Cuiling Li

List of Publications by Year
in descending order

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83 papers	7,112 citations	87723 38 h-index	56606 83 g-index
92 all docs	92 docs citations	92 times ranked	9234 citing authors

#	Article	IF	Citations
1	Two-Dimensional Metal Nanomaterials: Synthesis, Properties, and Applications. Chemical Reviews, 2018, 118, 6409-6455.	23.0	711
2	Synthesis of Nitrogenâ€Doped Mesoporous Carbon Spheres with Extraâ€Large Pores through Assembly of Diblock Copolymer Micelles. Angewandte Chemie - International Edition, 2015, 54, 588-593.	7.2	380
3	Nanoarchitectures for Mesoporous Metals. Advanced Materials, 2016, 28, 993-1010.	11.1	357
4	Engineering sulfur vacancies and impurities in NiCo2S4 nanostructures toward optimal supercapacitive performance. Nano Energy, 2016, 26, 313-323.	8.2	345
5	Emerging Pt-based electrocatalysts with highly open nanoarchitectures for boosting oxygen reduction reaction. Nano Today, 2018, 21, 91-105.	6.2	285
6	Electrochemical Deposition: An Advanced Approach for Templated Synthesis of Nanoporous Metal Architectures. Accounts of Chemical Research, 2018, 51, 1764-1773.	7.6	277
7	Electrochemical Synthesis of Oneâ€Dimensional Mesoporous Pt Nanorods Using the Assembly of Surfactant Micelles in Confined Space. Angewandte Chemie - International Edition, 2013, 52, 8050-8053.	7.2	259
8	Synthesis of Nanoporous Carbonâ€“Cobaltâ€Oxide Hybrid Electrocatalysts by Thermal Conversion of Metalâ€“Organic Frameworks. Chemistry - A European Journal, 2014, 20, 4217-4221.	1.7	253
9	Mesoporous metallic rhodium nanoparticles. Nature Communications, 2017, 8, 15581.	5.8	214
10	Nanostructured nonprecious metal catalysts for electrochemical reduction of carbon dioxide. Nano Today, 2016, 11, 373-391.	6.2	200
11	Mesoporous Pt nanospheres with designed pore surface as highly active electrocatalyst. Chemical Science, 2016, 7, 1575-1581.	3.7	197
12	Electrochemical synthesis of mesoporous gold films toward mesospace-stimulated optical properties. Nature Communications, 2015, 6, 6608.	5.8	178
13	An improved sensitivity nonenzymatic glucose biosensor based on a Cu O modified electrode. Biosensors and Bioelectronics, 2010, 26, 903-907.	5.3	177
14	Pore-tuning to boost the electrocatalytic activity of polymeric micelle-templated mesoporous Pd nanoparticles. Chemical Science, 2019, 10, 4054-4061.	3.7	175
15	Polymeric Micelle Assembly for the Smart Synthesis of Mesoporous Platinum Nanospheres with Tunable Pore Sizes. Angewandte Chemie - International Edition, 2015, 54, 11073-11077.	7.2	160
16	Facile solution synthesis of Ag@Pt coreâ€“shell nanoparticles with dendritic Pt shells. Physical Chemistry Chemical Physics, 2013, 15, 3490.	1.3	159
17	Ordered Mesoporous Cobalt Phosphate with Crystallized Walls toward Highly Active Water Oxidation Electrocatalysts. Small, 2016, 12, 1709-1715.	5.2	153
18	Spatially Confined Assembly of Monodisperse Ruthenium Nanoclusters in a Hierarchically Ordered Carbon Electrode for Efficient Hydrogen Evolution. Angewandte Chemie - International Edition, 2018, 57, 5848-5852.	7.2	135

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19	Synthesis of PdM (M = Zn, Cd, ZnCd) Nanosheets with an Unconventional Face-Centered Tetragonal Phase as Highly Efficient Electrocatalysts for Ethanol Oxidation. ACS Nano, 2019, 13, 14329-14336.	7.3	133
20	Electrochemical Deposition of Mesoporous Ptâ€“Au Alloy Films in Aqueous Surfactant Solutions: Towards a Highly Sensitive Amperometric Glucose Sensor. Chemistry - A European Journal, 2013, 19, 2242-2246.	1.7	128
21	Tunableâ€Sized Polymeric Micelles and Their Assembly for the Preparation of Large Mesoporous Platinum Nanoparticles. Angewandte Chemie - International Edition, 2016, 55, 10037-10041.	7.2	122
22	Multimetallic Mesoporous Spheres Through Surfactantâ€Directed Synthesis. Advanced Science, 2015, 2, 1500112.	5.6	116
23	Mesoporous palladiumâ€“copper bimetallic electrodes for selective electrocatalytic reduction of aqueous CO₂to CO. Journal of Materials Chemistry A, 2016, 4, 4776-4782.	5.2	115
24	Selfâ€Construction from 2D to 3D: Oneâ€Pot Layerâ€byâ€Layer Assembly of Graphene Oxide Sheets Held Together by Coordination Polymers. Angewandte Chemie - International Edition, 2016, 55, 8426-8430.	7.2	101
25	Surfactant-Directed Synthesis of Mesoporous Pd Films with Perpendicular Mesochannels as Efficient Electrocatalysts. Journal of the American Chemical Society, 2015, 137, 11558-11561.	6.6	100
26	Molecularly Thin Nitride Sheets Stabilized by Titanium Carbide as Efficient Bifunctional Electrocatalysts for Fiber-Shaped Rechargeable Zinc-Air Batteries. Nano Letters, 2020, 20, 2892-2898.	4.5	68
27	Mesoporous Pt hollow cubes with controlled shell thicknesses and investigation of their electrocatalytic performance. Chemical Communications, 2014, 50, 15337-15340.	2.2	62
28	Three-dimensional hyperbranched PdCu nanostructures with high electrocatalytic activity. Chemical Communications, 2016, 52, 1186-1189.	2.2	55
29	Synthesis of ternary PtPdCu spheres with three-dimensional nanoporous architectures toward superior electrocatalysts. Journal of Materials Chemistry A, 2015, 3, 18053-18058.	5.2	52
30	Nanoporous Mn-based electrocatalysts through thermal conversion of cyano-bridged coordination polymers toward ultra-high efficiency hydrogen peroxide production. Journal of Materials Chemistry A, 2016, 4, 9266-9274.	5.2	51
31	First Synthesis of Continuous Mesoporous Copper Films with Uniformly Sized Pores by Electrochemical Soft Templating. Angewandte Chemie - International Edition, 2016, 55, 12746-12750.	7.2	50
32	Controllable anchoring of gold nanoparticles to polypyrrole nanofibers by hydrogen bonding and their application in nonenzymatic glucose sensors. Biosensors and Bioelectronics, 2012, 38, 402-406.	5.3	49
33	Superior electrocatalytic activity of mesoporous Au film templated from diblock copolymer micelles. Nano Research, 2016, 9, 1752-1762.	5.8	46
34	Size-controlled synthesis of mesoporous palladium nanoparticles as highly active and stable electrocatalysts. Chemical Communications, 2014, 50, 11753-11756.	2.2	45
35	Gold-loaded nanoporous iron oxide nanocubes: a novel dispersible capture agent for tumor-associated autoantibody analysis in serum. Nanoscale, 2017, 9, 8805-8814.	2.8	44
36	Continuous Mesoporous Pd Films by Electrochemical Deposition in Nonionic Micellar Solution. Chemistry of Materials, 2017, 29, 6405-6413.	3.2	39

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37	Layer-by-layer motif hybridization: nanoporous nickel oxide flakes wrapped into graphene oxide sheets toward enhanced oxygen reduction reaction. Chemical Communications, 2015, 51, 16409-16412.	2.2	37
38	Layerâ€byâ€Layer Motif Architectures: Programmed Electrochemical Syntheses of Multilayer Mesoporous Metallic Films with Uniformly Sized Pores. Angewandte Chemie - International Edition, 2017, 56, 7836-7841.	7.2	36
39	Electrochemical acetylene sensor based on Au/MWCNTs. Sensors and Actuators B: Chemical, 2010, 149, 427-431.	4.0	34
40	Morphosynthesis of nanoporous pseudo Pd@Pt bimetallic particles with controlled electrocatalytic activity. Journal of Materials Chemistry A, 2016, 4, 6465-6471.	5.2	33
41	Displacement Plating of a Mesoporous Pt Skin onto Co Nanochains in a Lowâ€Concentration Surfactant Solution. Chemistry - A European Journal, 2014, 20, 3277-3282.	1.7	32
42	Strategic synthesis of mesoporous Pt-on-Pd bimetallic spheres templated from a polymeric micelle assembly. Journal of Materials Chemistry A, 2016, 4, 9169-9176.	5.2	32
43	Tethering mesoporous Pd nanoparticles to reduced graphene oxide sheets forms highly efficient electrooxidation catalysts. Journal of Materials Chemistry A, 2017, 5, 21249-21256.	5.2	32
44	Synthesis of Nanoporous Niâ€Co Mixed Oxides by Thermal Decomposition of Metalâ€Cyanide Coordination Polymers. Chemistry - an Asian Journal, 2015, 10, 1541-1545.	1.7	29
45	A universal approach to the preparation of colloidal mesoporous platinum nanoparticles with controlled particle sizes in a wide range from 20 nm to 200 nm. Physical Chemistry Chemical Physics, 2014, 16, 8787-8790.	1.3	28
46	Electrochemical Synthesis of Mesoporous Auâ€“Cu Alloy Films with Vertically Oriented Mesochannels Using Block Copolymer Micelles. ACS Applied Materials & Interfaces, 2018, 10, 23783-23791.	4.0	27
47	Blockâ€Copolymerâ€Assisted Electrochemical Synthesis of Mesoporous Gold Electrodes: Towards a Nonâ€Enzymatic Glucose Sensor. ChemElectroChem, 2017, 4, 2571-2576.	1.7	26
48	Tailored Design of Mesoporous PdCu Nanospheres with Different Compositions Using Polymeric Micelles. ACS Applied Materials & Interfaces, 2019, 11, 36544-36552.	4.0	26
49	Continuous mesoporous Pd films with tunable pore sizes through polymeric micelle-assisted assembly. Nanoscale Horizons, 2019, 4, 960-968.	4.1	26
50	Mesoporous PdBi nanocages for enhanced electrocatalytic performances by all-direction accessibility and steric site activation. Chemical Science, 2022, 13, 3819-3825.	3.7	26
51	Au@Pd coreâ€“shell nanoparticles: A highly active electrocatalyst for amperometric gaseous ethanol sensors. Sensors and Actuators B: Chemical, 2012, 171-172, 1192-1198.	4.0	25
52	Synthesis and Cytotoxicity of Dendritic Platinum Nanoparticles with HEKâ€293 Cells. Chemistry - an Asian Journal, 2017, 12, 21-26.	1.7	25
53	Standing Mesochannels: Mesoporous PdCu Films with Vertically Aligned Mesochannels from Nonionic Micellar Solutions. ACS Applied Materials & Interfaces, 2018, 10, 40623-40630.	4.0	25
54	Unusual 4H-phase twinned noble metal nanokites. Nature Communications, 2019, 10, 2881.	5.8	25

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55	Dealloying of Mesoporous PtCu Alloy Film for the Synthesis of Mesoporous Pt Films with High Electrocatalytic Activity. Chemistry - an Asian Journal, 2015, 10, 316-320.	1.7	24
56	Mesoporous Trimetallic PtPdRu Spheres as Superior Electrocatalysts. Chemistry - A European Journal, 2016, 22, 7174-7178.	1.7	24
57	Simple Fabrication of Titanium Dioxide/N-Doped Carbon Hybrid Material as Non-Precious Metal Electrocatalyst for the Oxygen Reduction Reaction. ACS Applied Materials & Interfaces, 2017, 9, 18782-18789.	4.0	24
58	Threeâ€Dimensional Superâ€Branched PdCu Nanoarchitectures Exposed on Controlled Crystal Facets. Chemistry - A European Journal, 2017, 23, 51-56.	1.7	24
59	Synthesis of Mesoporous Platinumâ€“Copper Films by Electrochemical Micelle Assembly and Their Electrochemical Applications. Chemistry - A European Journal, 2014, 20, 729-733.	1.7	23
60	Electrochemical Synthesis of Mesoporous Pt Nanowires with Highly Electrocatalytic Activity toward Methanol Oxidation Reaction. Electrochimica Acta, 2015, 183, 107-111.	2.6	22
61	In-Situ Probing of Crystal-Phase-Dependent Photocatalytic Activities of Au Nanostructures by Surface-Enhanced Raman Spectroscopy. , 2020, 2, 409-414.		22
62	Enhanced ethanol electrooxidation of hollow Pd nanospheres prepared by galvanic exchange reactions. Materials Letters, 2012, 69, 92-95.	1.3	20
63	Preparation of a platinum electrocatalyst by coaxial pulse arc plasma deposition. Science and Technology of Advanced Materials, 2015, 16, 024804.	2.8	20
64	A mesoporous tin phosphateâ€“graphene oxide hybrid toward the oxygen reduction reaction. Chemical Communications, 2017, 53, 5721-5724.	2.2	20
65	Electrochemical deposition of large-sized mesoporous nickel films using polymeric micelles. Chemical Communications, 2018, 54, 10347-10350.	2.2	20
66	A facile surfactant-assisted synthesis of carbon-supported dendritic Pt nanoparticles with high electrocatalytic performance for the oxygen reduction reaction. Microporous and Mesoporous Materials, 2019, 280, 1-6.	2.2	20
67	Trimetallic Mesoporous AuCuNi Electrocatalysts with Controlled Compositions Using Block Copolymer Micelles as Templates. Small Methods, 2018, 2, 1800283.	4.6	18
68	Chiral Sensing with Mesoporous Pd@Pt Nanoparticles. ChemElectroChem, 2017, 4, 1832-1835.	1.7	17
69	First Synthesis of Continuous Mesoporous Copper Films with Uniformly Sized Pores by Electrochemical Soft Templating. Angewandte Chemie, 2016, 128, 12938-12942.	1.6	15
70	Tunableâ€Sized Polymeric Micelles and Their Assembly for the Preparation of Large Mesoporous Platinum Nanoparticles. Angewandte Chemie, 2016, 128, 10191-10195.	1.6	14
71	Selfâ€Construction from 2D to 3D: Oneâ€Pot Layerâ€byâ€Layer Assembly of Graphene Oxide Sheets Held Together by Coordination Polymers. Angewandte Chemie, 2016, 128, 8566-8570.	1.6	13
72	Spatially Confined Assembly of Monodisperse Ruthenium Nanoclusters in a Hierarchically Ordered Carbon Electrode for Efficient Hydrogen Evolution. Angewandte Chemie, 2018, 130, 5950-5954.	1.6	12

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73	Controlled Synthesis of Highly Crystallized Mesoporous Mn₂O₃ and Mn₃O₄ by Using Anionic Surfactants. Chemistry - an Asian Journal, 2016, 11, 667-673.	1.7	11
74	Layerâ€byâ€Layer Motif Architectures: Programmed Electrochemical Syntheses of Multilayer Mesoporous Metallic Films with Uniformly Sized Pores. Angewandte Chemie, 2017, 129, 7944-7949.	1.6	8
75	Nanoporous trimetallic PdCuAg alloys as efficient electrocatalysts by all-direction accessibility and synergetic effects. Journal of Materials Chemistry A, 2022, 10, 6569-6575.	5.2	7
76	Oxygenâ€Assisted Synthesis of Mesoporous Palladium Nanoparticles as Highly Active Electrocatalysts. Chemistry - A European Journal, 2015, 21, 18671-18676.	1.7	6
77	A Solution Phase Synthesis of Dendritic Platinum Nanoelectrocatalysts with the Assistance of Polyoxyethylene Nonylphenyl Ether. Journal of Inorganic and Organometallic Polymers and Materials, 2015, 25, 245-250.	1.9	6
78	NafionÂ®-coated mesoporous Pd film toward remarkably enhanced detection of lactic acid. RSC Advances, 2018, 8, 10446-10449.	1.7	6
79	Fabrication of Mesoporous Cu Films on Cu Foils and Their Applications to Dopamine Sensing. Chemistry - an Asian Journal, 2017, 12, 2467-2470.	1.7	5
80	Block Copolymer-Assisted Solvothermal Synthesis of Bimetallic Pt-Pd Nanoparticles. Electrochimica Acta, 2015, 183, 119-124.	2.6	3
81	Mesoporous Spheres: Multimetallic Mesoporous Spheres Through Surfactant-Directed Synthesis (Adv.) Tj ETQq1 1 0.784314 rgBT /Ov	5.6	1
82	RÃ¼cktitelbild: Electrochemical Synthesis of One-Dimensional Mesoporous Pt Nanorods Using the Assembly of Surfactant Micelles in Confined Space (Angew. Chem. 31/2013). Angewandte Chemie, 2013, 125, 8328-8328.	1.6	0
83	Mesoporous PdBi film as efficient electrocatalyst for ethanol oxidation reaction. JPhys Materials, 2021, 4, 034001.	1.8	0