

Li Hui

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

926
citations

430874

18
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580821

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docs citations

25
times ranked

901
citing authors

#	ARTICLE	IF	CITATIONS
1	Current application of MOFs based heterogeneous catalysts in catalyzing transesterification/esterification for biodiesel production: A review. <i>Energy Conversion and Management</i> , 2021, 229, 113760.	9.2	85
2	Calcium oxide functionalized with strontium as heterogeneous transesterification catalyst for biodiesel production. <i>Fuel</i> , 2016, 176, 63-71.	6.4	78
3	Catalytic performance of strontium oxide supported by MIL-100(Fe) derivate as transesterification catalyst for biodiesel production. <i>Energy Conversion and Management</i> , 2019, 180, 401-410.	9.2	72
4	A novel magnetic CaO-based catalyst synthesis and characterization: Enhancing the catalytic activity and stability of CaO for biodiesel production. <i>Chemical Engineering Journal</i> , 2020, 391, 123549.	12.7	68
5	Recent advances in improving lignocellulosic biomass-based bio-oil production. <i>Journal of Analytical and Applied Pyrolysis</i> , 2020, 149, 104845.	5.5	59
6	Efficient heterogeneous acid synthesis and stability enhancement of UiO-66 impregnated with ammonium sulfate for biodiesel production. <i>Chemical Engineering Journal</i> , 2021, 408, 127277.	12.7	51
7	Comparative evaluation of thermal degradation for biodiesels derived from various feedstocks through transesterification. <i>Energy Conversion and Management</i> , 2015, 98, 81-88.	9.2	50
8	Comprehensive Investigation of the Thermal Degradation Characteristics of Biodiesel and Its Feedstock Oil through TGA&FTIR. <i>Energy & Fuels</i> , 2015, 29, 5145-5153.	5.1	49
9	Dilute sulfonic acid post functionalized metal organic framework as a heterogeneous acid catalyst for esterification to produce biodiesel. <i>Fuel</i> , 2020, 266, 117149.	6.4	49
10	Transesterification catalyzed by industrial waste&Lime mud doped with potassium fluoride and the kinetic calculation. <i>Energy Conversion and Management</i> , 2014, 86, 1110-1117.	9.2	47
11	Performance analysis of a ductless personalized ventilation combined with radiant floor cooling system and displacement ventilation. <i>Building Simulation</i> , 2019, 12, 905-919.	5.6	43
12	An efficient basic heterogeneous catalyst synthesis of magnetic mesoporous Fe@C support SrO for transesterification. <i>Renewable Energy</i> , 2020, 149, 816-827.	8.9	40
13	An investigation on the catalytic capacity of dolomite in transesterification and the calculation of kinetic parameters. <i>Bioresource Technology</i> , 2014, 158, 74-80.	9.6	39
14	Use of lime mud from paper mill as a heterogeneous catalyst for transesterification. <i>Science China Technological Sciences</i> , 2014, 57, 438-444.	4.0	30
15	Effect of lime mud on the reaction kinetics and thermodynamics of biomass pyrolysis. <i>Bioresource Technology</i> , 2020, 310, 123475.	9.6	30
16	Synthesis of CaO/ZrO ₂ based catalyst by using UiO-66(Zr) and calcium acetate for biodiesel production. <i>Renewable Energy</i> , 2022, 185, 970-977.	8.9	26
17	The stability evaluation of lime mud as transesterification catalyst in resisting CO ₂ and H ₂ O for biodiesel production. <i>Energy Conversion and Management</i> , 2015, 103, 57-65.	9.2	24
18	Effects of biodiesel blends on the kinetic and thermodynamic parameters of fossil diesel during thermal degradation. <i>Energy Conversion and Management</i> , 2019, 198, 111930.	9.2	22

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19	Pyrolysis Characteristics of Castor Oil through Thermogravimetric Coupled with Fourier Transform Infrared Spectroscopy. <i>Procedia Engineering</i> , 2017, 205, 3705-3710.	1.2	16
20	Thermal Characteristics and Kinetic Calculation of Castor Oil Pyrolysis. <i>Procedia Engineering</i> , 2017, 205, 3711-3716.	1.2	15
21	Esterification catalyzed by an efficient solid acid synthesized from PTSA and UiO-66(Zr) for biodiesel production. <i>Faraday Discussions</i> , 2021, 231, 342-355.	3.2	12
22	A study on the catalytic performance of carbide slag in transesterification and the calculation of kinetic parameters. <i>Science China Technological Sciences</i> , 2015, 58, 258-265.	4.0	7
23	Inspection of various precipitant on SrO ²⁺ -based catalyst for transesterification: Catalytic performance, reusability and characterizations. <i>Catalysis Today</i> , 2021, 376, 197-204.	4.4	6
24	An investigation on the catalytic capability of the modified white mud after activation in transesterification and kinetic calculation. <i>Energy</i> , 2015, 89, 982-989.	8.8	5
25	Thermal Degradation Characteristics of Rapeseed Biodiesel And Its Blends With Petroleum Diesel. <i>Heat Transfer Engineering</i> , 2020, 41, 896-904.	1.9	3