

Junjie Zhang

List of Publications by Year in descending order

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25
papers

1,858
citations

430754

18
h-index

552653

26
g-index

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all docs

27
docs citations

27
times ranked

2559
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective Catalytic Oxidation of Cyclopentene to Glutaraldehyde over Amorphous Nb ₂ O ₅ /AC Catalysts. <i>ChemistrySelect</i> , 2022, 7, .	0.7	1
2	Electroinduced Reconfiguration of Complex Emulsions for Fabrication of Polymer Particles with Tunable Morphology. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2100085.	2.0	8
3	Efficient Solvent-Free Synthesis of Sucrose Esters <i>via</i> Sand-Milling Pretreatment on Solid-Liquid Mixtures. <i>Journal of Surfactants and Detergents</i> , 2019, 22, 1515-1520.	1.0	9
4	MOF-derived metal oxide composite Mn ₂ Co ₁ O _x /CN for efficient formaldehyde oxidation at low temperature. <i>Catalysis Science and Technology</i> , 2019, 9, 5845-5854.	2.1	32
5	Selective catalytic oxidation of sulfides to sulfoxides or sulfones over amorphous Nb ₂ O ₅ /AC catalysts in aqueous phase at room temperature. <i>Catalysis Communications</i> , 2019, 127, 10-14.	1.6	16
6	Metabolic changes in primary, secondary, and lipid metabolism in tobacco leaf in response to topping. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 839-851.	1.9	25
7	Sample-directed pseudotargeted method for the metabolic profiling analysis of rice seeds based on liquid chromatography with mass spectrometry. <i>Journal of Separation Science</i> , 2016, 39, 247-255.	1.3	10
8	Metabolic Profiling with Gas Chromatography-Mass Spectrometry and Capillary Electrophoresis-Mass Spectrometry Reveals the Carbon-Nitrogen Status of Tobacco Leaves Across Different Planting Areas. <i>Journal of Proteome Research</i> , 2016, 15, 468-476.	1.8	32
9	A Novel Strategy for Large-Scale Metabolomics Study by Calibrating Gross and Systematic Errors in Gas Chromatography-Mass Spectrometry. <i>Analytical Chemistry</i> , 2016, 88, 2234-2242.	3.2	28
10	Production of Diethyl Terephthalate from Biomass-Derived Muconic Acid. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 249-253.	7.2	108
11	Effects of alkaline additives on the formation of lactic acid in sorbitol hydrogenolysis over Ni/C catalyst. <i>Chinese Journal of Catalysis</i> , 2016, 37, 177-183.	6.9	12
12	A metabolomics study delineating geographical location-associated primary metabolic changes in the leaves of growing tobacco plants by GC-MS and CE-MS. <i>Scientific Reports</i> , 2015, 5, 16346.	1.6	74
13	Metabolic responses of rice leaves and seeds under transgenic backcross breeding and pesticide stress by pseudotargeted metabolomics. <i>Metabolomics</i> , 2015, 11, 1802-1814.	1.4	16
14	Catalytic oxidation of glycerol to tartronic acid over Au/HY catalyst under mild conditions. <i>Chinese Journal of Catalysis</i> , 2014, 35, 1653-1660.	6.9	45
15	Study of polar metabolites in tobacco from different geographical origins by using capillary electrophoresis-mass spectrometry. <i>Metabolomics</i> , 2014, 10, 805-815.	1.4	27
16	Selective hydrogenative cleavage of C-C bonds in sorbitol using Ni-Re/C catalyst under nitrogen atmosphere. <i>Catalysis Today</i> , 2014, 234, 107-112.	2.2	32
17	Biphasic Catalytic Conversion of Fructose by Continuous Hydrogenation of HMF over a Hydrophobic Ruthenium Catalyst. <i>ChemSusChem</i> , 2014, 7, 1352-1356.	3.6	54
18	A simultaneous extraction method for metabolome and lipidome and its application in cry1Ac and sck-transgenic rice leaf treated with insecticide based on LC-MS analysis. <i>Metabolomics</i> , 2014, 10, 1197-1209.	1.4	24

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19	Gold Nanoclusters Confined in a Supercage of Y Zeolite for Aerobic Oxidation of HMF under Mild Conditions. <i>Chemistry - A European Journal</i> , 2013, 19, 14215-14223.	1.7	184
20	Analysis of free amino acids in flue-cured tobacco leaves using ultra-high performance liquid chromatography with single quadrupole mass spectrometry. <i>Journal of Separation Science</i> , 2013, 36, 2868-2877.	1.3	19
21	Lignin depolymerization (LDP) in alcohol over nickel-based catalysts via a fragmentation-hydrogenolysis process. <i>Energy and Environmental Science</i> , 2013, 6, 994.	15.6	780
22	Immobilized Ru Clusters in Nanosized Mesoporous Zirconium Silica for the Aqueous Hydrogenation of Furan Derivatives at Room Temperature. <i>ChemCatChem</i> , 2013, 5, 2822-2826.	1.8	89
23	Hydrogenation and cleavage of the C-O bonds in the lignin model compound phenethyl phenyl ether over a nickel-based catalyst. <i>Chinese Journal of Catalysis</i> , 2013, 34, 651-658.	6.9	74
24	Catalytic selective etherification of hydroxyl groups in 5-hydroxymethylfurfural over H ₄ SiW ₁₂ O ₄₀ /MCM-41 nanospheres for liquid fuel production. <i>Bioresource Technology</i> , 2012, 119, 433-436.	4.8	113
25	Catalytic Hydrogenolysis of Xylitol Aqueous Solution Over Ni-La/AC Catalysts. <i>Energy and Environment Focus</i> , 2012, 1, 99-104.	0.3	3