

Jiang Li

List of Publications by Year in descending order

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27
papers

1,811
citations

361413

20
h-index

526287

27
g-index

28
all docs

28
docs citations

28
times ranked

2117
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalytic Conversion of Biomass-Derived Carbohydrates into γ -Valerolactone without Using an External H_2 Supply. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 6529-6532.	13.8	336
2	Conversion of Levulinic Acid and Formic Acid into γ -Valerolactone over Heterogeneous Catalysts. <i>ChemSusChem</i> , 2010, 3, 1172-1175.	6.8	194
3	Hydrolysis of Cellulose into Glucose by Magnetic Solid Acid. <i>ChemSusChem</i> , 2011, 4, 55-58.	6.8	176
4	Catalytic Transfer Hydrogenation of Furfural to Furfuryl Alcohol over Nitrogen-Doped Carbon-Supported Iron Catalysts. <i>ChemSusChem</i> , 2016, 9, 1339-1347.	6.8	144
5	Catalytic Air Oxidation of Biomass-Derived Carbohydrates to Formic Acid. <i>ChemSusChem</i> , 2012, 5, 1313-1318.	6.8	140
6	Recent advances in the catalytic transfer hydrogenation of furfural to furfuryl alcohol over heterogeneous catalysts. <i>Green Chemistry</i> , 2022, 24, 1780-1808.	9.0	94
7	Synergistic cerium doping and MXene coupling in layered double hydroxides as efficient electrocatalysts for oxygen evolution. <i>Journal of Energy Chemistry</i> , 2021, 52, 412-420.	12.9	89
8	Recent Advances in the Photocatalytic Conversion of Biomass-Derived Furanic Compounds. <i>ACS Catalysis</i> , 2021, 11, 11336-11359.	11.2	81
9	Chemoselective Hydrodeoxygenation of Carboxylic Acids to Hydrocarbons over Nitrogen-Doped Carbon-Alumina Hybrid Supported Iron Catalysts. <i>ACS Catalysis</i> , 2019, 9, 1564-1577.	11.2	66
10	Selective Hydrodeoxygenation of 5-Hydroxymethylfurfural to 2,5-Dimethylfuran over Heterogeneous Iron Catalysts. <i>ChemSusChem</i> , 2017, 10, 1436-1447.	6.8	57
11	Pd/Mo ₂ N-TiO ₂ as efficient catalysts for promoted selective hydrogenation of 4-nitrophenol: A green bio-reducing preparation method. <i>Journal of Catalysis</i> , 2020, 391, 190-201.	6.2	44
12	Selective reductive cleavage of C O bond in lignin model compounds over nitrogen-doped carbon-supported iron catalysts. <i>Molecular Catalysis</i> , 2018, 452, 36-45.	2.0	42
13	The breakdown of reticent biomass to soluble components and their conversion to levulinic acid as a fuel precursor. <i>RSC Advances</i> , 2014, 4, 14985.	3.6	35
14	Platinum and cobalt intermetallic nanoparticles confined within MIL-101(Cr) for enhanced selective hydrogenation of the carbonyl bond in α,β -unsaturated aldehydes: synergistic effects of electronically modified Pt sites and Lewis acid sites. <i>Catalysis Science and Technology</i> , 2021, 11, 2433-2445.	4.1	32
15	Selective aerobic oxidation of the 5-hydroxymethylfurfural to 2,5-furandicarboxylic acid over gold nanoparticles supported on graphitized carbon: Study on reaction pathways. <i>Molecular Catalysis</i> , 2019, 470, 67-74.	2.0	28
16	Synthesis of Pt supported on mesoporous g-C ₃ N ₄ modified by ammonium chloride and its efficiently selective hydrogenation of furfural to furfuryl alcohol. <i>Applied Surface Science</i> , 2020, 528, 146983.	6.1	28
17	Graphitic Carbon Nitride ($g-C_3N_4$)-derived Fe _N C Catalysts for Selective Hydrodeoxygenation of 5-Hydroxymethylfurfural to 2,5-Dimethylfuran. <i>ChemistrySelect</i> , 2017, 2, 11062-11070.	1.5	26
18	Mechanistic Features for Hydroxyl Anion Emission from the Modified 12CaO \cdot 7Al ₂ O ₃ Surface. <i>Journal of Physical Chemistry B</i> , 2005, 109, 14599-14603.	2.6	23

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19	Improvement Effect of Ni to Pd-Ni/SBA-15 Catalyst for Selective Hydrogenation of Cinnamaldehyde to Hydrocinnamaldehyde. <i>Catalysts</i> , 2018, 8, 200.	3.5	23
20	Effective Hydrodeoxygenation of Stearic Acid and Cyperus Esculentus Oil into Liquid Alkanes over Nitrogen-Modified Carbon Nanotube-Supported Ruthenium Catalysts. <i>ChemistrySelect</i> , 2017, 2, 33-41.	1.5	19
21	Studies on the photodissociation and symmetry of SO ₂ ⁺ (D _{1f}). <i>Journal of Chemical Physics</i> , 2003, 118, 9185-9191.	3.0	13
22	A laser flash photolysis study of amino acids and dipeptides using 4-nitroquinoline 1-oxide as a photosensitizer: The pH dependence. <i>Research on Chemical Intermediates</i> , 2000, 26, 715-725.	2.7	8
23	An unconventional DCO _x favored Co/N-C catalyst for efficient conversion of fatty acids and esters to liquid alkanes. <i>Applied Catalysis A: General</i> , 2020, 591, 117385.	4.3	8
24	Production of Acetic Acid from Lignocellulosic Biomass in the Presence of Mineral Acid and Oxygen under Hydrothermal Condition. <i>Acta Chimica Sinica</i> , 2014, 72, 1223.	1.4	8
25	Highly Efficient Hydrogenation of Furfural to Furfuryl Alcohol Catalyzed by Pt Supported on Bi-Metallic MIL-100 (Fe, Mn/Co) MOFs Derivates Prepared by Hydrothermal Polyol Reduction Method. <i>Catalysis Letters</i> , 0, , 1.	2.6	6
26	Iron-Catalyzed Selective Hydrogenation of Stearic Acid to Stearyl Alcohol. <i>Chinese Journal of Organic Chemistry</i> , 2019, 39, 3258.	1.3	3
27	Active metal oxide-nitrogen-doped carbon hybrid catalysts towards selective catalytic transfer hydrogenation of furfural to furfuryl alcohol. <i>Applied Catalysis A: General</i> , 2022, 636, 118574.	4.3	3