Challenges in determining the renewable content of the final fuels after co-processing biogenic feedstocks in the fluid catalytic cracker (FCC) of a commercial oil refiner

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#	Paper	IF	Citations
15	Production of Renewable Liquid Fuels by Coprocessing HTL Biocrude Using Hydrotreating and Fluid Catalytic Cracking. *Energy & Fuels*, **2021**, 35, 19535-19542	4.1	1
14	Decarbonizing the oil refining industry: A systematic review of sociotechnical systems, technological innovations, and policy options. *Energy Research and Social Science*, **2022**, 89, 102542	7.7	3
13	Determining the amount of "green" coke generated when co-processing lipids commercially by fluid catalytic cracking. *Biofuels, Bioproducts and Biorefining*, **2022**, 16, 325-334	5.3	0
12	Production of lower carbon-intensity fuels by co-processing biogenic feedstocks: Potential and challenges for refineries. *Fuel*, **2022**, 324, 124636	7.1	1
11	An overview on the analytical methods for characterization of biocrudes and their blends with petroleum. *Fuel*, **2022**, 324, 124608	7.1	1
10	Optimization of the direct LSC method for determination of biogenic component in liquids by applying 14C. *Journal of Radioanalytical and Nuclear Chemistry*,	1.5	0
9	Causal Discovery Based on Observational Data and Process Knowledge in Industrial Processes. **2022**, 61, 14272-14283		0
8	Repurposing oil refineries to "stand-alone units" that refine lipids/oleochemicals to produce low-carbon intensive, drop-in biofuels. **2022**, 376, 134335		0
7	Tracking the green molecules when co-processing lipids at a commercial fluid catalytic cracker (FCC): combining isotope C14 and causal discovery analysis.		0
6	Designing direct redox reaction chemically coupling NO and SO2 removal. **2023**, 335, 127054		0
5	Tracking the Biogenic Component of Lower-Carbon Intensive, Co-Processed Fuels—An Overview of Existing Approaches. **2022**, 12, 12753		0
4	Decarbonization. **2023**, 15-101		0
3	Reduction of fossil CO2 emissions of engine fuels by integration of stabilized bio-oil distillation residue to a crude-oil refinery hydrocracking process. **2023**, 465, 142899		0
2	Decarbonizing British Columbia's (BC 's) marine sector by using low carbon intensive (CI) biofuels.		0
1	A comparison of methods used to track the "green molecules" and determine the carbon intensities of co-processed fuels.		0