

Wen Chengyan

List of Publications by Year in descending order

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16
papers

615
citations

759055

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940416

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772
citing authors

#	ARTICLE	IF	CITATIONS
1	Sustainable metal-lignosulfonate catalyst for efficient catalytic transfer hydrogenation of levulinic acid to Î³-valerolactone. <i>Applied Catalysis A: General</i> , 2022, 635, 118556.	2.2	10
2	Efficient Conversion of Glucose to 5-Hydroxymethylfurfural over a Sn-Modified SAPO-34 Zeolite Catalyst. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 5838-5851.	1.8	24
3	Understanding the geometric and electronic factors of PtNi bimetallic surfaces for efficient and selective catalytic hydrogenation of biomass-derived oxygenates. <i>Journal of Energy Chemistry</i> , 2021, 60, 16-24.	7.1	30
4	The low-temperature NO ₂ removal by tailoring metal node in porphyrin-based metal-organic frameworks. <i>Science of the Total Environment</i> , 2021, 801, 149710.	3.9	17
5	One-Pot Hydrogenation of Furfural into Tetrahydrofurfuryl Alcohol under Ambient Conditions over PtNi Alloy Catalyst. <i>Energy & Fuels</i> , 2020, 34, 2178-2184.	2.5	37
6	Single-Step Selective Conversion of Carbon Dioxide to Aromatics over Na-Fe ₃ O ₄ /Hierarchical HZSM-5 Zeolite Catalyst. <i>Energy & Fuels</i> , 2020, 34, 11282-11289.	2.5	23
7	Deep insight into the catalytic removal mechanism of a multi-active center catalyst for chlorobenzene: an experiment and density functional theory study. <i>Catalysis Science and Technology</i> , 2020, 10, 6879-6891.	2.1	8
8	Enhancing levoglucosan production from waste biomass pyrolysis by Fenton pretreatment. <i>Waste Management</i> , 2020, 108, 70-77.	3.7	52
9	Manganese-Promoted Fe ₃ O ₄ Microsphere for Efficient Conversion of CO ₂ to Light Olefins. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 2155-2162.	1.8	84
10	Enhancement of Light Olefins Selectivity Over N-Doped Fischer-Tropsch Synthesis Catalyst Supported on Activated Carbon Pretreated with KMnO ₄ . <i>Catalysts</i> , 2019, 9, 505.	1.6	5
11	Selective Hydrodeoxygenation of 5-Hydroxymethylfurfural to 2,5-Dimethylfuran over Alloyed Cu ⁺ Ni Encapsulated in Biochar Catalysts. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 19556-19569.	3.2	56
12	Effect of hierarchical ZSM-5 zeolite support on direct transformation from syngas to aromatics over the iron-based catalyst. <i>Fuel</i> , 2019, 244, 492-498.	3.4	33
13	Magnetically Recyclable MoS ₂ /Fe ₃ O ₄ Hybrid Composite as Visible Light Responsive Photocatalyst with Enhanced Photocatalytic Performance. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 1673-1682.	3.2	76
14	Selective hydrogenolysis of 5-hydroxymethylfurfural to 2,5-dimethylfuran over Co ₃ O ₄ catalyst by controlled reduction. <i>Journal of Energy Chemistry</i> , 2019, 30, 34-41.	7.1	70
15	Direct conversion of simulated propene-rich bio-syngas to liquid iso-hydrocarbons via FT-oligomerization integrated catalytic process. <i>Energy Conversion and Management</i> , 2018, 171, 211-221.	4.4	10
16	Fischer-Tropsch synthesis to light olefins over iron-based catalysts supported on KMnO ₄ modified activated carbon by a facile method. <i>Applied Catalysis A: General</i> , 2017, 541, 50-59.	2.2	80