

# Lijuan Song

## List of Publications by Year in descending order

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23  
papers

826  
citations

623188

14  
h-index

676716

22  
g-index

23  
all docs

23  
docs citations

23  
times ranked

890  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adsorption and diffusion of cyclic hydrocarbon in MFI-type zeolites studied by gravimetric and frequency-response techniques. <i>Microporous and Mesoporous Materials</i> , 2000, 35-36, 301-314.	2.2	96
2	Effect of Cu(I) $\mu$ -N Active Sites on the $N_{2\rightarrow 2}$ Photofixation Ability over Flowerlike Copper-Doped $g-C_{3\rightarrow 3}N_{4\rightarrow 4}$ Prepared via a Novel Molten Salt-Assisted Microwave Process: The Experimental and Density Functional Theory Simulation Analysis. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 6863-6872.	3.2	86
3	Investigation of Cu(I)-Y zeolites with different Cu/Al ratios towards the ultra-deep adsorption desulfurization: Discrimination and role of the specific adsorption active sites. <i>Chemical Engineering Journal</i> , 2020, 380, 122319.	6.6	80
4	Adsorption, Co-adsorption, and Reactions of Sulfur Compounds, Aromatics, Olefins over Ce-Exchanged Y Zeolite. <i>Journal of Physical Chemistry C</i> , 2012, 116, 25748-25756.	1.5	65
5	Effects of olefin on adsorptive desulfurization of gasoline over Ce(IV)Y zeolites. <i>Fuel Processing Technology</i> , 2009, 90, 835-838.	3.7	61
6	H <sub>2</sub> O <sub>2</sub> -mediated oxidative formation of amides from aromatic amines and 1,3-diketones as acylation agents via C-C bond cleavage at room temperature in water under metal-free conditions. <i>Green Chemistry</i> , 2013, 15, 3289.	4.6	61
7	Merohedral icosahedral M <sub>48</sub> (M = Co, Ni) cage clusters supported by thiacalix[4]arene. <i>Chemical Science</i> , 2018, 9, 8535-8541.	3.7	60
8	Adsorption behaviors of thiophene, benzene, and cyclohexene on FAU zeolites: Comparison of CeY obtained by liquid-, and solid-state ion exchange. <i>Applied Surface Science</i> , 2014, 292, 5-15.	3.1	55
9	Facile fabrication of effective Cerium(III) hydroxylated species as adsorption active sites in CeY zeolite adsorbents towards ultra-deep desulfurization. <i>Chemical Engineering Journal</i> , 2019, 375, 122014.	6.6	44
10	Insight into the correlation between the adsorption-transformation behaviors of methylthiophenes and the active sites of zeolites Y. <i>Applied Catalysis B: Environmental</i> , 2017, 203, 96-107.	10.8	42
11	H <sub>2</sub> O <sub>2</sub> -Promoted Reactions of Aliphatic Primary Amines with 1,3-Diketones for the Synthesis of 1-H-Pyrrol-3(2-H)-ones at Ambient Temperature in Water. <i>Organic Letters</i> , 2014, 16, 2126-2129.	2.4	33
12	Ultra-deep adsorptive removal of thiophenic sulfur compounds from FCC gasoline over the specific active sites of CeHY zeolite. <i>Journal of Energy Chemistry</i> , 2019, 39, 256-267.	7.1	31
13	Copper-catalyzed direct $\alpha$ -ketoesterification of propiophenones with acetophenones via C(sp <sup>3</sup> ) $\mu$ -H oxidative cross-coupling. <i>Chemical Communications</i> , 2015, 51, 4372-4375.	2.2	28
14	Further Findings on the Stabilization Mechanism among Modified Y Zeolite with Different Rare Earth Ions. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 14016-14025.	1.8	24
15	Supported structure-controlled graphitic carbon nitride catalyst for dehydrochlorination of 1,2-dichloroethane. <i>Catalysis Science and Technology</i> , 2018, 8, 5334-5343.	2.1	11
16	A mechanism of alkali metal carbonates catalysing the synthesis of $\beta$ -hydroxyethyl sulfide with mercaptan and ethylene carbonate. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 9367-9374.	1.5	11
17	Product selectivity controlled by manganese oxide crystals in catalytic ammoxidation. <i>Chinese Journal of Catalysis</i> , 2021, 42, 2164-2172.	6.9	11
18	Synergistic mechanism between Brønsted acid site and active cerium species in hydride transfer reaction over CeY zeolites. <i>Journal of Rare Earths</i> , 2020, 38, 912-920.	2.5	8

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19	Effect of Content of Cerium Ion on Brønsted Acid-Catalyzed Reaction of Thiophene over CeY Zeolite Studied by In Situ FTIR Spectroscopy. <i>ChemistrySelect</i> , 2019, 4, 13034-13044.	0.7	7
20	Direct Conversion of Acetylene and 1,2-Dichloroethane to Vinyl Chloride Monomer over a Supported Carbon Nitride Catalyst: Tunable Activity Controlled by the Synthesis Temperature. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 5404-5413.	1.8	4
21	Enhanced Adsorption Desulfurization Performance over CuCeY Zeolites Prepared by Low-Temperature Calcination under H <sub>2</sub> Atmosphere. <i>ChemistrySelect</i> , 2020, 5, 12711-12720.	0.7	4
22	Insight into the nature and the transformation of the hydroxyl species in the CeY zeolite. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 1354-1365.	3.0	4
23	Copper-Catalyzed Tandem Etherification Reactions of 2-(2,2-Dibromovinyl)phenol Derivatives with Phenols. <i>Acta Chimica Sinica</i> , 2014, 72, 595.	0.5	0