

He Zhang

List of Publications by Year in descending order

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21
papers

2,068
citations

361413

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677142

22
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docs citations

23
times ranked

2793
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon-supported bimetallic Pd-Fe catalysts for vapor-phase hydrodeoxygenation of guaiacol. <i>Journal of Catalysis</i> , 2013, 306, 47-57.	6.2	384
2	Toward Monodispersed Silver Nanoparticles with Unusual Thermal Stability. <i>Journal of the American Chemical Society</i> , 2006, 128, 15756-15764.	13.7	233
3	Selective Extraction of Peptides from Human Plasma by Highly Ordered Mesoporous Silica Particles for Peptidome Analysis. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 962-965.	13.8	174
4	Unusual Mesoporous SBA-15 with Parallel Channels Running along the Short Axis. <i>Journal of the American Chemical Society</i> , 2004, 126, 7440-7441.	13.7	173
5	Synergistic Catalysis between Pd and Fe in Gas Phase Hydrodeoxygenation of <i>m</i> -Cresol. <i>ACS Catalysis</i> , 2014, 4, 3335-3345.	11.2	173
6	Engineered Complex Emulsion System: Toward Modulating the Pore Length and Morphological Architecture of Mesoporous Silicas. <i>Journal of Physical Chemistry B</i> , 2006, 110, 25908-25915.	2.6	116
7	Enhanced Fe ₂ O ₃ Reducibility via Surface Modification with Pd: Characterizing the Synergy within Pd/Fe Catalysts for Hydrodeoxygenation Reactions. <i>ACS Catalysis</i> , 2014, 4, 3381-3392.	11.2	114
8	Ultrafast enzyme immobilization over large-pore nanoscale mesoporous silica particles. <i>Chemical Communications</i> , 2006, , 1322.	4.1	112
9	Influence of ZnO Facets on Pd/ZnO Catalysts for Methanol Steam Reforming. <i>ACS Catalysis</i> , 2014, 4, 2379-2386.	11.2	99
10	Alkanes-assisted low temperature formation of highly ordered SBA-15 with large cylindrical mesopores. <i>Chemical Communications</i> , 2005, , 5343.	4.1	96
11	Conversion of biomass-derived small oxygenates over HZSM-5 and its deactivation mechanism. <i>Green Chemistry</i> , 2014, 16, 748-760.	9.0	63
12	Supported metal catalysts for alcohol/sugar alcohol steam reforming. <i>Dalton Transactions</i> , 2014, 43, 11782.	3.3	60
13	Large-pore mesoporous SBA-15 silica particles with submicrometer size as stationary phases for high-speed CEC separation. <i>Electrophoresis</i> , 2006, 27, 742-748.	2.4	52
14	Carbon as a hard template for nano material catalysts. <i>Journal of Natural Gas Chemistry</i> , 2012, 21, 215-232.	1.8	43
15	Phase evolution in the alkane-water-TEOS quadru-component system: a feasible route to different complex mesostructured materials. <i>Journal of Materials Chemistry</i> , 2006, 16, 1507-1510.	6.7	34
16	High CO ₂ Selectivity of ZnO Powder Catalysts for Methanol Steam Reforming. <i>Journal of Physical Chemistry C</i> , 2013, 117, 6493-6503.	3.1	27
17	Distinct water activation on polar/non-polar facets of ZnO nanoparticles. <i>Journal of Catalysis</i> , 2015, 331, 57-62.	6.2	24
18	Effect of ZnO facet on ethanol steam reforming over Co/ZnO. <i>Catalysis Communications</i> , 2016, 73, 93-97.	3.3	22

#	ARTICLE	IF	CITATIONS
19	Macro- and mesoporous silicas complex and the carbon replica. <i>Microporous and Mesoporous Materials</i> , 2007, 100, 356-360.	4.4	20
20	Effect of Cobalt Particle Size on Acetone Steam Reforming. <i>ChemCatChem</i> , 2015, 7, 2932-2936.	3.7	12
21	Organic Molecule-Modulated Phase Evolution of Inorganic Mesostructures. <i>Langmuir</i> , 2008, 24, 2372-2380.	3.5	10