

Haisheng Wei

List of Publications by Year in descending order

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14
papers

1,481
citations

840119

11
h-index

1058022

14
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14
docs citations

14
times ranked

2635
citing authors

#	ARTICLE	IF	CITATIONS
1	FeOx-supported platinum single-atom and pseudo-single-atom catalysts for chemoselective hydrogenation of functionalized nitroarenes. <i>Nature Communications</i> , 2014, 5, 5634.	5.8	890
2	ZnAl ₂ O ₄ -Hydrotalcite ₂ -Supported Au ₂₅ Nanoclusters as Precatalysts for Chemoselective Hydrogenation of 3-Nitrostyrene. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2709-2713.	7.2	127
3	Ferric Oxide-Supported Pt Subnano Clusters for Preferential Oxidation of CO in H ₂ -Rich Gas at Room Temperature. <i>ACS Catalysis</i> , 2014, 4, 2113-2117.	5.5	96
4	Remarkable effect of alkalis on the chemoselective hydrogenation of functionalized nitroarenes over high-loading Pt/FeO _x catalysts. <i>Chemical Science</i> , 2017, 8, 5126-5131.	3.7	90
5	Oxygen surface groups of activated carbon steer the chemoselective hydrogenation of substituted nitroarenes over nickel nanoparticles. <i>Chemical Communications</i> , 2017, 53, 1969-1972.	2.2	53
6	Chemoselective hydrogenation of 3-nitrostyrene over a Pt/FeO _x pseudo-single-atom-catalyst in CO ₂ -expanded liquids. <i>Green Chemistry</i> , 2016, 18, 1332-1338.	4.6	46
7	ZnAl ₂ O ₄ -Hydrotalcite ₂ -Supported Au ₂₅ Nanoclusters as Precatalysts for Chemoselective Hydrogenation of 3-Nitrostyrene. <i>Angewandte Chemie</i> , 2017, 129, 2753-2757.	1.6	40
8	Magnetic iron oxide nanoparticles coated by hierarchically structured silica: a highly stable nanocomposite system and ideal catalyst support. <i>Journal of Materials Chemistry A</i> , 2014, 2, 11202.	5.2	37
9	Supported Au-Ni nano-alloy catalysts for the chemoselective hydrogenation of nitroarenes. <i>Chinese Journal of Catalysis</i> , 2015, 36, 160-167.	6.9	37
10	Synthesis, Characterization, and Catalytic Applications of Core-Shell Magnetic Carbonaceous Nanocomposites. <i>Journal of Physical Chemistry C</i> , 2014, 118, 25110-25117.	1.5	28
11	Metal-organic framework (MOF)-derived catalysts for chemoselective hydrogenation of nitroarenes. <i>New Journal of Chemistry</i> , 2021, 45, 18268-18276.	1.4	18
12	Enhancing the stability of the Rh/ZnO catalyst by the growth of ZIF-8 for the hydroformylation of higher olefins. <i>RSC Advances</i> , 2020, 10, 34381-34386.	1.7	10
13	In Situ Transformation of ZIF-8 into Porous Overlayer on Ru/ZnO for Enhanced Hydrogenation Catalysis. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 12295-12303.	4.0	8
14	Efficient Ce-Co composite oxide decorated Au nanoparticles for catalytic oxidation of CO in the simulated atmosphere of a CO ₂ laser. <i>RSC Advances</i> , 2020, 10, 22921-22928.	1.7	1