

Kimberly A Magrini

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

646
citations

687363

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all docs

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docs citations

21
times ranked

908
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of ZSM-5 acidity on aromatic product selectivity during upgrading of pine pyrolysis vapors. <i>Catalysis Today</i> , 2016, 269, 175-181.	4.4	105
2	Biomass Catalytic Pyrolysis on Ni/ZSM-5: Effects of Nickel Pretreatment and Loading. <i>Energy & Fuels</i> , 2016, 30, 5259-5268.	5.1	103
3	Kinetic and mechanistic overview of TiO ₂ -photocatalyzed oxidation reactions in aqueous solution. <i>Solar Energy Materials and Solar Cells</i> , 1991, 24, 584-593.	0.4	91
4	Multiscale Evaluation of Catalytic Upgrading of Biomass Pyrolysis Vapors on Ni- and Ga-Modified ZSM-5. <i>Energy & Fuels</i> , 2016, 30, 9471-9479.	5.1	57
5	Reforming Biomass Derived Pyrolysis Bio-oil Aqueous Phase to Fuels. <i>Energy & Fuels</i> , 2017, 31, 1600-1607.	5.1	38
6	Catalytic fast pyrolysis with metal-modified ZSM-5 catalysts in inert and hydrogen atmospheres. <i>Journal of Analytical and Applied Pyrolysis</i> , 2018, 135, 199-208.	5.5	31
7	Valorization of aqueous waste streams from thermochemical biorefineries. <i>Green Chemistry</i> , 2019, 21, 4217-4230.	9.0	31
8	Characterization and Catalytic Upgrading of Aqueous Stream Carbon from Catalytic Fast Pyrolysis of Biomass. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 11761-11769.	6.7	28
9	Technoeconomic Analysis for the Production of Mixed Alcohols via Indirect Gasification of Biomass Based on Demonstration Experiments. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 12149-12159.	3.7	25
10	Integrated Biorefining: Coproduction of Renewable Resol Biopolymer for Aqueous Stream Valorization. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 6615-6625.	6.7	19
11	Application of DRIFTS, ¹³ C NMR, and py-MBMS to Characterize the Effects of Soil Science Oxidation Assays on Soil Organic Matter Composition in a Mollic Xerofluvent. <i>Applied Spectroscopy</i> , 2017, 71, 1506-1518.	2.2	18
12	Catalytic Upgrading of Biomass Pyrolysis Oxygenates with Vacuum Gas Oil Using a Davison Circulating Riser Reactor. <i>Energy & Fuels</i> , 2018, 32, 1733-1743.	5.1	17
13	Isotopic Studies for Tracking Biogenic Carbon during Co-processing of Biomass and Vacuum Gas Oil. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 2652-2664.	6.7	14
14	Catalytic Hot-Gas Filtration with a Supported Heteropolyacid Catalyst for Preconditioning Biomass Pyrolysis Vapors. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 14941-14952.	6.7	12
15	Online Biogenic Carbon Analysis Enables Refineries to Reduce Carbon Footprint during Coprocessing Biomass- and Petroleum-Derived Liquids. <i>Analytical Chemistry</i> , 2021, 93, 4351-4360.	6.5	12
16	Pilot-Scale Demonstration of an Innovative Treatment for Vapor Emissions. <i>Journal of the Air and Waste Management Association</i> , 1999, 49, 1368-1373.	1.9	10
17	Direct formation of chlorodimethylsilane from silicon and chloroform. <i>The Journal of Physical Chemistry</i> , 1989, 93, 5563-5568.	2.9	9
18	Co-processing catalytic fast pyrolysis oil in an FCC reactor. <i>Biomass and Bioenergy</i> , 2022, 163, 106484.	5.7	8

#	ARTICLE	IF	CITATIONS
19	Biomass Conversion. , 2017, , 285-419.		7
20	Feedstock and catalyst impact on bio-oil production and FCC Co-processing to fuels. Biomass and Bioenergy, 2022, 163, 106502.	5.7	7
21	Quantitative Determination of Biomass-Derived Renewable Carbon in Fuels from Coprocessing of Bio-Oils in Refinery Using a Stable Carbon Isotopic Approach. ACS Sustainable Chemistry and Engineering, 2020, 8, 17565-17572.	6.7	4