

Shi-Long Xu

List of Publications by Year in descending order

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13
papers

798
citations

1307594

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1199594

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docs citations

13
times ranked

946
citing authors

#	ARTICLE	IF	CITATIONS
1	Sulfur-anchoring synthesis of platinum intermetallic nanoparticle catalysts for fuel cells. <i>Science</i> , 2021, 374, 459-464.	12.6	343
2	A sulfur-tethering synthesis strategy toward high-loading atomically dispersed noble metal catalysts. <i>Science Advances</i> , 2019, 5, eaax6322.	10.3	177
3	Transition metal-assisted carbonization of small organic molecules toward functional carbon materials. <i>Science Advances</i> , 2018, 4, eaat0788.	10.3	172
4	Electronic Modulation of Pd-Based Bimetallic Catalysts with Sulfur-Doped Carbon Support for Phenylacetylene Semihydrogenation. <i>Inorganic Chemistry</i> , 2020, 59, 5694-5701.	4.0	22
5	A library of carbon-supported ultrasmall bimetallic nanoparticles. <i>Nano Research</i> , 2020, 13, 2735-2740.	10.4	18
6	Synthesis of carbon-supported sub-2 nanometer bimetallic catalysts by strong metal-sulfur interaction. <i>Chemical Science</i> , 2020, 11, 7933-7939.	7.4	17
7	Nitrogen-fixing of ultrasmall Pd-based bimetallic nanoclusters on carbon supports. <i>Journal of Catalysis</i> , 2020, 389, 297-304.	6.2	16
8	A Sulfur-Fixing Strategy toward Carbon-Supported Ru-Based Bimetallic Nanocluster Catalysts. <i>ChemNanoMat</i> , 2020, 6, 969-975.	2.8	8
9	High-Temperature Synthesis of Small-Sized Pt/Nb Alloy Catalysts on Carbon Supports for Hydrothermal Reactions. <i>Inorganic Chemistry</i> , 2020, 59, 15953-15961.	4.0	7
10	Bulky nanodiamond-confined synthesis of sub-5 nanometer ordered intermetallic Pd ₃ Pb catalysts. <i>Nano Research</i> , 2022, 15, 4973-4979.	10.4	7
11	High-Temperature Synthesis of Carbon-Supported Bimetallic Nanocluster Catalysts by Enlarging the Interparticle Distance. <i>Inorganic Chemistry</i> , 2022, 61, 2719-2723.	4.0	5
12	Synthesis of Carbon-Metal Oxide Composites as Catalyst Supports by "Cooking Sugar with Salt". <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 731-737.	6.7	3
13	Pentacoordinate Al ³⁺ Sites Anchoring Synthesis of Palladium Intermetallic Catalysts on Al ₂ O ₃ Supports. <i>Inorganic Chemistry</i> , 2022, 61, 6706-6710.	4.0	3