Kimberly A Magrini

List of Publications by Year
in descending order

21 papers	646 citations	687363 13 h-index	752698 20 g-index
21 all docs	21 docs citations	21 times ranked	908 citing authors

#	Article	IF	Citations
1	Co-processing catalytic fast pyrolysis oil in an FCC reactor. Biomass and Bioenergy, 2022, 163, 106484.	5.7	8
2	Feedstock and catalyst impact on bio-oil production and FCC Co-processing to fuels. Biomass and Bioenergy, 2022, 163, 106502.	5.7	7
3	Online Biogenic Carbon Analysis Enables Refineries to Reduce Carbon Footprint during Coprocessing Biomass- and Petroleum-Derived Liquids. Analytical Chemistry, 2021, 93, 4351-4360.	6.5	12
4	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
5	Isotopic Studies for Tracking Biogenic Carbon during Co-processing of Biomass and Vacuum Gas Oil. ACS Sustainable Chemistry and Engineering, 2020, 8, 2652-2664.	6.7	14
6	Catalytic Hot-Gas Filtration with a Supported Heteropolyacid Catalyst for Preconditioning Biomass Pyrolysis Vapors. ACS Sustainable Chemistry and Engineering, 2019, 7, 14941-14952.	6.7	12
7	Valorization of aqueous waste streams from thermochemical biorefineries. Green Chemistry, 2019, 21, 4217-4230.	9.0	31
8	Catalytic Upgrading of Biomass Pyrolysis Oxygenates with Vacuum Gas Oil Using a Davison Circulating Riser Reactor. Energy & Fuels, 2018, 32, 1733-1743.	5.1	17
9	Catalytic fast pyrolysis with metal-modified ZSM-5 catalysts in inert and hydrogen atmospheres. Journal of Analytical and Applied Pyrolysis, 2018, 135, 199-208.	5.5	31
10	Reforming Biomass Derived Pyrolysis Bio-oil Aqueous Phase to Fuels. Energy & Fuels, 2017, 31, 1600-1607.	5.1	38
11	Application of DRIFTS, ¹³C NMR, and py-MBMS to Characterize the Effects of Soil Science Oxidation Assays on Soil Organic Matter Composition in a Mollic Xerofluvent. Applied Spectroscopy, 2017, 71, 1506-1518.	2.2	18
12	Characterization and Catalytic Upgrading of Aqueous Stream Carbon from Catalytic Fast Pyrolysis of Biomass. ACS Sustainable Chemistry and Engineering, 2017, 5, 11761-11769.	6.7	28
13	Biomass Conversion. , 2017, , 285-419.		7
14	Integrated Biorefining: Coproduction of Renewable Resol Biopolymer for Aqueous Stream Valorization. ACS Sustainable Chemistry and Engineering, 2017, 5, 6615-6625.	6.7	19
15	Biomass Catalytic Pyrolysis on Ni/ZSM-5: Effects of Nickel Pretreatment and Loading. Energy & Fuels, 2016, 30, 5259-5268.	5.1	103
16	Multiscale Evaluation of Catalytic Upgrading of Biomass Pyrolysis Vapors on Ni- and Ga-Modified ZSM-5. Energy & Fuels, 2016, 30, 9471-9479.	5.1	57
17	Effect of ZSM-5 acidity on aromatic product selectivity during upgrading of pine pyrolysis vapors. Catalysis Today, 2016, 269, 175-181.	4.4	105
18	Technoeconomic Analysis for the Production of Mixed Alcohols via Indirect Gasification of Biomass Based on Demonstration Experiments. Industrial & Engineering Chemistry Research, 2014, 53, 12149-12159.	3.7	25

#	Article	IF	Citations
19	Pilot-Scale Demonstration of an Innovative Treatment for Vapor Emissions. Journal of the Air and Waste Management Association, 1999, 49, 1368-1373.	1.9	10
20	Kinetic and mechanistic overview of TiO2-photocatalyzed oxidation reactions in aqueous solution. Solar Energy Materials and Solar Cells, 1991, 24, 584-593.	0.4	91
21	Direct formation of chlorodimethylsilane from silicon and chloroform. The Journal of Physical Chemistry, 1989, 93, 5563-5568.	2.9	9