

# Li Hui

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8733581/publications.pdf>

Version: 2024-02-01

25  
papers

926  
citations

430874

18  
h-index

580821

25  
g-index

25  
all docs

25  
docs citations

25  
times ranked

901  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of CaO/ZrO <sub>2</sub> based catalyst by using UiO-66(Zr) and calcium acetate for biodiesel production. <i>Renewable Energy</i> , 2022, 185, 970-977.	8.9	26
2	Inspection of various precipitant on SrO-based catalyst for transesterification: Catalytic performance, reusability and characterizations. <i>Catalysis Today</i> , 2021, 376, 197-204.	4.4	6
3	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
4	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
5	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
6	Thermal Degradation Characteristics of Rapeseed Biodiesel And Its Blends With Petroleum Diesel. <i>Heat Transfer Engineering</i> , 2020, 41, 896-904.	1.9	3
7	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
8	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
9	Effect of lime mud on the reaction kinetics and thermodynamics of biomass pyrolysis. <i>Bioresource Technology</i> , 2020, 310, 123475.	9.6	30
10	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
11	Recent advances in improving lignocellulosic biomass-based bio-oil production. <i>Journal of Analytical and Applied Pyrolysis</i> , 2020, 149, 104845.	5.5	59
12	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
13	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
14	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
15	Thermal Characteristics and Kinetic Calculation of Castor Oil Pyrolysis. <i>Procedia Engineering</i> , 2017, 205, 3711-3716.	1.2	15
16	Pyrolysis Characteristics of Castor Oil through Thermogravimetric Coupled with Fourier Transform Infrared Spectroscopy. <i>Procedia Engineering</i> , 2017, 205, 3705-3710.	1.2	16
17	Calcium oxide functionalized with strontium as heterogeneous transesterification catalyst for biodiesel production. <i>Fuel</i> , 2016, 176, 63-71.	6.4	78
18	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

#	ARTICLE	IF	CITATIONS
19	The stability evaluation of lime mud as transesterification catalyst in resisting CO <sub>2</sub> and H <sub>2</sub> O for biodiesel production. <i>Energy Conversion and Management</i> , 2015, 103, 57-65.	9.2	24
20	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
21	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
22	Comprehensive Investigation of the Thermal Degradation Characteristics of Biodiesel and Its Feedstock Oil through TGA&FTIR. <i>Energy &amp; Fuels</i> , 2015, 29, 5145-5153.	5.1	49
23	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
24	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
25	Transesterification catalyzed by industrial waste&quot;Lime mud doped with potassium fluoride and the kinetic calculation. <i>Energy Conversion and Management</i> , 2014, 86, 1110-1117.	9.2	47