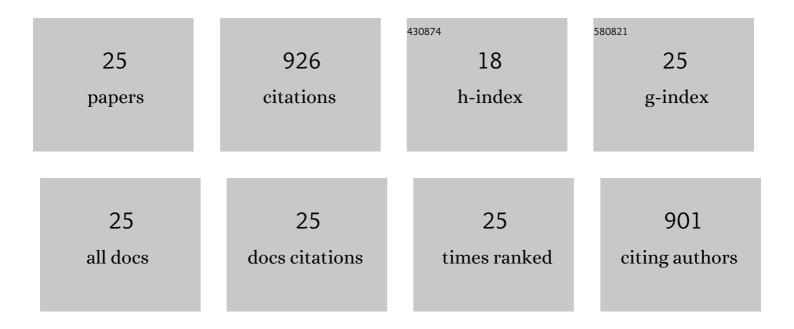
Li Hui

List of Publications by Year in descending order

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ARTICLE IF CITATIONS Synthesis of CaO/ZrO2 based catalyst by using UiO–66(Zr) and calcium acetate for biodiesel production. Renewable Energy, 2022, 185, 970-977. Inspection of various precipitant on SrO–based catalyst for transesterification: Catalytic 9 4.4 6 performance, reusability and characterizations. Catalysis Today, 2021, 376, 197-204. Efficient heterogeneous acid synthesis and stability enhancement of UiO-66 impregnated with 12.7 ammonium sulfate for biodiesel production. Chemical Engineering Journal, 2021, 408, 127277. Esterification catalyzed by an efficient solid acid synthesized from PTSA and UiO-66(Zr) for biodiesel 4 3.2 12 production. Faraday Discussions, 2021, 231, 342-355. Current application of MOFs based heterogeneous catalysts in catalyzing transesterification/esterification for biodiesel production: A review. Energy Conversion and 9.2 Management, 2021, 229, 113760. Thermal Degradation Characteristics of Rapeseed Biodiesel And Its Blends With Petroleum Diesel. Heat 1.9 3 6 Transfer Engineering, 2020, 41, 896-904. An efficient basic heterogeneous catalyst synthesis of magnetic mesoporous Fe@C support SrO for transesterification. Renewable Energy, 2020, 149, 816-827. 8.9 A novel magnetic CaO-based catalyst synthesis and characterization: Enhancing the catalytic activity 12.7 8 68 and stability of CaO for biodiesel production. Chemical Engineering Journal, 2020, 391, 123549. Effect of lime mud on the reaction kinetics and thermodynamics of biomass pyrolysis. Bioresource 9.6 30 Technology, 2020, 310, 123475. Dilute sulfonic acid post functionalized metal organic framework as a heterogeneous acid catalyst 10 6.4 49 for esterification to produce biodiesel. Fuel, 2020, 266, 117149. Recent advances in improving lignocellulosic biomass-based bio-oil production. Journal of Analytical and Applied Pyrolysis, 2020, 149, 104845. 5.5 59 Effects of biodiesel blends on the kinetic and thermodynamic parameters of fossil diesel during 12 9.2 22 thermal degradation. Energy Conversion and Management, 2019, 198, 111930. Performance analysis of a ductless personalized ventilation combined with radiant floor cooling 5.6 43 system and displacement ventilation. Building Simulation, 2019, 12, 905-919. Catalytic performance of strontium oxide supported by MIL–100(Fe) derivate as transesterification 14 9.2 72 catalýst for biodiesel production. Energy Conversion and Management, 2019, 180, 401-410. Thermal Characteristics and Kinetic Calculation of Castor Oil Pyrolysis. Procedia Engineering, 2017, 1.2 205, 3711-3716. Pyrolysis Characteristics of Castor Oil through Thermogravimetric Coupled with Fourier Transform Infrared Spectroscopy. Procedia Engineering, 2017, 205, 3705-3710. 16 1.2 16 Calcium oxide functionalized with strontium as heterogeneous transesterification catalyst for 6.4 biodiesel production. Fuel, 2016, 176, 63-71. A study on the catalytic performance of carbide slag in transesterification and the calculation of 18 4.0 7 kinetic parameters. Science China Technological Sciences, 2015, 58, 258-265.

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#	Article	IF	CITATIONS
19	The stability evaluation of lime mud as transesterification catalyst in resisting CO2 and H2O for biodiesel production. Energy Conversion and Management, 2015, 103, 57-65.	9.2	24
20	Comparative evaluation of thermal degradation for biodiesels derived from various feedstocks through transesterification. Energy Conversion and Management, 2015, 98, 81-88.	9.2	50
21	An investigation on the catalytic capability of the modified white mud after activation in transesterification and kinetic calculation. Energy, 2015, 89, 982-989.	8.8	5
22	Comprehensive Investigation of the Thermal Degradation Characteristics of Biodiesel and Its Feedstock Oil through TGA–FTIR. Energy & Fuels, 2015, 29, 5145-5153.	5.1	49
23	Use of lime mud from paper mill as a heterogeneous catalyst for transesterification. Science China Technological Sciences, 2014, 57, 438-444.	4.0	30
24	An investigation on the catalytic capacity of dolomite in transesterification and the calculation of kinetic parameters. Bioresource Technology, 2014, 158, 74-80.	9.6	39
25	Transesterification catalyzed by industrial waste—Lime mud doped with potassium fluoride and the kinetic calculation. Energy Conversion and Management, 2014, 86, 1110-1117.	9.2	47