Mark Jarvis

List of Publications by Year
in descending order

11 papers	546 citations	1040056 9 h-index	1281871 11 g-index
11 all docs	11 docs citations	11 times ranked	822 citing authors

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