

# Shuxiang Lu

## List of Publications by Citations

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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	Combined ExtractionOxidation System for Oxidative Desulfurization (ODS) of a Model Fuel. <i>Energy &amp; Fuels</i> , <b>2015</b> , 29, 618-625	4.1	70
24	Homogeneously dispersed HPW/graphene for high efficient catalytic oxidative desulfurization prepared by electrochemical deposition.. <i>Applied Surface Science</i> , <b>2019</b> , 484, 917-924	6.7	33
23	GasLiquidLiquid Three-Phase Reactive Extraction for the Hydrogen Peroxide Preparation by Anthraquinone Process. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2008</b> , 47, 7414-7418	3.9	28
22	Oxidative desulfurization in diesel via a titanium dioxide triggered thermocatalytic mechanism. <i>Catalysis Science and Technology</i> , <b>2019</b> , 9, 2923-2930	5.5	20
21	Water-dispersible Fe <sub>3</sub> O <sub>4</sub> nanowires as efficient supports for noble-metal catalysed aqueous reactions. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 4779-4787	13	20
20	A Ti-based bi-MOF for the tandem reaction of H <sub>2</sub> O <sub>2</sub> generation and catalytic oxidative desulfurization. <i>Catalysis Science and Technology</i> , <b>2020</b> , 10, 1015-1022	5.5	17
19	Deep oxidative desulfurization catalyzed by (NH <sub>4</sub> ) <sub>x</sub> H <sub>4</sub> PMo <sub>11</sub> VO <sub>40</sub> (x = 1, 2, 3, 4) using O <sub>2</sub> as an oxidant. <i>RSC Advances</i> , <b>2017</b> , 7, 48454-48460	3.7	16
18	Fabrication of various morphological forms of a g-C <sub>3</sub> N <sub>4</sub> -supported MoO <sub>3</sub> catalyst for the oxidative desulfurization of dibenzothiophene. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 18745-18755	3.6	14
17	Continuous Treatment of Phenol over an Fe <sub>2</sub> O <sub>3</sub> /Al <sub>2</sub> O <sub>3</sub> Catalyst in a Fixed-Bed Reactor. <i>Water, Air, and Soil Pollution</i> , <b>2015</b> , 226, 1	2.6	13
16	Molybdenum anchored on NH <sub>2</sub> -modified spherical SiO <sub>2</sub> : A highly efficient and stable catalyst for oxidative desulfurization of fuel oil. <i>Applied Organometallic Chemistry</i> , <b>2018</b> , 32, e4521	3.1	13
15	One-Pot Preparation of Ni <sub>2</sub> P/Al <sub>2</sub> O <sub>3</sub> Catalyst for Dehydrogenation of Propane to Propylene. <i>ChemistrySelect</i> , <b>2018</b> , 3, 10532-10536	1.8	12
14	Kinetic Modeling of the ExtractionOxidation Coupling Process for the Removal of Dibenzothiophene. <i>Energy &amp; Fuels</i> , <b>2016</b> , 30, 7214-7220	4.1	10
13	An efficient and recyclable polyoxometalate-based hybrid catalyst for heterogeneous deep oxidative desulfurization of dibenzothiophene derivatives with oxygen. <i>RSC Advances</i> , <b>2016</b> , 6, 79520-79525	3.7	10
12	Remarkable lignin degradation in paper wastewaters over Fe <sub>2</sub> O <sub>3</sub> /Al <sub>2</sub> O <sub>3</sub> catalysts using the catalytic wet peroxide oxidation method. <i>RSC Advances</i> , <b>2017</b> , 7, 37487-37494	3.7	9
11	Two-step hydrothermal synthesis of EMCM-41 composite molecular sieves as supports of bifunctional catalysts for hydroisomerization of n-heptane. <i>Journal of Porous Materials</i> , <b>2016</b> , 23, 1489-1493	4.3	9
10	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> , <b>2021</b> , 31, 756-762	3.2	7
9	Catalytic performance of supported Eu/phosphomolybdic acid modified mesoporous silica in the oxidative desulfurization of dibenzothiophene. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , <b>2016</b> , 118, 621-632	1.6	6

8	Ultralow-temperature synthesis of small Ag-doped carbon nitride for nitrogen photofixation. <i>Catalysis Science and Technology</i> , <b>2020</b> , 10, 7652-7660	5.5	6
7	One-pot preparation of mesoporous $K_xPMo_{12}O_{40}$ ( $x = 1, 2, 3, 4$ ) materials for oxidative desulfurization: electrochemically-active surface area (ECSA) determines their activity. <i>Reaction Chemistry and Engineering</i> , <b>2020</b> , 5, 1776-1782	4.9	4
6	Reactive extraction for preparation of hydrogen peroxide under pressure. <i>Frontiers of Chemical Engineering in China</i> , <b>2008</b> , 2, 335-340		2
5	Oxidative desulfurization of 4,6-dimethyldibenzothiophene over short titanate nanotubes: a non-classical shape selective catalysis. <i>Journal of Porous Materials</i> , <b>2020</b> , 27, 331-338	2.4	2
4	Cu doped $MnO_2/Al_2O_3$ : a facile and efficient catalyst for the degradation of Na <sub>2</sub> S in waste water under ambient conditions. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , <b>2020</b> , 129, 1047-1059	1.6	1
3	Preparation of Mesoporous $MnO_2$ Catalysts with Different Morphologies for Catalytic Ozonation of Organic Compounds. <i>Catalysis Letters</i> , 1	2.8	1
2	Hierarchical macro-mesoporous $Mo/Al_2O_3$ catalysts prepared by dual-template method for oxidative desulfurization. <i>Journal of Porous Materials</i> , <b>2021</b> , 28, 1895	2.4	0
1	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> , <b>2022</b> , 424, 127290 <sup>12,8</sup>		0