

Chaofa Xu

List of Publications by Year in descending order

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16
papers

2,349
citations

623734

14
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940533

16
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16
all docs

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docs citations

16
times ranked

4136
citing authors

#	ARTICLE	IF	CITATIONS
1	Atomic overlayer of permeable microporous cuprous oxide on palladium promotes hydrogenation catalysis. <i>Nature Communications</i> , 2022, 13, 2597.	12.8	22
2	Alkali ions secure hydrides for catalytic hydrogenation. <i>Nature Catalysis</i> , 2020, 3, 703-709.	34.4	123
3	Carbon Monoxide Promotes the Catalytic Hydrogenation on Metal Cluster Catalysts. <i>Research</i> , 2020, 2020, 4172794.	5.7	14
4	Interfacing with silica boosts the catalysis of copper. <i>Nature Communications</i> , 2018, 9, 3367.	12.8	159
5	Embryonic Growth of Face-Center-Cubic Silver Nanoclusters Shaped in Nearly Perfect Half-Cubes and Cubes. <i>Journal of the American Chemical Society</i> , 2017, 139, 31-34.	13.7	113
6	From Racemic Metal Nanoparticles to Optically Pure Enantiomers in One Pot. <i>Journal of the American Chemical Society</i> , 2017, 139, 16113-16116.	13.7	111
7	Ultrastable atomic copper nanosheets for selective electrochemical reduction of carbon dioxide. <i>Science Advances</i> , 2017, 3, e1701069.	10.3	211
8	Air-promoted selective hydrogenation of phenol to cyclohexanone at low temperature over Pd-based nanocatalysts. <i>Science China Chemistry</i> , 2017, 60, 1444-1449.	8.2	11
9	Electrochemical Partial Reforming of Ethanol into Ethyl Acetate Using Ultrathin Co_3O_4 Nanosheets as a Highly Selective Anode Catalyst. <i>ACS Central Science</i> , 2016, 2, 538-544.	11.3	120
10	Plasmonic twinned silver nanoparticles with molecular precision. <i>Nature Communications</i> , 2016, 7, 12809.	12.8	235
11	Carbon Monoxide-Assisted Synthesis of Ultrathin PtCu Alloy Nanosheets and Their Enhanced Catalysis. <i>ChemNanoMat</i> , 2016, 2, 776-780.	2.8	46
12	Interfacial electronic effects control the reaction selectivity of platinum catalysts. <i>Nature Materials</i> , 2016, 15, 564-569.	27.5	548
13	Fabrication of Cu-Ag bimetal nanotube-based copper silicates for enhancement of antibacterial activities. <i>RSC Advances</i> , 2015, 5, 39612-39619.	3.6	29
14	An Intermetallic $\text{Au}_{24}\text{Ag}_{20}$ Superatom Nanocluster Stabilized by Labile Ligands. <i>Journal of the American Chemical Society</i> , 2015, 137, 4324-4327.	13.7	175
15	A graphene-platinum nanoparticles-ionic liquid composite catalyst for methanol-tolerant oxygen reduction reaction. <i>Energy and Environmental Science</i> , 2012, 5, 6923.	30.8	126
16	Facile Synthesis of Manganese Oxide-Containing Mesoporous Nitrogen-Doped Carbon for Efficient Oxygen Reduction. <i>Advanced Functional Materials</i> , 2012, 22, 4584-4591.	14.9	306