

Lei Jin

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Structural Engineering in the Self-Assembly of Amphiphilic Block Copolymers with Reactive Additives: Micelles, Vesicles, and Beyond. <i>Langmuir</i> , 2021 ,	4	2
34	Surface Basicity of Metal@TiO to Enhance Photocatalytic Efficiency for CO Reduction. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 38595-38603	9.5	8
33	Template-free Synthesis of Mesoporous and Crystalline Transition Metal Oxide Nanoplates with Abundant Surface Defects. <i>Matter</i> , 2020 , 2, 1244-1259	12.7	18
32	Hierarchically porous Cu/Zn bimetallic catalysts for highly selective CO ₂ electroreduction to liquid C ₂ products. <i>Applied Catalysis B: Environmental</i> , 2020 , 269, 118800	21.8	53
31	Crystalline Mesoporous Complex Oxides: Porosity-Controlled Electromagnetic Response. <i>Advanced Functional Materials</i> , 2020 , 30, 1909491	15.6	5
30	Polymer-Assisted Co-Assembly towards Synthesis of Mesoporous Titania Encapsulated Monodisperse PdAu for Highly Selective Hydrogenation of Phenylacetylene. <i>ChemCatChem</i> , 2020 , 12, 1476-1482	5.2	5
29	Self-limiting growth of ligand-free ultrasmall bimetallic nanoparticles on carbon through under temperature reduction for highly efficient methanol electrooxidation and selective hydrogenation. <i>Applied Catalysis B: Environmental</i> , 2020 , 264, 118553	21.8	10
28	Highly Crystalline Mesoporous Titania Loaded with Monodispersed Gold Nanoparticles: Controllable Metal-Support Interaction in Porous Materials. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 9617-9627	9.5	15
27	Supported Pt Nanoparticles on Mesoporous Titania for Selective Hydrogenation of Phenylacetylene. <i>Frontiers in Chemistry</i> , 2020 , 8, 581512	5	5
26	Bioinspired Design of Hybrid Polymer Catalysts with Multicopper Sites for Oxygen Reduction. <i>ChemCatChem</i> , 2020 , 12, 5932-5937	5.2	1
25	Templated Growth of Crystalline Mesoporous Materials: From Soft/Hard Templates to Colloidal Templates. <i>Frontiers in Chemistry</i> , 2019 , 7, 22	5	49
24	Oxidative nucleation and growth of Janus-type MnO-Ag and MnO-AgI nanoparticles. <i>Nanoscale</i> , 2019 , 11, 15147-15155	7.7	7
23	Direct Construction of Mesoporous Metal Sulfides via Reactive Spray Deposition Technology. <i>ACS Applied Energy Materials</i> , 2019 , 2, 2370-2374	6.1	3
22	Partial Surface Selenization of Cobalt Sulfide Microspheres for Enhancing the Hydrogen Evolution Reaction. <i>ACS Catalysis</i> , 2019 , 9, 456-465	13.1	50
21	Direct growth of ultrasmall bimetallic AuPd nanoparticles supported on nitrated carbon towards ethanol electrooxidation. <i>Electrochimica Acta</i> , 2018 , 269, 441-451	6.7	34
20	Ultrafine and Ligand-Free Precious Metal (Ru, Ag, Au, Rh and Pd) Nanoclusters Supported on Phosphorus-Doped Carbon. <i>Chemistry - A European Journal</i> , 2018 , 24, 2565-2569	4.8	21
19	Co-Template Directed Synthesis of Gold Nanoparticles in Mesoporous Titanium Dioxide. <i>Chemistry - A European Journal</i> , 2018 , 24, 9651-9657	4.8	14

18	Ultrasml Au nanocatalysts supported on nitrld carbon for electrocatalytic CO reduction: the role of the carbon support in high selectivity. <i>Nanoscale</i> , 2018 , 10, 14678-14686	7.7	42
17	Enzymatic Photoreduction of Carbon Dioxide using Polymeric Metallofoldamers Containing Nickel Thiolate Cofactors. <i>ChemCatChem</i> , 2017 , 9, 1157-1162	5.2	13
16	Au-Carbon Electronic Interaction Mediated Selective Oxidation of Styrene. <i>ACS Catalysis</i> , 2017 , 7, 3483-3488	4.8	65
15	High energy density asymmetric supercapacitors based on MOF-derived nanoporous carbon/manganese dioxide hybrids. <i>Chemical Engineering Journal</i> , 2017 , 322, 582-589	14.7	57
14	Single Chain Polymeric Nanoparticles to Promote Selective Hydroxylation Reactions of Phenol Catalyzed by Copper. <i>ACS Macro Letters</i> , 2017 , 6, 652-656	6.6	25
13	Surface Engineering of Spherical Metal Nanoparticles with Polymers toward Selective Asymmetric Synthesis of Nanobowls and Janus-Type Dimers. <i>Small</i> , 2017 , 13, 1700091	11	27
12	Ultrafine Co-based Nanoparticle@Mesoporous Carbon Nanospheres toward High-Performance Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 1746-1758	9.5	56
11	Synthesis of Mesoporous CoS and NiCoS with Superior Supercapacitive Performance Using a Facile Solid-Phase Sulfurization. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 36837-36848	9.5	49
10	Engineering Surface Ligands of Noble Metal Nanocatalysts in Tuning the Product Selectivity. <i>Catalysts</i> , 2017 , 7, 44	4	34
9	Gram-Scale Synthesis and Kinetic Study of Bright Carbon Dots from Citric Acid and via a Microwave-Assisted Method. <i>ACS Omega</i> , 2017 , 2, 5196-5208	3.9	43
8	Multiblock thermoplastic elastomers via one-pot thiol-ene reaction. <i>Polymer Chemistry</i> , 2016 , 7, 4824-4832	4.9	17
7	Ligand-Free Noble Metal Nanocluster Catalysts on Carbon Supports via "Soft" Nitriding. <i>Journal of the American Chemical Society</i> , 2016 , 138, 4718-21	16.4	162
6	A facile synthesis of Fe ₃ C@mesoporous carbon nitride nanospheres with superior electrocatalytic activity. <i>Nanoscale</i> , 2016 , 8, 5441-5	7.7	47
5	Potassium modified layered Ln ₂ O ₂ CO ₃ (Ln: La, Nd, Sm, Eu) materials: efficient and stable heterogeneous catalysts for biofuel production. <i>Green Chemistry</i> , 2015 , 17, 3600-3608	10	21
4	Heterogeneous acidic TiO ₂ nanoparticles for efficient conversion of biomass derived carbohydrates. <i>Green Chemistry</i> , 2014 , 16, 785	10	115
3	Titanium Containing MnO ₂ (TM) Hollow Spheres: One-Step Synthesis and Catalytic Activities in Li/Air Batteries and Oxidative Chemical Reactions. <i>Advanced Functional Materials</i> , 2010 , 20, 3373-3382	15.6	135
2	ZnO with Different Morphologies Synthesized by Solvothermal Methods for Enhanced Photocatalytic Activity. <i>Chemistry of Materials</i> , 2009 , 21, 2875-2885	9.6	391
1	Novel Urchin-like CuO Synthesized by a Facile Reflux Method with Efficient Olefin Epoxidation Catalytic Performance. <i>Chemistry of Materials</i> , 2009 , 21, 1253-1259	9.6	135

