus. <i>Bioresource Technology</i> , 2016, 211, 443-450.	4.8	23
7	Influence of HSAPO-34, HZSM-5, and NaY on pyrolysis of corn straw fermentation residue via Py-GC/MS. <i>Journal of Analytical and Applied Pyrolysis</i> , 2016, 122, 183-190.	2.6	22
8	Thermogravimetric kinetic study of agricultural residue biomass pyrolysis based on combined kinetics. <i>Bioresource Technology</i> , 2016, 219, 510-520.	4.8	145
9	The effect of carbonization temperature on the morphology and adsorption of pine-shoot biomorphic porous carbon. <i>Journal of Porous Materials</i> , 2016, 23, 1169-1179.	1.3	5
10	Kinetics of co-pyrolysis of sawdust, coal and tar. <i>Bioresource Technology</i> , 2016, 205, 222-229.	4.8	49
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17	Fast pyrolysis kinetics of alkali lignin: Evaluation of apparent rate parameters and product time evolution. <i>Bioresource Technology</i> , 2017, 241, 142-151.	4.8	60
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19	Evaluation of agricultural residues pyrolysis under non-isothermal conditions: Thermal behaviors, kinetics, and thermodynamics. <i>Bioresource Technology</i> , 2017, 241, 340-348.	4.8	96

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21	Comparative evaluation of thermal oxidative decomposition for oil-plant residues via thermogravimetric analysis: Thermal conversion characteristics, kinetics, and thermodynamics. <i>Bioresource Technology</i> , 2017, 243, 37-46.	4.8	60
22	Thermal decomposition and kinetics of residual rubber seed cake and shell. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 129, 577-592.	2.0	8
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24	Mechanically enhanced electrically conductive films from polymerization of 3,4-ethylenedioxythiophene with wood microfibers. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	1.3	6
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29	Cellulose Nanocrystals (CNCs) from Corn Stalk: Activation Energy Analysis. <i>Materials</i> , 2017, 10, 80.	1.3	53
30	Thermal Degradation Kinetics of Sugarcane Bagasse and Soft Wood Cellulose. <i>Materials</i> , 2017, 10, 1246.	1.3	39
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