

Lei Wang

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

453
citations

1040056

9
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

680
citing authors

#	ARTICLE	IF	CITATIONS
1	A sulfur-tethering synthesis strategy toward high-loading atomically dispersed noble metal catalysts. <i>Science Advances</i> , 2019, 5, eaax6322.	10.3	177
2	Extraordinary electrocatalytic performance for formic acid oxidation by the synergistic effect of Pt and Au on carbon black. <i>Nano Energy</i> , 2018, 48, 1-9.	16.0	77
3	Atomic origins of the strong metal-support interaction in silica supported catalysts. <i>Chemical Science</i> , 2021, 12, 12651-12660.	7.4	36
4	Development of Coconut Shell Activated Carbon-Tethered Urease for Degradation of Urea in a Packed Bed. <i>ACS Sustainable Chemistry and Engineering</i> , 2014, 2, 433-439.	6.7	19
5	A library of carbon-supported ultrasmall bimetallic nanoparticles. <i>Nano Research</i> , 2020, 13, 2735-2740.	10.4	18
6	Nitrogen-fixing of ultrasmall Pd-based bimetallic nanoclusters on carbon supports. <i>Journal of Catalysis</i> , 2020, 389, 297-304.	6.2	16
7	Kinetic diffusion-controlled synthesis of twinned intermetallic nanocrystals for CO-resistant catalysis. <i>Science Advances</i> , 2022, 8, .	10.3	16
8	Direct Visualization of the Evolution of a Single-Atomic Cobalt Catalyst from Melting Nanoparticles with Carbon Dissolution. <i>Advanced Science</i> , 2022, 9, e2200592.	11.2	15
9	Coconut Shell Activated Carbon Supported Quaternary Ammonium for Continuous Cycloaddition of CO ₂ and Biogas Upgrading in a Packed Bed. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 5894-5900.	3.7	13
10	Smart micelles self-assembled from four-arm star polymers as potential drug carriers for pH-triggered DOX release. <i>Journal of Polymer Research</i> , 2020, 27, 1.	2.4	10
11	Polyoxometalate steric hindrance driven chirality-selective separation of subnanometer carbon nanotubes. <i>Chemical Science</i> , 2022, 13, 5920-5928.	7.4	10
12	A metal-catalyzed thermal polymerization strategy toward atomically dispersed catalysts. <i>Chemical Communications</i> , 2019, 55, 11579-11582.	4.1	8
13	A Sulfur-Fixing Strategy toward Carbon-Supported Ru-Based Bimetallic Nanocluster Catalysts. <i>ChemNanoMat</i> , 2020, 6, 969-975.	2.8	8
14	Thermally stable single atom catalysts: From concept to <i>in situ</i> study. <i>Functional Materials Letters</i> , 2021, 14, .	1.2	7
15	Selective separation of single-walled carbon nanotubes in aqueous solution by assembling redox nanoclusters. <i>Nanoscale</i> , 2022, 14, 953-961.	5.6	7
16	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
17	Nitrogen-bonded ultrasmall palladium clusters over the nitrogen-doped carbon for promoting Suzuki cross-coupling reactions. <i>Advanced Composites and Hybrid Materials</i> , 2022, 5, 1396-1403.	21.1	5
18	Development of Ionic Liquids Tethered to Coconut Shell Activated Carbon for Biogas Upgrading in a Packed Bed. <i>Energy Technology</i> , 2015, 3, 509-517.	3.8	4

#	ARTICLE	IF	CITATIONS
19	Treatment of Urea Waste Water over Coconut Shell Activated Carbon Tethered Urease. Applied Mechanics and Materials, 0, 295-298, 1359-1363.	0.2	0