Zheng Hu

List of Publications by Year in Descending Order

135 papers	10,456 citations	46 h-index	101 g-index
142 ext. papers	11,712 ext. citations	10.9 avg, IF	6.21 L-index

#	Paper	IF	Citations
135	The Composite-Template Method to Construct Hierarchical Carbon Nanocages for Supercapacitors with Ultrahigh Energy and Power Densities.. *Small*, **2022**, e2107082	11	1
134	Thermally Conductive AlN-Network Shield for Separators to Achieve Dendrite-Free Plating and Fast Li-Ion Transport toward Durable and High-Rate Lithium-Metal Anodes.. *Advanced Science*, **2022**, e2200411	13.6	2
133	Enhancing the Reduction Kinetics of Li?SF Batteries by Dispersed Cobalt Phthalocyanines on Porous Carbon. *Small*, **2021**, 17, e2103778	11	0
132	Tuning metal catalysts via nitrogen-doped nanocarbons for energy chemistry: From metal nanoparticles to single metal sites. *EnergyChem*, **2021**, 3, 100066	36.9	3
131	Encapsulation of Red Phosphorus in Carbon Nanocages with Ultrahigh Content for High-Capacity and Long Cycle Life Sodium-Ion Batteries. *ACS Nano*, **2021**, 15, 5679-5688	16.7	18
130	Enlarging ion-transfer micropore channels of hierarchical carbon nanocages for ultrahigh energy and power densities. *Science China Materials*, **2021**, 64, 2173-2181	7.1	4
129	Construction of hierarchical FeNi3@(Fe,Ni)S2 core-shell heterojunctions for advanced oxygen evolution. *Nano Research*, **2021**, 14, 4220	10	9
128	Nonmacrocyclic Iron(II) Soluble Redox Mediators Leading to High-Rate Li□O 2 Battery. *CCS Chemistry*, **2021**, 3, 1350-1358	7.2	2
127	Chloride Ion as Redox Mediator in Reducing Charge Overpotential of Aprotic Lithium-Oxygen Batteries. *Batteries and Supercaps*, **2021**, 4, 232-239	5.6	5
126	Hierarchical Carbon Nanocages as Efficient Catalysts for Oxidative Coupling of Benzylamine to N-Benzylidene Benzylamine. *Acta Chimica Sinica*, **2021**, 79, 539	3.3	1
125	Constructing monolithic sulfur cathodes with multifunctional N,P dual-doped carbon nanocages to achieve high-areal-capacity lithium-sulfur batteries. *FlatChem*, **2021**, 28, 100253	5.1	1
124	Carbon Nanocages//Tungsten Trioxide Nanorods Supercapacitors with in situ Polymerized Gel Electrolytes. *Acta Chimica Sinica*, **2021**, 79, 755	3.3	0
123	Sub-nanometer-scale fine regulation of interlayer distance in Ni□Co layered double hydroxides leading to high-rate supercapacitors. *Nano Energy*, **2020**, 76, 105026	17.1	38
122	Identifying Iron-Nitrogen/Carbon Active Structures for Oxygen Reduction Reaction under the Effect of Electrode Potential. *Journal of Physical Chemistry Letters*, **2020**, 11, 2896-2901	6.4	16
121	Advanced Ni-Nx-C single-site catalysts for CO2 electroreduction to CO based on hierarchical carbon nanocages and S-doping. *Nano Research*, **2020**, 13, 2777-2783	10	25
120	Carbon-Based Nanocages: Carbon-Based Nanocages: A New Platform for Advanced Energy Storage and Conversion (Adv. Mater. 27/2020). *Advanced Materials*, **2020**, 32, 2070206	24	23
119	In situ construction of porous hierarchical (Ni3-xFex)FeN/Ni heterojunctions toward efficient electrocatalytic oxygen evolution. *Nano Research*, **2020**, 13, 328-334	10	31

118	Mesostructured carbon-based nanocages: an advanced platform for energy chemistry. *Science China Chemistry*, **2020**, 63, 665-681	7.9	22
117	Carbon-Based Nanocages: A New Platform for Advanced Energy Storage and Conversion. *Advanced Materials*, **2020**, 32, e1904177	24	45
116	A general strategy to construct yolk-shelled metal oxides inside carbon nanocages for high-stable lithium-ion battery anodes. *Nano Energy*, **2020**, 68, 104368	17.1	17
115	Achieving Ultrahigh Volumetric Energy Storage by Compressing Nitrogen and Sulfur Dual-Doped Carbon Nanocages via Capillarity. *Advanced Materials*, **2020**, 32, e2004632	24	21
114	Axial ligand effect on the stability of Fe□□ electrocatalysts for acidic oxygen reduction reaction. *Nano Energy*, **2020**, 78, 105128	17.1	25
113	Design of Thiazolo[5,4-d]thiazole-Bridged Ionic Covalent Organic Polymer for Highly Selective Oxygen Reduction to H2O2. *Chemistry of Materials*, **2020**, 32, 8553-8560	9.6	9
112	Effective enhancement of electrochemical energy storage of cobalt-based nanocrystals by hybridization with nitrogen-doped carbon nanocages. *Science China Materials*, **2019**, 62, 1393-1402	7.1	7
111	Stabilizing the active phase of iron-based Fischer-Tropsch catalysts for lower olefins: mechanism and strategy. *Chemical Science*, **2019**, 10, 6083-6090	9.4	30
110	Zinc-Tiered Synthesis of 3D Graphene for Monolithic Electrodes. *Advanced Materials*, **2019**, 31, e1901186	24	42
109	Electrocatalysis of S-doped carbon with weak polysulfide adsorption enhances lithium-sulfur battery performance. *Chemical Communications*, **2019**, 55, 6365-6368	5.8	31
108	The simplest construction of single-site catalysts by the synergism of micropore trapping and nitrogen anchoring. *Nature Communications*, **2019**, 10, 1657	17.4	144
107	Vertically Grown Few-Layer MoS Nanosheets on Hierarchical Carbon Nanocages for Pseudocapacitive Lithium Storage with Ultrahigh-Rate Capability and Long-Term Recyclability. *Chemistry - A European Journal*, **2019**, 25, 3843-3848	4.8	8
106	Carbon-Based Metal-Free ORR Electrocatalysts for Fuel Cells: Past, Present, and Future. *Advanced Materials*, **2019**, 31, e1804799	24	412
105	Efficient synergism of electrocatalysis and physical confinement leading to durable high-power lithium-sulfur batteries. *Nano Energy*, **2019**, 57, 34-40	17.1	73
104	Hierarchical sulfur and nitrogen co-doped carbon nanocages as efficient bifunctional oxygen electrocatalysts for rechargeable Zn-air battery. *Journal of Energy Chemistry*, **2019**, 34, 64-71	12	50
103	Spinel Nickel Cobaltite Mesostructures Assembled from Ultrathin Nanosheets for High-Performance Electrochemical Energy Storage. *ACS Applied Energy Materials*, **2018**, 1, 684-691	6.1	11
102	Synthesis of alloyed Zn1−xMnxS nanowires with completely controlled compositions and tunable bandgaps. *RSC Advances*, **2018**, 8, 374-379	3.7	11
101	Encapsulation of Iron Nitride by Fe□□ Shell Enabling Highly Efficient Electroreduction of CO2 to CO. *ACS Energy Letters*, **2018**, 3, 1205-1211	20.1	60

100	Efficient Ternary Synergism of Platinum/Tin Oxide/Nitrogen-Doped Carbon Leading to High-Performance Ethanol Oxidation. *ACS Catalysis*, **2018**, 8, 8477-8483	13.1	32
99	Tailoring the nano heterointerface of hematite/magnetite on hierarchical nitrogen-doped carbon nanocages for superb oxygen reduction. *Journal of Materials Chemistry A*, **2018**, 6, 21313-21319	13	19
98	Co nanoparticle embedded in atomically-dispersed Co-N-C nanofibers for oxygen reduction with high activity and remarkable durability. *Nano Energy*, **2018**, 52, 485-493	17.1	131
97	Free-Standing Monolithic Sulfur Cathode of Reduced Graphene Oxide Wrapped Sulfur-Filled Carbon Nanocages with High Areal Capacity. *Acta Chimica Sinica*, **2018**, 76, 627	3.3	8
96	CoO-modified Co4N as a heterostructured electrocatalyst for highly efficient overall water splitting in neutral media. *Journal of Materials Chemistry A*, **2018**, 6, 24767-24772	13	69
95	Carbon-Based, Metal-Free Catalysts for Electrocatalysis of ORR **2018**, 335-368		2
94	From Carbon-Based Nanotubes to Nanocages for Advanced Energy Conversion and Storage. *Accounts of Chemical Research*, **2017**, 50, 435-444	24.3	162
93	Ruthenium-Functionalized Hierarchical Carbon Nanocages as Efficient Catalysts for Li-O2 Batteries. *ChemNanoMat*, **2017**, 3, 415-419	3.5	12
92	Compressing Carbon Nanocages by Capillarity for Optimizing Porous Structures toward Ultrahigh-Volumetric-Performance Supercapacitors. *Advanced Materials*, **2017**, 29, 1700470	24	178
91	Effect of oxygen adsorbability on the control of Li2O2 growth in Li-O2 batteries: Implications for cathode catalyst design. *Nano Energy*, **2017**, 36, 68-75	17.1	69
90	Is iron nitride or carbide highly active for oxygen reduction reaction in acidic medium?. *Catalysis Science and Technology*, **2017**, 7, 51-55	5.5	42
89	Porous 3D Few-Layer Graphene-like Carbon for Ultrahigh-Power Supercapacitors with Well-Defined Structure-Performance Relationship. *Advanced Materials*, **2017**, 29, 1604569	24	310
88	Single Cobalt Atom and N Codoped Carbon Nanofibers as Highly Durable Electrocatalyst for Oxygen Reduction Reaction. *ACS Catalysis*, **2017**, 7, 6864-6871	13.1	189
87	Promoting the Electrochemical Performances by Chemical Depositing of Gold Nanoparticles Inside Pores of 3D Nitrogen-Doped Carbon Nanocages. *ACS Applied Materials & Interfaces*, **2017**, 9, 31968-31976	9.5	15
86	Recent advances in understanding of the mechanism and control of LiO formation in aprotic Li-O batteries. *Chemical Society Reviews*, **2017**, 46, 6046-6072	58.5	235
85	Porous-Shell Vanadium Nitride Nanobubbles with Ultrahigh Areal Sulfur Loading for High-Capacity and Long-Life Lithium-Sulfur Batteries. *Nano Letters*, **2017**, 17, 7839-7846	11.5	172
84	Boosting oxygen reduction activity of spinel CoFe2O4 by strong interaction with hierarchical nitrogen-doped carbon nanocages. *Science Bulletin*, **2017**, 62, 1365-1372	10.6	13
83	Solution□solid□solid growth of metastable wurtzite □MnS nanowires with controlled length. *Journal of Materials Chemistry C*, **2017**, 5, 6493-6496	7.1	9

82	Alcohol-Tolerant Platinum Electrocatalyst for Oxygen Reduction by Encapsulating Platinum Nanoparticles inside Nitrogen-Doped Carbon Nanocages. *ACS Applied Materials & Interfaces*, **2016**, 8, 16664-9	9.5	22
81	Phase-equilibrium-dominated vapor-liquid-solid mechanism: further evidence. *Science China Materials*, **2016**, 59, 20-27	7.1	2
80	Multiple-Step Humidity-Induced Single-Crystal to Single-Crystal Transformations of a Cobalt Phosphonate: Structural and Proton Conductivity Studies. *Inorganic Chemistry*, **2016**, 55, 3706-12	5.1	45
79	Manganese oxide-induced strategy to high-performance iron/nitrogen/carbon electrocatalysts with highly exposed active sites. *Nanoscale*, **2016**, 8, 8480-5	7.7	28
78	Comprehensive electronic structure characterization of pristine and nitrogen/phosphorus doped carbon nanocages. *Carbon*, **2016**, 103, 480-487	10.4	19
77	Mesostructured NiO/Ni composites for high-performance electrochemical energy storage. *Energy and Environmental Science*, **2016**, 9, 2053-2060	35.4	180
76	Morphology and composition evolution of one-dimensional InxAl1⊠N nanostructures induced by the vapour pressure ratio. *CrystEngComm*, **2016**, 18, 213-217	3.3	3
75	Sulfur and Nitrogen Codoped Carbon Tubes as Bifunctional Metal-Free Electrocatalysts for Oxygen Reduction and Hydrogen Evolution in Acidic Media. *Chemistry - A European Journal*, **2016**, 22, 10261-10261	4.8	
74	High-performance Pt catalysts supported on hierarchical nitrogen-doped carbon nanocages for methanol electrooxidation. *Chinese Journal of Catalysis*, **2016**, 37, 1149-1155	11.3	16
73	Sulfur and Nitrogen Codoped Carbon Tubes as Bifunctional Metal-Free Electrocatalysts for Oxygen Reduction and Hydrogen Evolution in Acidic Media. *Chemistry - A European Journal*, **2016**, 22, 10326-9	4.8	49
72	2D Single-Crystalline Molecular Semiconductors with Precise Layer Definition Achieved by Floating-Coffee-Ring-Driven Assembly. *Advanced Functional Materials*, **2016**, 26, 3191-3198	15.6	113
71	Doping sp2 carbon to boost the activity for oxygen reduction in an acidic medium: a theoretical exploration. *RSC Advances*, **2016**, 6, 48498-48503	3.7	11
70	Advanced non-precious electrocatalyst of the mixed valence CoO x nanocrystals supported on N-doped carbon nanocages for oxygen reduction. *Science China Chemistry*, **2015**, 58, 180-186	7.9	17
69	Superionic conductor-mediated growth of ternary ZnCdS nanorods over a wide composition range. *Nano Research*, **2015**, 8, 584-591	10	24
68	Hydrophilic Hierarchical Nitrogen-Doped Carbon Nanocages for Ultrahigh Supercapacitive Performance. *Advanced Materials*, **2015**, 27, 3541-5	24	573
67	Significant Contribution of Intrinsic Carbon Defects to Oxygen Reduction Activity. *ACS Catalysis*, **2015**, 5, 6707-6712	13.1	400
66	Hierarchical carbon nanocages as high-rate anodes for Li- and Na-ion batteries. *Nano Research*, **2015** , 8, 3535-3543	10	64
65	Catalytic Activity and Impedance Behavior of Screen-Printed Nickel Oxide as Efficient Water Oxidation Catalysts. *ChemSusChem*, **2015**, 8, 4266-74	8.3	18

64	Alloyed CoMo Nitride as High-Performance Electrocatalyst for Oxygen Reduction in Acidic Medium. *ACS Catalysis*, **2015**, 5, 1857-1862	13.1	149
63	Hierarchical carbon nanocages confining high-loading sulfur for high-rate lithium–sulfur batteries. *Nano Energy*, **2015**, 12, 657-665	17.1	196
62	Tuning the field emission properties of AlN nanocones by doping. *Journal of Materials Chemistry C*, **2015**, 3, 1113-1117	7.1	21
61	Boost up carrier mobility for ferroelectric organic transistor memory via buffering interfacial polarization fluctuation. *Scientific Reports*, **2014**, 4, 7227	4.9	57
60	Enhanced cold field emission of large-area arrays of vertically aligned ZnO-nanotapers via sharpening: experiment and theory. *Scientific Reports*, **2014**, 4, 4676	4.9	35
59	Promotion Effects of Nitrogen Doping into Carbon Nanotubes on Supported Iron–Fischer–Tropsch Catalysts for Lower Olefins. *ACS Catalysis*, **2014**, 4, 613-621	13.1	178
58	Low-voltage organic field-effect transistors based on novel high-κ organometallic lanthanide complex for gate insulating materials. *AIP Advances*, **2014**, 4, 087140	1.5	5
57	Remarkable reduction in the threshold voltage of pentacene-based thin film transistors with pentacene/CuPc sandwich configuration. *AIP Advances*, **2014**, 4, 067126	1.5	2
56	The Influence of Pd Particles Distribution Position on Pd/CNTs Catalyst for Acetylene Selective Hydrogenation. *Catalysis Letters*, **2014**, 144, 2198-2203	2.8	7
55	Carbon Nanocages Supported LiFePO4Nanoparticles as High-Performance Cathode for Lithium Ion Batteries. *Acta Chimica Sinica*, **2014**, 72, 653	3.3	6
54	Synthesis and Electrocatalytic Oxygen Reduction Performance of the Sulfur-Doped Carbon Nanocages. *Acta Chimica Sinica*, **2014**, 72, 1070	3.3	4
53	Can boron and nitrogen co-doping improve oxygen reduction reaction activity of carbon nanotubes?. *Journal of the American Chemical Society*, **2013**, 135, 1201-4	16.4	737
52	A mini review on carbon-based metal-free electrocatalysts for oxygen reduction reaction. *Chinese Journal of Catalysis*, **2013**, 34, 1986-1991	11.3	39
51	Structural and Compositional Regulation of Nitrogen-Doped Carbon Nanotubes with Nitrogen-Containing Aromatic Precursors. *Journal of Physical Chemistry C*, **2013**, 117, 7811-7817	3.8	18
50	Carbon nanocages as supercapacitor electrode materials. *Advanced Materials*, **2012**, 24, 347-52	24	441
49	Supercapacitor Nanostructures: Carbon Nanocages as Supercapacitor Electrode Materials (Adv. Mater. 3/2012). *Advanced Materials*, **2012**, 24, 346-346	24	6
48	Pentacene thin film transistor with low threshold voltage and high mobility by inserting a thin metal phthalocyanines interlayer. *Science China Technological Sciences*, **2012**, 55, 417-420	3.5	4
47	Anion-induced morphological regulation of In(OH)3 nanostructures and their conversion into porous In2O3 derivatives. *CrystEngComm*, **2012**, 14, 3397	3.3	8

46	Improving field emission by constructing CsI/AlN hybrid nanostructures. *Journal of Materials Chemistry*, **2012**, 22, 18578		11
45	Deposition-Pressure-Induced Optimization of Molecular Packing for High-Performance Organic Thin-Film Transistors Based on Copper Phthalocyanine. *Journal of Physical Chemistry C*, **2012**, 116, 4287-4292	3.8	16
44	Nitrogen-doped carbon nanocages as efficient metal-free electrocatalysts for oxygen reduction reaction. *Advanced Materials*, **2012**, 24, 5593-7, 5646	24	629
43	Synthesis of large-scale undoped and nitrogen-doped amorphous graphene on MgO substrate by chemical vapor deposition. *Journal of Materials Chemistry*, **2012**, 22, 19679		35
42	Improved photocurrents for p-type dye-sensitized solar cells using nano-structured nickel(II) oxide microballs. *Energy and Environmental Science*, **2012**, 5, 8896	35.4	94
41	Morphology-controlled growth of chromium silicide nanostructures and their field emission properties. *CrystEngComm*, **2012**, 14, 1659-1664	3.3	8
40	Porous hierarchical nickel nanostructures and their application as a magnetically separable catalyst. *Journal of Materials Chemistry*, **2012**, 22, 11927		35
39	Fullerene-Related Nanocarbons and Their Applications. *Journal of Nanotechnology*, **2012**, 2012, 1-2	3.5	1
38	Preparation of graphene supported nickel nanoparticles and their application to methanol electrooxidation in alkaline medium. *New Journal of Chemistry*, **2012**, 36, 1108	3.6	48
37	Scanning transmission X-ray microscopy and X-ray absorption near-edge structure studies of N-doped carbon nanotubes sealed with N2 gas. *Journal of Applied Physics*, **2012**, 111, 124318	2.5	4
36	Carbon Nanocages: Nitrogen-Doped Carbon Nanocages as Efficient Metal-Free Electrocatalysts for Oxygen Reduction Reaction (Adv. Mater. 41/2012). *Advanced Materials*, **2012**, 24, 5646-5646	24	7
35	Field emission of comb-like chromium disilicide nanowires prepared by an in situ chloride-generated route. *Applied Physics A: Materials Science and Processing*, **2011**, 103, 67-72	2.6	5
34	Carbon-nitrogen/graphene composite as metal-free electrocatalyst for the oxygen reduction reaction. *Science Bulletin*, **2011**, 56, 3583-3589		31
33	Boron-Doped Carbon Nanotubes as Metal-Free Electrocatalysts for the Oxygen Reduction Reaction. *Angewandte Chemie*, **2011**, 123, 7270-7273	3.6	314
32	Boron-doped carbon nanotubes as metal-free electrocatalysts for the oxygen reduction reaction. *Angewandte Chemie - International Edition*, **2011**, 50, 7132-5	16.4	983
31	Modified redox synthesis and electrochemical properties of potassium manganese oxide nanowires. *Journal of Materials Chemistry*, **2011**, 21, 17904		8
30	Convenient immobilization of Pt-Sn bimetallic catalysts on nitrogen-doped carbon nanotubes for direct alcohol electrocatalytic oxidation. *Nanotechnology*, **2011**, 22, 395401	3.4	23
29	Aligned ZnO Nanorods with Tunable Size and Field Emission on Native Si Substrate Achieved via Simple Electrodeposition. *Journal of Physical Chemistry C*, **2010**, 114, 189-193	3.8	47

28	Field-emission of TiSi2 thin film deposited by an in situ chloride-generated route. *Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics*, **2010**, 28, 1093-1096	1.3	2
27	Synthesis of Nanostructured Tungsten Oxide Thin Films: A Simple, Controllable, Inexpensive, Aqueous Sol□el Method. *Crystal Growth and Design*, **2010**, 10, 430-439	3.5	141
26	Nitrogen-doped carbon nanotubes functionalized by transition metal atoms: a density functional study. *Journal of Materials Chemistry*, **2010**, 20, 1702		70
25	Growth mechanism, structural regulation and functionalization of carbon-based nanotubes **2010**,		1
24	Direct immobilization of Pt□u alloy nanoparticles on nitrogen-doped carbon nanotubes with superior electrocatalytic performance. *Journal of Power Sources*, **2010**, 195, 7578-7582	8.9	51
23	Facile Construction of Pt-Co/CNx Nanotube Electrocatalysts and Their Application to the Oxygen Reduction Reaction. *Advanced Materials*, **2009**, 21, 4953-4956	24	185
22	6-Fold-Symmetrical AlN Hierarchical Nanostructures: Synthesis and Field-Emission Properties. *Journal of Physical Chemistry C*, **2009**, 113, 4053-4058	3.8	58
21	Six-Membered-Ring-Based Radical Mechanism for Catalytic Growth of Carbon Nanotubes with Benzene Precursor. *Journal of Physical Chemistry C*, **2009**, 113, 16495-16502	3.8	15
20	CNx nanofibers converted from polypyrrole nanowires as platinum support for methanol oxidation. *Energy and Environmental Science*, **2009**, 2, 224-229	35.4	196
19	CNx nanotubes as catalyst support to immobilize platinum nanoparticles for methanol oxidation. *Journal of Materials Chemistry*, **2008**, 18, 1747		146
18	Artificial Construction of the Magnetically Separable Nanocatalyst by Anchoring Pt Nanoparticles on Functionalized Carbon-Encapsulated Nickel Nanoparticles. *Journal of Physical Chemistry C*, **2008**, 112, 472-475	3.8	30
17	Synergism of C5N six-membered ring and vapor-liquid-solid growth of CN(x) nanotubes with pyridine precursor. *Journal of Physical Chemistry B*, **2006**, 110, 16422-7	3.4	96
16	Self-templated synthesis of polycrystalline hollow aluminium nitride nanospheres. *Journal of Materials Chemistry*, **2006**, 16, 2834		47
15	A practical route to the production of carbon nanocages. *Carbon*, **2005**, 43, 1667-1672	10.4	59
14	Synthesis of carbon nanowires using dc pulsed corona discharge plasma reaction. *Journal of Materials Science*, **2004**, 39, 283-284	4.3	2
13	In situ TA-MS study of the six-membered-ring-based growth of carbon nanotubes with benzene precursor. *Journal of the American Chemical Society*, **2004**, 126, 1180-3	16.4	100
12	An Amperometric Biosensor Based on the Coimmobilization of Horseradish Peroxidase and Methylene Blue on a Carbon Nanotubes Modified Electrode. *Electroanalysis*, **2003**, 15, 219-224	3	188
11	Extended vapor□quid□olid growth and field emission properties of aluminium nitride nanowires. *Journal of Materials Chemistry*, **2003**, 13, 2024-2027		111

10	Synthesis and Optical Characterization of Aluminum Nitride Nanobelts. *Journal of Physical Chemistry B*, **2003**, 107, 9726-9729	3.4	150
9	A Facile Method of Synthesis of a Calix[4]arene Amide and the Crystal Structure of a Self-assembled Calix[4]arene Amide via van Der Waals Interaction. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **2000**, 36, 473-478		6
8	Chemical preparation and investigation of Fe-P-B ultrafine amorphous alloy particles. *Science in China Series B: Chemistry*, **1997**, 40, 261-269		1
7	Carbon monoxide hydrogenation on Fe2O3/ZrO2 catalysts. *Catalysis Letters*, **1996**, 36, 139-144	2.8	32
6	Formation of ultrafine amorphous alloy particles with uniform size by autocatalytic method. *Journal of Materials Science Letters*, **1993**, 12, 1020-1021		13
5	Surface state and catalytic activity of ultrafine amorphous NiB alloy particles prepared by chemical reduction. *Journal of Materials Science Letters*, **1993**, 12, 596-597		1
4	Investigation of NiPB ultrafine amorphous alloy particles produced by chemical reduction. *Journal of Applied Physics*, **1992**, 71, 5217-5221	2.5	35
3	The preparation of Ni-P ultrafine amorphous alloy particles by chemical reduction. *Applied Physics Letters*, **1991**, 59, 3545-3546	3.4	24
2	A study of Fe-Ni-B ultrafine alloy particles produced by reduction with borohydride. *Journal of Applied Physics*, **1991**, 70, 436-438	2.5	31
1	Defect-induced deposition of manganese oxides on hierarchical carbon nanocages for high-performance lithium-oxygen batteries. *Nano Research*,1	10	0