

Xiaohong Li

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5496817/publications.pdf>

Version: 2024-02-01

43
papers

1,336
citations

279798

23
h-index

345221

36
g-index

43
all docs

43
docs citations

43
times ranked

1377
citing authors

#	ARTICLE	IF	CITATIONS
1	Construction of unique six-coordinated titanium species with an organic amine ligand in titanasilicate and their unprecedented high efficiency for alkene epoxidation. <i>Chemical Communications</i> , 2015, 51, 9010-9013.	4.1	107
2	Selective hydrogenation of cinnamaldehyde with PtFe /Al ₂ O ₃ @SBA-15 catalyst: Enhancement in activity and selectivity to unsaturated alcohol by Pt-FeO and Pt-Al ₂ O ₃ @SBA-15 interaction. <i>Journal of Catalysis</i> , 2017, 354, 24-36.	6.2	71
3	Postsynthesis of mesoporous MOR-type titanasilicate and its unique catalytic properties in liquid-phase oxidations. <i>Journal of Catalysis</i> , 2011, 281, 263-272.	6.2	70
4	Pt nanoparticles supported on highly dispersed TiO ₂ coated on SBA-15 as an efficient and recyclable catalyst for liquid-phase hydrogenation. <i>Journal of Catalysis</i> , 2013, 300, 9-19.	6.2	67
5	Alkoxysilylation of Ti-MWW lamellar precursors into interlayer pore-expanded titanosilicates. <i>Journal of Materials Chemistry</i> , 2009, 19, 8594.	6.7	59
6	Mesopolymer solid base catalysts with variable basicity: preparation and catalytic properties. <i>Journal of Materials Chemistry</i> , 2009, 19, 4004.	6.7	54
7	Pt nanoparticles entrapped in ordered mesoporous carbon for enantioselective hydrogenation. <i>Journal of Molecular Catalysis A</i> , 2011, 345, 81-89.	4.8	53
8	Efficient liquid-phase hydrogenation of cinnamaldehyde to cinnamyl alcohol with a robust PtFe/HPZSM-5 catalyst. <i>Journal of Catalysis</i> , 2020, 382, 1-12.	6.2	46
9	Efficient Pt@FeO _x /TiO ₂ @SBA-15 catalysts for selective hydrogenation of cinnamaldehyde to cinnamyl alcohol. <i>Catalysis Science and Technology</i> , 2017, 7, 6112-6123.	4.1	45
10	Intermolecular condensation of ethylenediamine to 1,4-diazabicyclo[2,2,2]octane over TS-1 catalysts. <i>Journal of Catalysis</i> , 2009, 266, 258-267.	6.2	39
11	Ru Nanoparticles Entrapped in Mesopolymers for Efficient Liquid-phase Hydrogenation of Unsaturated Compounds. <i>Catalysis Letters</i> , 2009, 133, 63-69.	2.6	39
12	Pt nanoparticles entrapped in mesoporous metal-organic frameworks MIL-101 as an efficient catalyst for liquid-phase hydrogenation of benzaldehydes and nitrobenzenes. <i>Journal of Molecular Catalysis A</i> , 2015, 399, 1-9.	4.8	39
13	Sn-doped Pt catalyst supported on hierarchical porous ZSM-5 for the liquid-phase hydrogenation of cinnamaldehyde. <i>Catalysis Science and Technology</i> , 2019, 9, 3226-3237.	4.1	36
14	Selective hydrogenation of cinnamaldehyde with Ni Fe ₁ -Al ₂ O ₄ composite oxides supported Pt catalysts: C O versus C C selectivity switch by varying the Ni/Fe molar ratios. <i>Journal of Catalysis</i> , 2021, 393, 126-139.	6.2	35
15	Relation of Selective Oxidation Catalytic Performance to Microenvironment of Ti ^{IV} Active Site Based on Isotopic Labeling. <i>ACS Catalysis</i> , 2020, 10, 4813-4819.	11.2	34
16	Pt nanoparticles supported on YCo _x Fe _{1-x} O ₃ perovskite oxides: highly efficient catalysts for liquid-phase hydrogenation of cinnamaldehyde. <i>Chemical Communications</i> , 2019, 55, 3363-3366.	4.1	33
17	Efficient synthesis of methanol and ethylene glycol <i>via</i> the hydrogenation of CO ₂ -derived ethylene carbonate on Cu/SiO ₂ catalysts with balanced Cu ⁺ sites. <i>Catalysis Science and Technology</i> , 2020, 10, 5149-5162.	4.1	33
18	Co Fe ₁ -Al ₂ O ₄ composite oxides supported Pt nanoparticles as efficient and recyclable catalysts for the liquid-phase selective hydrogenation of cinnamaldehyde. <i>Journal of Catalysis</i> , 2019, 380, 254-266.	6.2	32

#	ARTICLE	IF	CITATIONS
19	One-pot synthesized core/shell structured zeolite@copper catalysts for selective hydrogenation of ethylene carbonate to methanol and ethylene glycol. <i>Green Chemistry</i> , 2019, 21, 5414-5426.	9.0	31
20	Cu@Mg@Zr/SiO ₂ catalyst for the selective hydrogenation of ethylene carbonate to methanol and ethylene glycol. <i>Catalysis Science and Technology</i> , 2018, 8, 2624-2635.	4.1	29
21	Effective and Reusable Pt Catalysts Supported on Periodic Mesoporous Resols for Chiral Hydrogenation. <i>Catalysis Letters</i> , 2008, 122, 325-329.	2.6	26
22	Hydrothermal synthesis of mesoporous titanosilicate with the aid of amphiphilic organosilane. <i>Journal of Porous Materials</i> , 2010, 17, 399-408.	2.6	25
23	Bimetallic Pt-Fe catalysts supported on mesoporous TS-1 microspheres for the liquid-phase selective hydrogenation of cinnamaldehyde. <i>Journal of Catalysis</i> , 2021, 395, 375-386.	6.2	25
24	Ru Nanoparticles Entrapped in Ordered Mesoporous Carbons: An Efficient and Reusable Catalyst for Liquid-Phase Hydrogenation. <i>Catalysis Letters</i> , 2014, 144, 268-277.	2.6	24
25	Pt Nanoparticles Supported on Highly Dispersed Alumina Coated inside SBA-15 for Enantioselective Hydrogenation. <i>ChemCatChem</i> , 2010, 2, 1303-1311.	3.7	23
26	Structure and magnetic properties of the perovskite YCo _{0.5} Fe _{0.5} O ₃ . <i>AIP Advances</i> , 2014, 4, .	1.3	22
27	Continuous hydrogenation of CO ₂ -derived ethylene carbonate to methanol and ethylene glycol at Cu-MoO _x interface with a low H ₂ /ester ratio. <i>Journal of Catalysis</i> , 2021, 399, 98-110.	6.2	22
28	At room temperature in water: efficient hydrogenation of furfural to furfuryl alcohol with a Pt/SiC@C catalyst. <i>RSC Advances</i> , 2018, 8, 37243-37253.	3.6	21
29	An efficient Cu-based catalyst for the hydrogenation of ethylene carbonate to ethylene glycol and methanol. <i>Catalysis Science and Technology</i> , 2019, 9, 6749-6759.	4.1	21
30	Synthesis and formation mechanism of TS-1@mesosilica core-shell materials templated by triblock copolymer surfactant. <i>Microporous and Mesoporous Materials</i> , 2012, 153, 8-17.	4.4	20
31	Efficient Hydrogenation of Benzaldehydes Over Mesopolymer-Entrapped Pt Nanoparticles in Water. <i>Chemistry - an Asian Journal</i> , 2009, 4, 699-706.	3.3	18
32	Clean synthesis of biodiesel over solid acid catalysts of sulfonated mesopolymers. <i>Science China Chemistry</i> , 2010, 53, 1481-1486.	8.2	18
33	Highly effective Ru/CMK-3 catalyst for selective reduction of nitrobenzene derivatives with H ₂ O as solvent at near ambient temperature. <i>RSC Advances</i> , 2016, 6, 3235-3242.	3.6	18
34	The superior performance of a Pt catalyst supported on nanoporous SiC@C composites for liquid-phase selective hydrogenation of cinnamaldehyde. <i>RSC Advances</i> , 2016, 6, 81211-81218.	3.6	17
35	Room-Temperature Synthesis of Hollow Carbazole-Based Covalent Triazine Polymers with Multiactive Sites for Efficient Iodine Capture-Catalysis Cascade Application. <i>ACS Applied Polymer Materials</i> , 2020, 2, 3704-3713.	4.4	16
36	Ordered Mesoporous Carbons with Ia3d Symmetry Supported Pt Catalyst for Efficient Asymmetric Hydrogenation. <i>Catalysis Letters</i> , 2012, 142, 1033-1039.	2.6	13

#	ARTICLE	IF	CITATIONS
37	Pt nanoparticles entrapped in Al ₂ O ₃ @SBA-15 composites: Effective and recyclable catalysts for enantioselective hydrogenation of ethyl 2-oxo-4-phenylbutyrate. <i>Applied Catalysis A: General</i> , 2014, 488, 48-57.	4.3	12
38	Cu ₉ -Al _x -Mg _y catalysts for hydrogenation of ethyl acetate to ethanol. <i>Applied Catalysis A: General</i> , 2017, 544, 108-115.	4.3	11
39	Synthesis of cyclohexanol and ethanol <i>via</i> the hydrogenation of cyclohexyl acetate with Cu ₂ Zn _x /Al ₂ O ₃ catalysts. <i>Catalysis Science and Technology</i> , 2021, 11, 7035-7046.	4.1	8
40	ETS-10 Supported Au Nanoparticles for Solvent-Free Oxidation of 1-Phenylethanol with Oxygen. <i>Catalysis Letters</i> , 2011, 141, 860-865.	2.6	7
41	One-pot synthesis of highly ordered Ru-containing mesoporous polymers/silica for benzaldehyde hydrogenation. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2011, 104, 99-109.	1.7	6
42	Novel Mesoporous Silica Materials with Hierarchically Ordered Nanochannel: Synthesis with the Assistance of Straight-Chain Alkanes and Application. <i>Journal of Chemistry</i> , 2016, 2016, 1-16.	1.9	6
43	Efficient Synthesis of Cyclohexanol and Ethanol via the Hydrogenation of Acetic Acid-Derived Cyclohexyl Acetate with the Cu _x Al ₁ Mn _{2x} Catalysts. <i>ChemCatChem</i> , 2021, 13, 3099-3111.	3.7	5