Lei Jin

List of Publications by Citations

35 papers	1,734 citations	21 h-index	37 g-index
37 ext. papers	1,990 ext. citations	9.2 avg, IF	4.7 L-index

#	Paper	IF	Citations
35	ZnO with Different Morphologies Synthesized by Solvothermal Methods for Enhanced Photocatalytic Activity. *Chemistry of Materials*, **2009**, 21, 2875-2885	9.6	391
34	Ligand-Free Noble Metal Nanocluster Catalysts on Carbon Supports via "Soft" Nitriding. *Journal of the American Chemical Society*, **2016**, 138, 4718-21	16.4	162
33	Novel Urchin-like CuO Synthesized by a Facile Reflux Method with Efficient Olefin Epoxidation Catalytic Performance. *Chemistry of Materials*, **2009**, 21, 1253-1259	9.6	135
32	Titanium Containing □MnO2 (TM) Hollow Spheres: One-Step Synthesis and Catalytic Activities in Li/Air Batteries and Oxidative Chemical Reactions. *Advanced Functional Materials*, **2010**, 20, 3373-3382	15.6	135
31	Heterogeneous acidic TiO2 nanoparticles for efficient conversion of biomass derived carbohydrates. *Green Chemistry*, **2014**, 16, 785	10	115
30	Au□Carbon Electronic Interaction Mediated Selective Oxidation of Styrene. *ACS Catalysis*, **2017**, 7, 3483-3488	13.1	65
29	High energy density asymmetric supercapacitors based on MOF-derived nanoporous carbon/manganese dioxide hybrids. *Chemical Engineering Journal*, **2017**, 322, 582-589	14.7	57
28	Ultrafine Co-based Nanoparticle@Mesoporous Carbon Nanospheres toward High-Performance Supercapacitors. *ACS Applied Materials & Interfaces*, **2017**, 9, 1746-1758	9.5	56
27	Hierarchically porous Cu/Zn bimetallic catalysts for highly selective CO2 electroreduction to liquid C2 products. *Applied Catalysis B: Environmental*, **2020**, 269, 118800	21.8	53
26	Partial Surface Selenization of Cobalt Sulfide Microspheres for Enhancing the Hydrogen Evolution Reaction. *ACS Catalysis*, **2019**, 9, 456-465	13.1	50
25	Synthesis of Mesoporous CoS and NiCoS with Superior Supercapacitive Performance Using a Facile Solid-Phase Sulfurization. *ACS Applied Materials & Interfaces*, **2017**, 9, 36837-36848	9.5	49
24	Templated Growth of Crystalline Mesoporous Materials: From Soft/Hard Templates to Colloidal Templates. *Frontiers in Chemistry*, **2019**, 7, 22	5	49
23	A facile synthesis of Fe3C@mesoporous carbon nitride nanospheres with superior electrocatalytic activity. *Nanoscale*, **2016**, 8, 5441-5	7.7	47
22	Gram-Scale Synthesis and Kinetic Study of Bright Carbon Dots from Citric Acid and via a Microwave-Assisted Method. *ACS Omega*, **2017**, 2, 5196-5208	3.9	43
21	Ultrasmall Au nanocatalysts supported on nitrided carbon for electrocatalytic CO reduction: the role of the carbon support in high selectivity. *Nanoscale*, **2018**, 10, 14678-14686	7.7	42
20	Engineering Surface Ligands of Noble Metal Nanocatalysts in Tuning the Product Selectivity. *Catalysts*, **2017**, 7, 44	4	34
19	Direct growth of ultrasmall bimetallic AuPd nanoparticles supported on nitrided carbon towards ethanol electrooxidation. *Electrochimica Acta*, **2018**, 269, 441-451	6.7	34

18	Surface Engineering of Spherical Metal Nanoparticles with Polymers toward Selective Asymmetric Synthesis of Nanobowls and Janus-Type Dimers. *Small*, **2017**, 13, 1700091	11	27
17	Single Chain Polymeric Nanoparticles to Promote Selective Hydroxylation Reactions of Phenol Catalyzed by Copper. *ACS Macro Letters*, **2017**, 6, 652-656	6.6	25
16	Potassium modified layered Ln2O2CO3 (Ln: La, Nd, Sm, Eu) materials: efficient and stable heterogeneous catalysts for biofuel production. *Green Chemistry*, **2015**, 17, 3600-3608	10	21
15	Ultrafine and Ligand-Free Precious Metal (Ru, Ag, Au, Rh and Pd) Nanoclusters Supported on Phosphorus-Doped Carbon. *Chemistry - A European Journal*, **2018**, 24, 2565-2569	4.8	21
14	Template-free Synthesis of Mesoporous and Crystalline Transition Metal Oxide Nanoplates with Abundant Surface Defects. *Matter*, **2020**, 2, 1244-1259	12.7	18
13	Multiblock thermoplastic elastomers via one-pot thiol‐ene reaction. *Polymer Chemistry*, **2016**, 7, 4824-4832	4.9	17
12	Highly Crystalline Mesoporous Titania Loaded with Monodispersed Gold Nanoparticles: Controllable Metal-Support Interaction in Porous Materials. *ACS Applied Materials & Interfaces*, **2020**, 12, 9617-9627	9.5	15
11	Co-Template Directed Synthesis of Gold Nanoparticles in Mesoporous Titanium Dioxide. *Chemistry - A European Journal*, **2018**, 24, 9651-9657	4.8	14
10	Enzymatic Photoreduction of Carbon Dioxide using Polymeric Metallofoldamers Containing Nickel‐Thiolate Cofactors. *ChemCatChem*, **2017**, 9, 1157-1162	5.2	13
9	Self-limiting growth of ligand-free ultrasmall bimetallic nanoparticles on carbon through under temperature reduction for highly efficient methanol electrooxidation and selective hydrogenation. *Applied Catalysis B: Environmental*, **2020**, 264, 118553	21.8	10
8	Surface Basicity of Metal@TiO to Enhance Photocatalytic Efficiency for CO Reduction. *ACS Applied Materials & Interfaces*, **2021**, 13, 38595-38603	9.5	8
7	Oxidative nucleation and growth of Janus-type MnO-Ag and MnO-AgI nanoparticles. *Nanoscale*, **2019**, 11, 15147-15155	7.7	7
6	Crystalline Mesoporous Complex Oxides: Porosity-Controlled Electromagnetic Response. *Advanced Functional Materials*, **2020**, 30, 1909491	15.6	5
5	Polymer-Assisted Co-Assembly towards Synthesis of Mesoporous Titania Encapsulated Monodisperse PdAu for Highly Selective Hydrogenation of Phenylacetylene. *ChemCatChem*, **2020**, 12, 1476-1482	5.2	5
4	Supported Pt Nanoparticles on Mesoporous Titania for Selective Hydrogenation of Phenylacetylene. *Frontiers in Chemistry*, **2020**, 8, 581512	5	5
3	Direct Construction of Mesoporous Metal Sulfides via Reactive Spray Deposition Technology. *ACS Applied Energy Materials*, **2019**, 2, 2370-2374	6.1	3
2	Structural Engineering in the Self-Assembly of Amphiphilic Block Copolymers with Reactive Additives: Micelles, Vesicles, and Beyond. *Langmuir*, **2021**,	4	2
1	Bioinspired Design of Hybrid Polymer Catalysts with Multicopper Sites for Oxygen Reduction. *ChemCatChem*, **2020**, 12, 5932-5937	5.2	1