

Marjorie R Rover

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

491
citations

1039406

9
h-index

1372195

10
g-index

10
all docs

10
docs citations

10
times ranked

666
citing authors

#	ARTICLE	IF	CITATIONS
1	Production of Clean Pyrolytic Sugars for Fermentation. <i>ChemSusChem</i> , 2014, 7, 1662-1668.	3.6	83
2	The effect of pyrolysis temperature on recovery of bio-oil as distinctive stage fractions. <i>Journal of Analytical and Applied Pyrolysis</i> , 2014, 105, 262-268.	2.6	79
3	Total water-soluble sugars quantification in bio-oil using the phenol-sulfuric acid assay. <i>Journal of Analytical and Applied Pyrolysis</i> , 2013, 104, 194-201.	2.6	72
4	Production and purification of crystallized levoglucosan from pyrolysis of lignocellulosic biomass. <i>Green Chemistry</i> , 2019, 21, 5980-5989.	4.6	59
5	Comparative techno-economic analysis of advanced biofuels, biochemicals, and hydrocarbon chemicals via the fast pyrolysis platform. <i>Biofuels</i> , 2016, 7, 57-67.	1.4	57
6	Stabilization of bio-oils using low temperature, low pressure hydrogenation. <i>Fuel</i> , 2015, 153, 224-230.	3.4	44
7	Separation of sugars and phenolics from the heavy fraction of bio-oil using polymeric resin adsorbents. <i>Separation and Purification Technology</i> , 2018, 194, 170-180.	3.9	40
8	Gluconic Acid from Biomass Fast Pyrolysis Oils: Specialty Chemicals from the Thermochemical Conversion of Biomass. <i>ChemSusChem</i> , 2014, 7, 3132-3137.	3.6	36
9	Promoting microbial utilization of phenolic substrates from bio-oil. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2019, 46, 1531-1545.	1.4	18
10	Conversion of Phenolic Oil from Biomass Pyrolysis into Phenyl Esters. <i>Energy & Fuels</i> , 2022, 36, 6317-6328.	2.5	3