Lijuan Song

List of Publications by Year
in descending order

23 papers	826 citations	623734 14 h-index	677142 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. Microporous and Mesoporous Materials, 2000, 35-36, 301-314.	4.4	96
2	Effect of Cu(I)â€“N Active Sites on the N₂ Photofixation Ability over Flowerlike Copper-Doped g-C₃N₄ Prepared via a Novel Molten Salt-Assisted Microwave Process: The Experimental and Density Functional Theory Simulation Analysis. ACS Sustainable Chemistry and Engineering, 2017, 5, 6863-6872.	6.7	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. Chemical Engineering Journal, 2020, 380, 122319.	12.7	80
4	Adsorption, Co-adsorption, and Reactions of Sulfur Compounds, Aromatics, Olefins over Ce-Exchanged Y Zeolite. Journal of Physical Chemistry C, 2012, 116, 25748-25756.	3.1	65
5	Effects of olefin on adsorptive desulfurization of gasoline over Ce(IV)Y zeolites. Fuel Processing Technology, 2009, 90, 835-838.	7.2	61
6	H2O2-mediated oxidative formation of amides from aromatic amines and 1,3-diketones as acylation agents via Câ€“C bond cleavage at room temperature in water under metal-free conditions. Green Chemistry, 2013, 15, 3289.	9.0	61
7	Merohedral icosahedral M48 (M = CoII, NiII) cage clusters supported by thiacalix[4]arene. Chemical Science, 2018, 9, 8535-8541.	7.4	60
8	Adsorption behaviors of thiophene, benzene, and cyclohexene on FAU zeolites: Comparison of CeY obtained by liquid-, and solid-state ion exchange. Applied Surface Science, 2014, 292, 5-15.	6.1	55
9	Facile fabrication of effective Cerium(III) hydroxylated species as adsorption active sites in CeY zeolite adsorbents towards ultra-deep desulfurization. Chemical Engineering Journal, 2019, 375, 122014.	12.7	44
10	Insight into the correlation between the adsorption-transformation behaviors of methylthiophenes and the active sites of zeolites Y. Applied Catalysis B: Environmental, 2017, 203, 96-107.	20.2	42
11	H₂O₂-Promoted Reactions of Aliphatic Primary Amines with 1,3-Diketones for the Synthesis of 1H-Pyrrol-3(2H)-ones at Ambient Temperature in Water. Organic Letters, 2014, 16, 2126-2129.	4.6	33
12	Ultra-deep adsorptive removal of thiophenic sulfur compounds from FCC gasoline over the specific active sites of CeHY zeolite. Journal of Energy Chemistry, 2019, 39, 256-267.	12.9	31
13	Copper-catalyzed direct Î±-ketoesterification of propiophenones with acetophenones via C(sp³)â€“H oxidative cross-coupling. Chemical Communications, 2015, 51, 4372-4375.	4.1	28
14	Further Findings on the Stabilization Mechanism among Modified Y Zeolite with Different Rare Earth Ions. Industrial & Engineering Chemistry Research, 2019, 58, 14016-14025.	3.7	24
15	Supported structure-controlled graphitic carbon nitride catalyst for dehydrochlorination of 1,2-dichloroethane. Catalysis Science and Technology, 2018, 8, 5334-5343.	4.1	11
16	A mechanism of alkali metal carbonates catalysing the synthesis of Î²-hydroxyethyl sulfide with mercaptan and ethylene carbonate. Organic and Biomolecular Chemistry, 2019, 17, 9367-9374.	2.8	11
17	Product selectivity controlled by manganese oxide crystals in catalytic ammoxidation. Chinese Journal of Catalysis, 2021, 42, 2164-2172.	14.0	11
18	Synergistic mechanism between BrÃ¸nsted acid site and active cerium species in hydride transfer reaction over CeY zeolites. Journal of Rare Earths, 2020, 38, 912-920.	4.8	8

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19	Effect of Content of Cerium Ion on BrÃ¶nstedâ€Acidâ€Catalyzed Reaction of Thiophene over CeY Zeolite Studied by In Situ FTIR Spectroscopy. ChemistrySelect, 2019, 4, 13034-13044.	1.5	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. Industrial & Engineering Chemistry Research, 2019, 58, 5404-5413.	3.7	4
21	Enhanced Adsorption Desulfurization Performance over CuCeY Zeolites Prepared by Lowâ€Temperature Calcination under H₂ Atmosphere. ChemistrySelect, 2020, 5, 12711-12720.	1.5	4
22	Insight into the nature and the transformation of the hydroxyl species in the CeY zeolite. Inorganic Chemistry Frontiers, 2022, 9, 1354-1365.	6.0	4
23	Copper-Catalyzed Tandem Etherification Reactions of 2-(2,2-Dibromovinyl)phenol Derivatives with Phenols. Acta Chimica Sinica, 2014, 72, 595.	1.4	0