

Mark Jarvis

List of Publications by Year in descending order

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11
papers

546
citations

1040056

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all docs

11
docs citations

11
times ranked

822
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct Detection of Products from the Pyrolysis of 2-Phenethyl Phenyl Ether. <i>Journal of Physical Chemistry A</i> , 2011, 115, 428-438.	2.5	160
2	Biomass Pyrolysis and Gasification of Varying Particle Sizes in a Fluidized-Bed Reactor. <i>Energy & Fuels</i> , 2011, 25, 3747-3757.	5.1	73
3	Quantitative trait loci influencing morphine antinociception in four mapping populations. <i>Mammalian Genome</i> , 2001, 12, 546-553.	2.2	69
4	Elucidation of Biomass Pyrolysis Products Using a Laminar Entrained Flow Reactor and Char Particle Imaging. <i>Energy & Fuels</i> , 2011, 25, 324-336.	5.1	61
5	Aqueous Stream Characterization from Biomass Fast Pyrolysis and Catalytic Fast Pyrolysis. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 6815-6827.	6.7	54
6	Nickel cerium olivine catalyst for catalytic gasification of biomass. <i>Applied Catalysis B: Environmental</i> , 2013, 134-135, 34-45.	20.2	52
7	Laser ablation with resonance-enhanced multiphoton ionization time-of-flight mass spectrometry for determining aromatic lignin volatilization products from biomass. <i>Review of Scientific Instruments</i> , 2011, 82, 033104.	1.3	37
8	Hydrodeoxygenation by deuterium gas – a powerful way to provide insight into the reaction mechanisms. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 19138.	2.8	13
9	Application of a Pyroprobe – Deuterium NMR System: Deuterium Tracing and Mechanistic Study of Upgrading Process for Lignin Model Compounds. <i>Energy & Fuels</i> , 2016, 30, 2968-2974.	5.1	12
10	Estimating the Temperature Experienced by Biomass Particles during Fast Pyrolysis Using Microscopic Analysis of Biochars. <i>Energy & Fuels</i> , 2017, 31, 8193-8201.	5.1	9
11	Optimization of Biomass Pyrolysis Vapor Upgrading Using a Laminar Entrained-Flow Reactor System. <i>Energy & Fuels</i> , 2020, 34, 6030-6040.	5.1	6