

# 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	Selective separation of single-walled carbon nanotubes in aqueous solution by assembling redox nanoclusters. <i>Nanoscale</i> , 2022, 14, 953-961.	5.6	7
2	Bulky nanodiamond-confined synthesis of sub-5 nanometer ordered intermetallic Pd <sub>3</sub> Pb catalysts. <i>Nano Research</i> , 2022, 15, 4973-4979.	10.4	7
3	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
4	Polyoxometalate steric hindrance driven chirality-selective separation of subnanometer carbon nanotubes. <i>Chemical Science</i> , 2022, 13, 5920-5928.	7.4	10
5	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
6	Kinetic diffusion-controlled synthesis of twinned intermetallic nanocrystals for CO-resistant catalysis. <i>Science Advances</i> , 2022, 8, .	10.3	16
7	Atomic origins of the strong metal-support interaction in silica supported catalysts. <i>Chemical Science</i> , 2021, 12, 12651-12660.	7.4	36
8	Thermally stable single atom catalysts: From concept to <i>in situ</i> study. <i>Functional Materials Letters</i> , 2021, 14, .	1.2	7
9	A library of carbon-supported ultrasmall bimetallic nanoparticles. <i>Nano Research</i> , 2020, 13, 2735-2740.	10.4	18
10	Nitrogen-fixing of ultrasmall Pd-based bimetallic nanoclusters on carbon supports. <i>Journal of Catalysis</i> , 2020, 389, 297-304.	6.2	16
11	A Sulfur-Fixing Strategy toward Carbon-Supported Ru-Based Bimetallic Nanocluster Catalysts. <i>ChemNanoMat</i> , 2020, 6, 969-975.	2.8	8
12	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
13	A sulfur-tethering synthesis strategy toward high-loading atomically dispersed noble metal catalysts. <i>Science Advances</i> , 2019, 5, eaax6322.	10.3	177
14	A metal-catalyzed thermal polymerization strategy toward atomically dispersed catalysts. <i>Chemical Communications</i> , 2019, 55, 11579-11582.	4.1	8
15	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
16	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
17	Coconut Shell Activated Carbon Supported Quaternary Ammonium for Continuous Cycloaddition of CO <sub>2</sub> and Biogas Upgrading in a Packed Bed. <i>Industrial &amp; Engineering Chemistry Research</i> , 2015, 54, 5894-5900.	3.7	13
18	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

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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