

Shuxiang Lu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25
papers

323
citations

11
h-index

17
g-index

28
ext. papers

413
ext. citations

4.3
avg, IF

3.46
L-index

#	Paper	IF	Citations
25	Synergistic immobilization of chromium in tannery sludge by ZnO and TiO and the oxidation mechanism of Cr(III) under alkaline in high temperature. <i>Journal of Hazardous Materials</i> , 2022 , 424, 127250	12.8	0
24	Hierarchical macro-mesoporous Mo/Al ₂ O ₃ catalysts prepared by dual-template method for oxidative desulfurization. <i>Journal of Porous Materials</i> , 2021 , 28, 1895	2.4	0
23	Ligand Modified Metal Organic Framework UiO-66: A Highly Efficient and Stable Catalyst for Oxidative Desulfurization. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021 , 31, 756-762	3.2	7
22	Cu doped MnO ₂ /Al ₂ O ₃ : a facile and efficient catalyst for the degradation of Na ₂ S in waste water under ambient conditions. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2020 , 129, 1047-1059	1.6	1
21	Oxidative desulfurization of 4,6-dimethyldibenzothiophene over short titanate nanotubes: a non-classical shape selective catalysis. <i>Journal of Porous Materials</i> , 2020 , 27, 331-338	2.4	2
20	A Ti-based bi-MOF for the tandem reaction of H ₂ O ₂ generation and catalytic oxidative desulfurization. <i>Catalysis Science and Technology</i> , 2020 , 10, 1015-1022	5.5	17
19	Fabrication of various morphological forms of a g-C ₃ N ₄ -supported MoO ₃ catalyst for the oxidative desulfurization of dibenzothiophene. <i>New Journal of Chemistry</i> , 2020 , 44, 18745-18755	3.6	14
18	One-pot preparation of mesoporous K _x PMo ₁₂ O ₄₀ (x = 1, 2, 3, 4) materials for oxidative desulfurization: electrochemically-active surface area (ECSA) determines their activity. <i>Reaction Chemistry and Engineering</i> , 2020 , 5, 1776-1782	4.9	4
17	Ultralow-temperature synthesis of small Ag-doped carbon nitride for nitrogen photofixation. <i>Catalysis Science and Technology</i> , 2020 , 10, 7652-7660	5.5	6
16	Homogeneously dispersed HPW/graphene for high efficient catalytic oxidative desulfurization prepared by electrochemical deposition.. <i>Applied Surface Science</i> , 2019 , 484, 917-924	6.7	33
15	Oxidative desulfurization in diesel via a titanium dioxide triggered thermocatalytic mechanism. <i>Catalysis Science and Technology</i> , 2019 , 9, 2923-2930	5.5	20
14	Molybdenum anchored on NH ₂ -modified spherical SiO ₂ : A highly efficient and stable catalyst for oxidative desulfurization of fuel oil. <i>Applied Organometallic Chemistry</i> , 2018 , 32, e4521	3.1	13
13	One-Pot Preparation of Ni ₂ P/Al ₂ O ₃ Catalyst for Dehydrogenation of Propane to Propylene. <i>ChemistrySelect</i> , 2018 , 3, 10532-10536	1.8	12
12	Deep oxidative desulfurization catalyzed by (NH ₄) _x H ₄ PMo ₁₁ VO ₄₀ (x = 1, 2, 3, 4) using O ₂ as an oxidant. <i>RSC Advances</i> , 2017 , 7, 48454-48460	3.7	16
11	Remarkable lignin degradation in paper wastewaters over Fe ₂ O ₃ /Al ₂ O ₃ catalysts using the catalytic wet peroxide oxidation method. <i>RSC Advances</i> , 2017 , 7, 37487-37494	3.7	9
10	Kinetic Modeling of the Extraction-Oxidation Coupling Process for the Removal of Dibenzothiophene. <i>Energy & Fuels</i> , 2016 , 30, 7214-7220	4.1	10
9	An efficient and recyclable polyoxometalate-based hybrid catalyst for heterogeneous deep oxidative desulfurization of dibenzothiophene derivatives with oxygen. <i>RSC Advances</i> , 2016 , 6, 79520-79525	3.7	10

8	Catalytic performance of supported Eu/phosphomolybdic acid modified mesoporous silica in the oxidative desulfurization of dibenzothiophene. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2016 , 118, 621-632	1.6	6
7	Two-step hydrothermal synthesis of MCM-41 composite molecular sieves as supports of bifunctional catalysts for hydroisomerization of n-heptane. <i>Journal of Porous Materials</i> , 2016 , 23, 1489-1493	2.4	9
6	Combined Extraction-Oxidation System for Oxidative Desulfurization (ODS) of a Model Fuel. <i>Energy & Fuels</i> , 2015 , 29, 618-625	4.1	70
5	Continuous Treatment of Phenol over an Fe ₂ O ₃ /Al ₂ O ₃ Catalyst in a Fixed-Bed Reactor. <i>Water, Air, and Soil Pollution</i> , 2015 , 226, 1	2.6	13
4	Water-dispersible Fe ₃ O ₄ nanowires as efficient supports for noble-metal catalysed aqueous reactions. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 4779-4787	13	20
3	Gas-Liquid-Liquid Three-Phase Reactive Extraction for the Hydrogen Peroxide Preparation by Anthraquinone Process. <i>Industrial & Engineering Chemistry Research</i> , 2008 , 47, 7414-7418	3.9	28
2	Reactive extraction for preparation of hydrogen peroxide under pressure. <i>Frontiers of Chemical Engineering in China</i> , 2008 , 2, 335-340		2
1	Preparation of Mesoporous MnO ₂ Catalysts with Different Morphologies for Catalytic Ozonation of Organic Compounds. <i>Catalysis Letters</i> , 1	2.8	1