

# Hui Zhang

## 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.

233  
papers

14,446  
citations

64  
h-index

112  
g-index

242  
ext. papers

15,547  
ext. citations

6.9  
avg, IF

6.55  
L-index

#	Paper	IF	Citations
233	Low temperature synthesis of SnSr(OH) <sub>6</sub> nanoflowers and photocatalytic performance for organic pollutants. <i>International Journal of Materials Research</i> , <b>2022</b> , 113, 80-90	0.5	
232	Surface Reconstruction on Uniform Cu Nanodisks Boosted Electrochemical Nitrate Reduction to Ammonia <b>2022</b> , 4, 650-656		2
231	Sn-Doped BiO nanosheets for highly efficient electrochemical CO reduction toward formate production. <i>Nanoscale</i> , <b>2021</b> , 13, 19610-19616	7.7	1
230	Garnet Electrolytes with Ultralow Interfacial Resistance by SnS <sub>2</sub> Coating for Dendrite-Free all-Solid-State Batteries. <i>ACS Applied Energy Materials</i> , <b>2021</b> , 4, 2873-2880	6.1	3
229	Ga-Doped Intermetallic Pd <sub>3</sub> Pb Nanocubes as a Highly Efficient and Durable Oxygen Reduction Reaction Electrocatalyst. <i>ChemistrySelect</i> , <b>2021</b> , 6, 3891-3896	1.8	2
228	Facile Synthesis of Pd@PtM (= Rh, Ni, Pd, Cu) Multimetallic Nanorings as Efficient Catalysts for Ethanol Oxidation Reaction. <i>Frontiers in Chemistry</i> , <b>2021</b> , 9, 683450	5	0
227	Design of Highly Durable Core-Shell Catalysts by Controlling Shell Distribution Guided by In-Situ Corrosion Study. <i>Advanced Materials</i> , <b>2021</b> , 33, e2101511	24	3
226	Facile Synthesis of PdCuRu Porous Nanoplates as Highly Efficient Electrocatalysts for Hydrogen Evolution Reaction in Alkaline Medium. <i>Metals</i> , <b>2021</b> , 11, 1451	2.3	2
225	Controlled oxidative etching of gold nanorods revealed through in-situ liquid cell electron microscopy. <i>Science China Materials</i> , <b>2020</b> , 63, 2599-2605	7.1	2
224	Strain-Induced Corrosion Kinetics at Nanoscale Are Revealed in Liquid: Enabling Control of Corrosion Dynamics of Electrocatalysis. <i>CheM</i> , <b>2020</b> , 6, 2257-2271	16.2	24
223	Facile synthesis of ternary PtPdCu alloy hexapods as highly efficient electrocatalysts for methanol oxidation.. <i>RSC Advances</i> , <b>2020</b> , 10, 12689-12694	3.7	6
222	Local epitaxial growth of Au-Rh core-shell star-shaped decahedra: A case for studying electronic and ensemble effects in hydrogen evolution reaction. <i>Applied Catalysis B: Environmental</i> , <b>2020</b> , 263, 118255	21.8	23
221	Unexpected Kirkendall effect in twinned icosahedral nanocrystals driven by strain gradient. <i>Nano Research</i> , <b>2020</b> , 13, 2641-2649	10	9
220	Au-Doped intermetallic Pd <sub>3</sub> Pb wavy nanowires as highly efficient electrocatalysts toward the oxygen reduction reaction. <i>CrystEngComm</i> , <b>2020</b> , 22, 6478-6484	3.3	1
219	Tuning Surface Structure of PdPb/Pt Pb Nanocrystals for Boosting the Methanol Oxidation Reaction. <i>Advanced Science</i> , <b>2019</b> , 6, 1902249	13.6	26
218	Ultra-small Rh nanoparticles supported on WO <sub>3</sub> nanowires as efficient catalysts for visible-light-enhanced hydrogen evolution from ammonia borane. <i>Nanoscale Advances</i> , <b>2019</b> , 1, 3941-3947	5.1	15
217	Intermetallic Pd <sub>3</sub> Pb square nanoplates as highly efficient electrocatalysts for oxygen reduction reaction. <i>CrystEngComm</i> , <b>2019</b> , 21, 290-296	3.3	17

216	Surface faceting and compositional evolution of Pd@Au core-shell nanocrystals during in situ annealing. <i>Physical Chemistry Chemical Physics</i> , <b>2019</b> , 21, 3134-3139	3.6	5
215	Bimetallic Ni Pd/SBA-15 alloy as an effective catalyst for selective hydrogenation of CO <sub>2</sub> to methane. <i>International Journal of Hydrogen Energy</i> , <b>2019</b> , 44, 13354-13363	6.7	15
214	In Situ Synthesis of Multilayer Carbon Matrix Decorated with Copper Particles: Enhancing the Performance of Si as Anode for Li-Ion Batteries. <i>ACS Nano</i> , <b>2019</b> , 13, 3054-3062	16.7	78
213	Intermetallic PdPb ultrathin nanoplate-constructed flowers with low-coordinated edge sites boost oxygen reduction performance. <i>Nanoscale</i> , <b>2019</b> , 11, 17301-17307	7.7	8
212	Spherical to truncated octahedral shape transformation of palladium nanocrystals driven by e-beam in aqueous solution. <i>Nano Research</i> , <b>2019</b> , 12, 2623-2627	10	1
211	Coupling PtNi Ultrathin Nanowires with MXenes for Boosting Electrocatalytic Hydrogen Evolution in Both Acidic and Alkaline Solutions. <i>Small</i> , <b>2019</b> , 15, e1805474	11	63
210	Ion-templated fabrication of Pt-Cu alloy octahedra with controlled compositions for electrochemical detection of H <sub>2</sub> O <sub>2</sub> . <i>Journal of Alloys and Compounds</i> , <b>2019</b> , 788, 1334-1340	5.7	13
209	Seed-mediated synthesis of Au@PtCu nanostars with rich twin defects as efficient and stable electrocatalysts for methanol oxidation reaction.. <i>RSC Advances</i> , <b>2019</b> , 9, 35887-35894	3.7	7
208	Co/CoO@N-C nanocomposites as high-performance anodes for lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , <b>2019</b> , 771, 290-296	5.7	17
207	Surface reconstruction engineering of twinned Pd <sub>2</sub> CoAg nanocrystals by atomic vacancy inducement for hydrogen evolution and oxygen reduction reactions. <i>Applied Catalysis B: Environmental</i> , <b>2019</b> , 241, 424-429	21.8	23
206	Nanoscale kinetics of asymmetrical corrosion in core-shell nanoparticles. <i>Nature Communications</i> , <b>2018</b> , 9, 1011	17.4	64
205	Performance Improvement of Graphene/Silicon Photodetectors Using High Work Function Metal Nanoparticles with Plasma Effect. <i>Advanced Optical Materials</i> , <b>2018</b> , 6, 1701243	8.1	16
204	Formation of PtCuCo Trimetallic Nanostructures with Enhanced Catalytic and Enzyme-like Activities for Biodetection. <i>ACS Applied Nano Materials</i> , <b>2018</b> , 1, 222-231	5.6	33
203	Multimetallic AuPd@Pd@Pt core-interlayer-shell icosahedral electrocatalysts for highly efficient oxygen reduction reaction. <i>Science Bulletin</i> , <b>2018</b> , 63, 494-501	10.6	26
202	Designed Synthesis of CoO/CuO/rGO Ternary Nanocomposites as High-Performance Anodes for Lithium-Ion Batteries. <i>Jom</i> , <b>2018</b> , 70, 1793-1799	2.1	8
201	Tailoring the Edge Sites of 2D Pd Nanostructures with Different Fractal Dimensions for Enhanced Electrocatalytic Performance. <i>Advanced Science</i> , <b>2018</b> , 5, 1800430	13.6	25
200	Mechanistic insight into the synergetic catalytic effect of Pd and MnO <sub>2</sub> for high-performance LiO <sub>2</sub> cells. <i>Energy Storage Materials</i> , <b>2018</b> , 12, 8-16	19.4	18
199	High and Fast Response of a Graphene/Silicon Photodetector Coupled with 2D Fractal Platinum Nanoparticles. <i>Advanced Optical Materials</i> , <b>2018</b> , 6, 1700793	8.1	22

198	Enhanced oxygen reduction activity of Pt shells on PdCu truncated octahedra with different compositions.. <i>RSC Advances</i> , <b>2018</b> , 8, 34853-34859	3.7	1
197	Facile synthesis of Pd@Ru nanoplates with controlled thickness as efficient catalysts for hydrogen evolution reaction. <i>CrystEngComm</i> , <b>2018</b> , 20, 4230-4236	3.3	15
196	Graphene coupled with Pt cubic nanoparticles for high performance, air-stable graphene-silicon solar cells. <i>Nano Energy</i> , <b>2017</b> , 32, 225-231	17.1	28
195	Intermetallic Nanocrystals: Syntheses and Catalytic Applications. <i>Advanced Materials</i> , <b>2017</b> , 29, 1605997	24	246
194	Probing the oxidative etching induced dissolution of palladium nanocrystals in solution by liquid cell transmission electron microscopy. <i>Micron</i> , <b>2017</b> , 97, 22-28	2.3	25
193	Porous Si@C coaxial nanotubes: layer-by-layer assembly on ZnO nanorod templates and application to lithium-ion batteries. <i>CrystEngComm</i> , <b>2017</b> , 19, 1220-1229	3.3	13
192	PdCu alloy nanodendrites with tunable composition as highly active electrocatalysts for methanol oxidation. <i>RSC Advances</i> , <b>2017</b> , 7, 5800-5806	3.7	16
191	An In situ TEM study of the surface oxidation of palladium nanocrystals assisted by electron irradiation. <i>Nanoscale</i> , <b>2017</b> , 9, 6327-6333	7.7	45
190	A critical SiO layer on Si porous structures to construct highly-reversible anode materials for lithium-ion batteries. <i>Chemical Communications</i> , <b>2017</b> , 53, 6101-6104	5.8	33
189	Embedding Ultrafine and High-Content Pt Nanoparticles at Ceria Surface for Enhanced Thermal Stability. <i>Advanced Science</i> , <b>2017</b> , 4, 1700056	13.6	18
188	Size-controlled synthesis of Au nanorings on Pd ultrathin nanoplates as efficient catalysts for hydrogenation. <i>CrystEngComm</i> , <b>2017</b> , 19, 6588-6593	3.3	3
187	Core-shell and alloy integrating PdAu bimetallic nanoplates on reduced graphene oxide for efficient and stable hydrogen evolution catalysts. <i>RSC Advances</i> , <b>2017</b> , 7, 43373-43379	3.7	7
186	Strain-induced Stranski-Krastanov growth of Pd@Pt core-shell hexapods and octapods as electrocatalysts for methanol oxidation. <i>Nanoscale</i> , <b>2017</b> , 9, 11077-11084	7.7	35
185	Tuning Surface Structure and Strain in Pd-Pt Core-Shell Nanocrystals for Enhanced Electrocatalytic Oxygen Reduction. <i>Small</i> , <b>2017</b> , 13, 1603423	11	76
184	Controlled Growth of LiO by Cocatalysis of Mobile Pd and CoO Nanowire Arrays for High-Performance Li-O Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 31653-31660	9.5	21
183	Single-crystalline Pd square nanoplates enclosed by {100} facets on reduced graphene oxide for formic acid electro-oxidation. <i>Chemical Communications</i> , <b>2016</b> , 52, 14204-14207	5.8	23
182	Facile synthesis of Ru-decorated Pt cubes and icosahedra as highly active electrocatalysts for methanol oxidation. <i>Nanoscale</i> , <b>2016</b> , 8, 12812-8	7.7	32
181	Seed-mediated growth of Au nanorings with size control on Pd ultrathin nanosheets and their tunable surface plasmonic properties. <i>Nanoscale</i> , <b>2016</b> , 8, 3704-10	7.7	34

180	A novel Co-Li <sub>2</sub> O@Si core-shell nanowire array composite as a high-performance lithium-ion battery anode material. <i>Nanoscale</i> , <b>2016</b> , 8, 4511-9	7.7	7
179	Facile synthesis of Au@PNIPAM-b-PPy nanocomposites with thermosensitive and photothermal effects. <i>Journal of Polymer Science Part A</i> , <b>2016</b> , 54, 3079-3085	2.5	5
178	Ultrasmall Palladium Nanoclusters as Effective Catalyst for Oxygen Reduction Reaction. <i>ChemElectroChem</i> , <b>2016</b> , 3, 1225-1229	4.3	19
177	Epitaxial Growth of Multimetallic Pd@PtM (M = Ni, Rh, Ru) Core-Shell Nanoplates Realized by in Situ-Produced CO from Interfacial Catalytic Reactions. <i>Nano Letters</i> , <b>2016</b> , 16, 7999-8004	11.5	80
176	In Situ Observation of Hydrogen-Induced Surface Faceting for Palladium-Copper Nanocrystals at Atmospheric Pressure. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 12427-30	16.4	62
175	Facile synthesis of PtCu <sub>3</sub> alloy hexapods and hollow nanoframes as highly active electrocatalysts for methanol oxidation. <i>CrystEngComm</i> , <b>2016</b> , 18, 7823-7830	3.3	13
174	Size-controlled synthesis of Pd nanosheets for tunable plasmonic properties. <i>CrystEngComm</i> , <b>2015</b> , 17, 1833-1838	3.3	63
173	Lattice-mismatch-induced twinning for seeded growth of anisotropic nanostructures. <i>ACS Nano</i> , <b>2015</b> , 9, 3307-13	16.7	69
172	Silver-nickel oxide core-shell nanoparticle array electrode with enhanced lithium-storage performance. <i>Electrochimica Acta</i> , <b>2015</b> , 174, 893-899	6.7	5
171	Silver-nickel oxide core-shell nanoflower arrays as high-performance anode for lithium-ion batteries. <i>Journal of Power Sources</i> , <b>2015</b> , 285, 131-136	8.9	12
170	Epitaxial Growth of Twinned Au-Pt Core-Shell Star-Shaped Decahedra as Highly Durable Electrocatalysts. <i>Nano Letters</i> , <b>2015</b> , 15, 7808-15	11.5	168
169	Revealing the elemental-specific growth dynamics of PtCu multipods by scanning transmission electron microscopy and chemical mapping. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 21284-21289	13	6
168	Developing an aqueous approach for synthesizing Au and M@Au (M = Pd, CuPt) hybrid nanostars with plasmonic properties. <i>Physical Chemistry Chemical Physics</i> , <b>2015</b> , 17, 1265-72	3.6	5
167	Kinetically-controlled growth of cubic and octahedral Rh-Pd alloy oxygen reduction electrocatalysts with high activity and durability. <i>Nanoscale</i> , <b>2015</b> , 7, 301-7	7.7	27
166	Twinned silicon and germanium nanocrystals: Formation, stability and quantum confinement. <i>AIP Advances</i> , <b>2015</b> , 5, 037140	1.5	5
165	Ultrathin Two-Dimensional Pd-Based Nanorings as Catalysts for Hydrogenation with High Activity and Stability. <i>Small</i> , <b>2015</b> , 11, 4745-52	11	56
164	Firmly bonded graphene-silicon nanocomposites as high-performance anode materials for lithium-ion batteries. <i>RSC Advances</i> , <b>2015</b> , 5, 46173-46180	3.7	17
163	Facile synthesis of uniform MWCNT@Si nanocomposites as high-performance anode materials for lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , <b>2015</b> , 622, 966-972	5.7	51

162	Shape-controlled nanostructured magnetite-type materials as highly efficient Fenton catalysts. <i>Applied Catalysis B: Environmental</i> , <b>2014</b> , 144, 739-749	21.8	75
161	In situ study of the growth of two-dimensional palladium dendritic nanostructures using liquid-cell electron microscopy. <i>Chemical Communications</i> , <b>2014</b> , 50, 9447-50	5.8	38
160	Facile synthesis of high-quality Pt nanostructures with a controlled aspect ratio for methanol electro-oxidation. <i>CrystEngComm</i> , <b>2014</b> , 16, 8340-8343	3.3	11
159	Monitoring the shape evolution of Pd nanocubes to octahedra by PdS frame markers. <i>Nanoscale</i> , <b>2014</b> , 6, 3518-21	7.7	7
158	Large-scale synthesis of Ag@Si core-shell nanowall arrays as high-performance anode materials of Li-ion batteries. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 13949-13954	13	30
157	Aqueous solution synthesis of Pt-M (M = Fe, Co, Ni) bimetallic nanoparticles and their catalysis for the hydrolytic dehydrogenation of ammonia borane. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 12429-35	9.5	90
156	Facile synthesis of PdPt alloy concave nanocubes with high-index facets as electrocatalysts for methanol oxidation. <i>CrystEngComm</i> , <b>2014</b> , 16, 2411-2416	3.3	58
155	Improved cyclic stability of Mg <sub>2</sub> Si by direct carbon coating as anode materials for lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , <b>2014</b> , 587, 807-811	5.7	19
154	In situ study of oxidative etching of palladium nanocrystals by liquid cell electron microscopy. <i>Nano Letters</i> , <b>2014</b> , 14, 3761-5	11.5	100
153	Facile synthesis of Rh-Pd alloy nanodendrites as highly active and durable electrocatalysts for oxygen reduction reaction. <i>Nanoscale</i> , <b>2014</b> , 6, 7012-8	7.7	47
152	Kinetically controlled synthesis of Pt-Cu alloy concave nanocubes with high-index facets for methanol electro-oxidation. <i>Chemical Communications</i> , <b>2014</b> , 50, 560-2	5.8	126
151	Voltage-controlled synthesis of Cu@Ni <sub>2</sub> O@Si core-shell nanorod arrays as high-performance anodes for lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 20510-20514	13	23
150	Large-scale synthesis of Si@C three-dimensional porous structures as high-performance anode materials for lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 20494-20499	13	54
149	Enhanced activity, durability and anti-poisoning property of Pt/W <sub>18</sub> O <sub>49</sub> for methanol oxidation with a sub-stoichiometric tungsten oxide W <sub>18</sub> O <sub>49</sub> support. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 20154-20163	13	33
148	Three-dimensionally porous Fe <sub>3</sub> O <sub>4</sub> as high-performance anode materials for lithium-ion batteries. <i>Journal of Power Sources</i> , <b>2014</b> , 246, 198-203	8.9	61
147	Large-scale synthesis and application of SnS <sub>2</sub> @graphene nanocomposites as anode materials for lithium-ion batteries with enhanced cyclic performance and reversible capacity. <i>Journal of Alloys and Compounds</i> , <b>2013</b> , 580, 457-464	5.7	45
146	Electrochemical synthesis of SnCo alloy shells on orderly rod-shaped Cu current collectors as anode materials for lithium-ion batteries with enhanced performance. <i>Journal of Alloys and Compounds</i> , <b>2013</b> , 570, 119-124	5.7	18
145	Atomic resolution liquid-cell transmission electron microscopy investigations of the dynamics of nanoparticles in ultrathin liquids. <i>Chemical Communications</i> , <b>2013</b> , 49, 10944-6	5.8	40

144	Synthesis of Ni <sub>2</sub> S <sub>3</sub> @SiGe core-shell nanowire arrays on Ni foam as a high-performance anode for Li-ion batteries. <i>RSC Advances</i> , <b>2013</b> , 3, 7713	3.7	21
143	Order-aligned Mn <sub>3</sub> O <sub>4</sub> nanostructures as super high-rate electrodes for rechargeable lithium-ion batteries. <i>Journal of Power Sources</i> , <b>2013</b> , 222, 32-37	8.9	70
142	Shape-controlled synthesis of Pd nanocrystals and their catalytic applications. <i>Accounts of Chemical Research</i> , <b>2013</b> , 46, 1783-94	24.3	495
141	Highly loaded CoO/graphene nanocomposites as lithium-ion anodes with superior reversible capacity. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 2337	13	102
140	SiGe porous nanorod arrays as high-performance anode materials for lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , <b>2013</b> , 577, 564-568	5.7	22
139	Synthesis of SiGe-based three-dimensional nanoporous electrodes for high performance lithium-ion batteries. <i>Journal of Power Sources</i> , <b>2013</b> , 229, 185-189	8.9	22
138	Layer-by-layer synthesis of Fe <sub>2</sub> O <sub>3</sub> @SnO <sub>2</sub> @C porous core-shell nanorods with high reversible capacity in lithium-ion batteries. <i>Nanoscale</i> , <b>2013</b> , 5, 4744-50	7.7	40
137	Synthesis of nanoporous three-dimensional current collector for high-performance lithium-ion batteries. <i>RSC Advances</i> , <b>2013</b> , 3, 7543	3.7	9
136	Synthesis of rhodium concave tetrahedrons by collectively manipulating the reduction kinetics, facet-selective capping, and surface diffusion. <i>Nano Letters</i> , <b>2013</b> , 13, 6262-8	11.5	57
135	Magnetic-fluorescent nanohybrids of carbon nanotubes coated with Eu, Gd co-doped LaF <sub>3</sub> as a multimodal imaging probe. <i>Journal of Colloid and Interface Science</i> , <b>2012</b> , 367, 61-6	9.3	21
134	Cu <sub>2</sub> S@SiGe core-shell nanowire arrays as three-dimensional electrodes for high-rate capability lithium-ion batteries. <i>Journal of Power Sources</i> , <b>2012</b> , 208, 434-439	8.9	42
133	Controlling the nucleation and growth of silver on palladium nanocubes by manipulating the reaction kinetics. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 2354-8	16.4	193
132	Cu <sub>2</sub> S@SiGe core-shell nanowire arrays as three-dimensional electrodes for high-rate capability lithium-ion batteries. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 1511-1515		97
131	Growth and photoelectrochemical properties of ordered CuInS <sub>2</sub> nanorod arrays. <i>Chemical Communications</i> , <b>2012</b> , 48, 4746-8	5.8	16
130	CoO/NiSi(x) core-shell nanowire arrays as lithium-ion anodes with high rate capabilities. <i>Nanoscale</i> , <b>2012</b> , 4, 991-6	7.7	48
129	Vertically ordered Ni <sub>2</sub> S <sub>3</sub> @Si nanorod arrays as anode materials for high-performance Li-ion batteries. <i>Nanoscale</i> , <b>2012</b> , 4, 5343-7	7.7	36
128	Nanostructured hybrid cobalt oxide/copper electrodes of lithium-ion batteries with reversible high-rate capabilities. <i>Journal of Alloys and Compounds</i> , <b>2012</b> , 521, 83-89	5.7	26
127	Large-scale synthesis of silicon arrays of nanowire on titanium substrate as high-performance anode of Li-ion batteries. <i>Journal of Alloys and Compounds</i> , <b>2012</b> , 526, 53-58	5.7	24

126	Phase-controlled synthesis of nickel silicide nanostructures. <i>Materials Research Bulletin</i> , <b>2012</b> , 47, 3797-3803	3.0	16
125	Large-scale synthesis of water-soluble Na <sub>2</sub> SiF <sub>6</sub> nanotubes with polyacrylic acid as a surfactant. <i>Materials Research Bulletin</i> , <b>2012</b> , 47, 3923-3926	5.1	5
124	One-dimensional hybrid nanostructures: synthesis via layer-by-layer assembly and applications. <i>Nanoscale</i> , <b>2012</b> , 4, 5517-26	7.7	20
123	Synthesis of Co <sub>3</sub> O <sub>4</sub> @SnO <sub>2</sub> @C core-shell nanorods with superior reversible lithium-ion storage. <i>RSC Advances</i> , <b>2012</b> , 2, 9511	3.7	35
122	Copper can still be epitaxially deposited on palladium nanocrystals to generate core-shell nanocubes despite their large lattice mismatch. <i>ACS Nano</i> , <b>2012</b> , 6, 2566-73	16.7	124
121	Enhancing the catalytic and electrocatalytic properties of Pt-based catalysts by forming bimetallic nanocrystals with Pd. <i>Chemical Society Reviews</i> , <b>2012</b> , 41, 8035-49	58.5	438
120	Palladium nanocrystals enclosed by {100} and {111} facets in controlled proportions and their catalytic activities for formic acid oxidation. <i>Energy and Environmental Science</i> , <b>2012</b> , 5, 6352-6357	35.4	313
119	Layer-stacked tin disulfide nanorods in silica nanoreactors with improved lithium storage capabilities. <i>Nanoscale</i> , <b>2012</b> , 4, 4002-6	7.7	54
118	Controlling the Nucleation and Growth of Silver on Palladium Nanocubes by Manipulating the Reaction Kinetics. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 2404-2408	3.6	21
117	Edelmetall-Nanokristalle mit konkaven Oberflächen: Synthese und Anwendungen. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 7774-7792	3.6	44
116	Noble-metal nanocrystals with concave surfaces: synthesis and applications. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 7656-73	16.4	380
115	A Mechanistic Study on the Nucleation and Growth of Au on Pd Seeds with a Cubic or Octahedral Shape. <i>ChemCatChem</i> , <b>2012</b> , 4, 1668-1674	5.2	25
114	Detection of viability of transplanted beta cells labeled with a novel contrast agent - polyvinylpyrrolidone-coated superparamagnetic iron oxide nanoparticles by magnetic resonance imaging. <i>Contrast Media and Molecular Imaging</i> , <b>2012</b> , 7, 35-44	3.2	14
113	Large-scale synthesis of water-soluble nanowires as versatile templates for nanotubes. <i>Chemical Communications</i> , <b>2011</b> , 47, 1006-8	5.8	6
112	Cu <sub>2</sub> S Core/Shell Nanowire Arrays as Three-Dimensional Electrodes for Lithium-Ion Batteries. <i>Journal of Physical Chemistry C</i> , <b>2011</b> , 115, 23620-23624	3.8	49
111	Self-templating synthesis of SnO <sub>2</sub> -carbon hybrid hollow spheres for superior reversible lithium ion storage. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2011</b> , 3, 1946-52	9.5	101
110	Large-Scale Synthesis of SnO <sub>2</sub> Nanotube Arrays as High-Performance Anode Materials of Li-Ion Batteries. <i>Journal of Physical Chemistry C</i> , <b>2011</b> , 115, 11302-11305	3.8	218
109	Carbon-coated SnO <sub>2</sub> nanotubes: template-engaged synthesis and their application in lithium-ion batteries. <i>Nanoscale</i> , <b>2011</b> , 3, 746-50	7.7	130



108	Facile synthesis of Pd-Pt alloy nanocages and their enhanced performance for preferential oxidation of CO in excess hydrogen. <i>ACS Nano</i> , <b>2011</b> , 5, 8212-22	16.7	223
107	Cobalt/Iron cyanide hollow cubes: Three-dimensional self-assembly and magnetic properties. <i>Journal of Alloys and Compounds</i> , <b>2011</b> , 509, 8382-8386	5.7	11
106	Synthesis of Pd-Pt bimetallic nanocrystals with a concave structure through a bromide-induced galvanic replacement reaction. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 6078-89	16.4	364
105	Nanocrystals composed of alternating shells of Pd and Pt can be obtained by sequentially adding different precursors. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 10422-5	16.4	102
104	Synthesis of Co <sub>2</sub> SnO <sub>4</sub> @C core-shell nanostructures with reversible lithium storage. <i>Journal of Power Sources</i> , <b>2011</b> , 196, 10234-10239	8.9	58
103	Layer-by-layer assembly synthesis of ZnO/SnO <sub>2</sub> composite nanowire arrays as high-performance anode for lithium-ion batteries. <i>Materials Research Bulletin</i> , <b>2011</b> , 46, 2378-2384	5.1	33
102	Solvothermal synthesis of carbon-coated tin nanorods for superior reversible lithium ion storage. <i>Materials Research Bulletin</i> , <b>2011</b> , 46, 2278-2282	5.1	9
101	Ni <sub>3</sub> Si <sub>2</sub> Bi nanowires on Ni foam as a high-performance anode of Li-ion batteries. <i>Electrochemistry Communications</i> , <b>2011</b> , 13, 1443-1446	5.1	33
100	Synthesis of Pd nanocrystals enclosed by {100} facets and with sizes . <i>Nano Research</i> , <b>2011</b> , 4, 83-91	10	375
99	Platinum Concave Nanocubes with High-Index Facets and Their Enhanced Activity for Oxygen Reduction Reaction. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 2825-2829	3.6	99
98	Palladium Concave Nanocubes with High-Index Facets and Their Enhanced Catalytic Properties. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 7996-8000	3.6	55
97	Shape-Controlled Synthesis of Copper Nanocrystals in an Aqueous Solution with Glucose as a Reducing Agent and Hexadecylamine as a Capping Agent. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 10748-10752	3.6	21
96	Platinum concave nanocubes with high-index facets and their enhanced activity for oxygen reduction reaction. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 2773-7	16.4	393
95	Palladium concave nanocubes with high-index facets and their enhanced catalytic properties. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 7850-4	16.4	356
94	Shape-controlled synthesis of copper nanocrystals in an aqueous solution with glucose as a reducing agent and hexadecylamine as a capping agent. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 10560-4	16.4	352
93	Assembling CoSn <sub>3</sub> nanoparticles on multiwalled carbon nanotubes with enhanced lithium storage properties. <i>Nanoscale</i> , <b>2011</b> , 3, 1798-801	7.7	39
92	Controlling the morphology of rhodium nanocrystals by manipulating the growth kinetics with a syringe pump. <i>Nano Letters</i> , <b>2011</b> , 11, 898-903	11.5	168
91	Carbon Nanocapsules as Nanoreactors for Controllable Synthesis of Encapsulated Iron and Iron Oxides: Magnetic Properties and Reversible Lithium Storage. <i>Journal of Physical Chemistry C</i> , <b>2011</b> , 115, 3612-3620	3.8	96

90	Porous ZnCo <sub>2</sub> O <sub>4</sub> nanowires synthesis via sacrificial templates: high-performance anode materials of Li-ion batteries. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 3320-4	5.1	159
89	Multiwalled carbon nanotubes anchored with SnS <sub>2</sub> nanosheets as high-performance anode materials of lithium-ion batteries. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2011</b> , 3, 4067-74	9.5	139
88	One-Pot Synthesis of Biocompatible CdSe/CdS Quantum Dots and Their Applications as Fluorescent Biological Labels. <i>Nanoscale Research Letters</i> , <b>2011</b> , 6, 31	5	37
87	CNTs@SnO <sub>2</sub> @C Coaxial Nanocables with Highly Reversible Lithium Storage. <i>Journal of Physical Chemistry C</i> , <b>2010</b> , 114, 22535-22538	3.8	132
86	Carbon nanotube-based magnetic-fluorescent nanohybrids as highly efficient contrast agents for multimodal cellular imaging. <i>Journal of Materials Chemistry</i> , <b>2010</b> , 20, 9895		54
85	Selective Synthesis of Fe <sub>2</sub> O <sub>3</sub> and Fe <sub>3</sub> O <sub>4</sub> Nanowires Via a Single Precursor: A General Method for Metal Oxide Nanowires. <i>Nanoscale Research Letters</i> , <b>2010</b> , 5, 1295-300	5	98
84	Functionalization of ZnO nanorods with Fe <sub>2</sub> O <sub>3</sub> nanoparticles: Layer-by-layer synthesis, optical and magnetic properties. <i>Materials Chemistry and Physics</i> , <b>2010</b> , 124, 908-911	4.4	21
83	Facile Synthesis of Five-fold Twinned, Starfish-like Rhodium Nanocrystals by Eliminating Oxidative Etching with a Chloride-Free Precursor. <i>Angewandte Chemie</i> , <b>2010</b> , 122, 5424-5428	3.6	15
82	Facile synthesis of five-fold twinned, starfish-like rhodium nanocrystals by eliminating oxidative etching with a chloride-free precursor. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 5296-300	16.4	92
81	Labeling transplanted mice islet with polyvinylpyrrolidone coated superparamagnetic iron oxide nanoparticles for in vivo detection by magnetic resonance imaging. <i>Nanotechnology</i> , <b>2009</b> , 20, 365101	3.4	29
80	Morphology and phase selective synthesis of EuF <sub>3</sub> nanostructures by polyelectrolyte assisted chemical reaction and their optical properties. <i>Materials Chemistry and Physics</i> , <b>2009</b> , 115, 562-566	4.4	4
79	Synthesis of polycrystalline SnO <sub>2</sub> nanotubes on carbon nanotube template for anode material of lithium-ion battery. <i>Materials Research Bulletin</i> , <b>2009</b> , 44, 211-215	5.1	63
78	Hybrid nanostructures of Au nanocrystals and ZnO nanorods: Layer-by-layer assembly and tunable blue-shift band gap emission. <i>Materials Research Bulletin</i> , <b>2009</b> , 44, 889-892	5.1	22
77	Controllable growth of Se nanotubes and nanowires from different solvent during the sonochemical process. <i>Materials Letters</i> , <b>2009</b> , 63, 1-4	3.3	7
76	Controllable chemical reaction synthesis of Tb(OH) <sub>3</sub> nanorods and their photoluminescence property. <i>Materials Letters</i> , <b>2009</b> , 63, 1180-1182	3.3	8
75	A General Approach for Uniform Coating of a Metal Layer on MWCNTs via Layer-by-Layer Assembly. <i>Journal of Physical Chemistry C</i> , <b>2009</b> , 113, 17387-17391	3.8	23
74	A Versatile Approach for the Synthesis of ZnO Nanorod-Based Hybrid Nanomaterials via Layer-by-Layer Assembly. <i>Journal of Physical Chemistry C</i> , <b>2009</b> , 113, 8147-8151	3.8	31
73	Room temperature electrically pumped ultraviolet random lasing from ZnO nanorod arrays on Si. <i>Optics Express</i> , <b>2009</b> , 17, 14426-33	3.3	64

72	General Layer-By-Layer Approach To Composite Nanotubes and Their Enhanced Lithium-Storage and Gas-Sensing Properties. <i>Chemistry of Materials</i> , <b>2009</b> , 21, 5264-5271	9.6	34
71	Carbon Nanotube-ZnO Nanosphere Heterostructures: Low-Temperature Chemical Reaction Synthesis, Photoluminescence, and Their Application for Room Temperature NH <sub>3</sub> Gas Sensor. <i>Science of Advanced Materials</i> , <b>2009</b> , 1, 13-17	2.3	37
70	Controllable growth of dendrite-like CuO nanostructures by ethylene glycol assisted hydrothermal process. <i>Materials Research Bulletin</i> , <b>2008</b> , 43, 1291-1296	5.1	44
69	Sub-2nm SnO <sub>2</sub> nanocrystals: A reduction/oxidation chemical reaction synthesis and optical properties. <i>Materials Research Bulletin</i> , <b>2008</b> , 43, 3164-3170	5.1	15
68	One-pot, large-scale synthesis of SnO <sub>2</sub> nanotubes at room temperature. <i>Chemical Communications</i> , <b>2008</b> , 3028-30	5.8	62
67	Homogeneous coating of Au and SnO <sub>2</sub> nanocrystals on carbon nanotubes via layer-by-layer assembly: a new ternary hybrid for a room-temperature CO gas sensor. <i>Chemical Communications</i> , <b>2008</b> , 6182-4	5.8	67
66	Cobalt ferrite nanorings: Ostwald ripening dictated synthesis and magnetic properties. <i>Chemical Communications</i> , <b>2008</b> , 5648-50	5.8	28
65	Phase-Selective Synthesis and Self-Assembly of Monodisperse Copper Sulfide Nanocrystals. <i>Journal of Physical Chemistry C</i> , <b>2008</b> , 112, 13390-13394	3.8	58
64	From cobalt nitrate carbonate hydroxide hydrate nanowires to porous Co <sub>3</sub> O <sub>4</sub> nanorods for high performance lithium-ion battery electrodes. <i>Nanotechnology</i> , <b>2008</b> , 19, 035711	3.4	99
63	Controlling the growth and field emission properties of silicide nanowire arrays by direct silicification of Ni foil. <i>Nanotechnology</i> , <b>2008</b> , 19, 375602	3.4	28
62	Metal oxide and sulfide hollow spheres: layer-by-layer synthesis and their application in lithium-ion battery. <i>Journal of Physical Chemistry B</i> , <b>2008</b> , 112, 14836-42	3.4	74
61	Three-dimensional Dendritic Pt Nanostructures: Sonochemical Synthesis and Electrochemical Applications. <i>Journal of Physical Chemistry C</i> , <b>2008</b> , 112, 16385-16392	3.8	166
60	Functionalization of carbon nanotubes with magnetic nanoparticles: general nonaqueous synthesis and magnetic properties. <i>Nanotechnology</i> , <b>2008</b> , 19, 315604	3.4	24
59	Magnesium catalyzed growth of SiO <sub>2</sub> hierarchical nanostructures by a thermal evaporation process. <i>Nanotechnology</i> , <b>2008</b> , 19, 165601	3.4	10
58	Hydrofluoric acid free synthesis of macropores on silicon by chemical vapor deposition and their photoluminescence. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , <b>2008</b> , 40, 494-498	3	
57	A novel low-temperature chemical solution route for straight and dendrite-like ZnO nanostructures. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , <b>2007</b> , 141, 76-81	3.1	10
56	Flower-like silicon nanostructures. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , <b>2007</b> , 38, 27-30	3	5
55	Tailor of ZnO morphology by heterogeneous nucleation in the aqueous solution. <i>Materials Research Bulletin</i> , <b>2007</b> , 42, 1316-1322	5.1	4

54	Cathodoluminescence and its mapping of flower-like ZnO, ZnO/ZnS core-shell and tube-like ZnS nanostructures. <i>Materials Research Bulletin</i> , <b>2007</b> , 42, 1286-1292	5.1	14
53	Sonochemical synthesis of amorphous long silver sulfide nanowires. <i>Materials Letters</i> , <b>2007</b> , 61, 235-238	3.3	31
52	Synthesis of flower-like CdS nanostructures by organic-free hydrothermal process and their optical properties. <i>Materials Letters</i> , <b>2007</b> , 61, 3507-3510	3.3	32
51	Low temperature chemical reaction synthesis of single-crystalline Eu(OH) <sub>3</sub> nanorods and their thermal conversion to Eu <sub>2</sub> O <sub>3</sub> nanorods. <i>Nanotechnology</i> , <b>2007</b> , 18, 065605	3.4	24
50	From ZnO nanorods to 3D hollow microhemispheres: solvothermal synthesis, photoluminescence and gas sensor properties. <i>Nanotechnology</i> , <b>2007</b> , 18, 455604	3.4	66
49	Ligand-free Self-Assembly of Ceria Nanocrystals into Nanorods by Oriented Attachment at Low Temperature. <i>Journal of Physical Chemistry C</i> , <b>2007</b> , 111, 12677-12680	3.8	124
48	Low-temperature chemical solution route for ZnO based sulfide coaxial nanocables: general synthesis and gas sensor application. <i>Nanotechnology</i> , <b>2007</b> , 18, 115619	3.4	38
47	Synthesis and characterization of CdS based sulfide coaxial cable and nanotubes by sacrificial approach. <i>Materials Letters</i> , <b>2006</b> , 60, 2004-2008	3.3	3
46	Hydrothermal synthesis, characterization and properties of SnS nanoflowers. <i>Materials Letters</i> , <b>2006</b> , 60, 2686-2689	3.3	54
45	Synthesis and characterization of single crystalline MnOOH and MnO <sub>2</sub> nanorods by means of the hydrothermal process assisted with CTAB. <i>Materials Letters</i> , <b>2006</b> , 60, 3895-3898	3.3	19
44	A simple hydrothermal route for synthesizing SnO <sub>2</sub> quantum dots. <i>Nanotechnology</i> , <b>2006</b> , 17, 2386-2389	3.4	173
43	Straight and thin ZnO nanorods: hectogram-scale synthesis at low temperature and cathodoluminescence. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 827-30	3.4	67
42	Low-temperature growth of uniform ZnO particles with controllable ellipsoidal morphologies and characteristic luminescence patterns. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 19147-53	3.4	55
41	Shape-Control Fabrication and Characterization of the Airplane-like FeO(OH) and Fe <sub>2</sub> O <sub>3</sub> Nanostructures. <i>Crystal Growth and Design</i> , <b>2006</b> , 6, 351-353	3.5	98
40	Hydrothermal synthesis of Zn <sub>2</sub> SnO <sub>4</sub> nanorods in the diameter regime of sub-5 nm and their properties. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 7631-4	3.4	90
39	General solution route for nanoplates of hexagonal oxide or hydroxide. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 11196-8	3.4	33
38	A simple and novel low-temperature hydrothermal synthesis of ZnO nanorods. <i>Inorganic Materials</i> , <b>2006</b> , 42, 1210-1214	0.9	19
37	Gas sensing behavior of polyvinylpyrrolidone-modified ZnO nanoparticles for trimethylamine. <i>Sensors and Actuators B: Chemical</i> , <b>2006</b> , 113, 324-328	8.5	91

36	A selective NH <sub>3</sub> gas sensor based on Fe <sub>2</sub> O <sub>3</sub> /ZnO nanocomposites at room temperature. <i>Sensors and Actuators B: Chemical</i> , <b>2006</b> , 114, 910-915	8.5	131
35	Transformation mechanism of Te particles into Te nanotubes and nanowires during solvothermal process. <i>Journal of Crystal Growth</i> , <b>2006</b> , 289, 568-573	1.6	10
34	InOOH hollow spheres synthesized by a simple hydrothermal reaction. <i>Journal of Physical Chemistry B</i> , <b>2005</b> , 109, 20676-9	3.4	58
33	Carbon-assisted synthesis of aligned ZnO nanowires. <i>Materials Letters</i> , <b>2005</b> , 59, 2710-2714	3.3	22
32	Sequential occurrence of ZnO nanoparticles, nanorods, and nanotips during hydrothermal process in a dilute aqueous solution. <i>Materials Letters</i> , <b>2005</b> , 59, 3393-3397	3.3	36
31	Synthesis and field emission characteristics of bilayered ZnO nanorod array prepared by chemical reaction. <i>Journal of Physical Chemistry B</i> , <b>2005</b> , 109, 17055-9	3.4	54
30	Controllable Growth of ZnO Microcrystals by a Capping-Molecule-Assisted Hydrothermal Process. <i>Crystal Growth and Design</i> , <b>2005</b> , 5, 547-550	3.5	307
29	Novel CuS hollow spheres fabricated by a novel hydrothermal method. <i>Microporous and Mesoporous Materials</i> , <b>2005</b> , 80, 153-156	5.3	58
28	Self-assembly of CdS: from nanoparticles to nanorods and arrayed nanorod bundles. <i>Materials Chemistry and Physics</i> , <b>2005</b> , 93, 65-69	4.4	45
27	Synthesis of cadmium hydroxide nanoflake and nanowisker by hydrothermal method. <i>Materials Letters</i> , <b>2005</b> , 59, 56-58	3.3	43
26	Hydrothermal synthesis of flower-like SrCO <sub>3</sub> nanostructures. <i>Materials Letters</i> , <b>2005</b> , 59, 420-422	3.3	52
25	Preparation and characterization of water-soluble CdS nanocrystals by surface modification of ethylene diamine. <i>Materials Letters</i> , <b>2005</b> , 59, 1024-1027	3.3	72
24	Controllable growth of ZnO nanostructures by citric acid assisted hydrothermal process. <i>Materials Letters</i> , <b>2005</b> , 59, 1696-1700	3.3	124
23	Some critical factors in the synthesis of CdS nanorods by hydrothermal process. <i>Materials Letters</i> , <b>2005</b> , 59, 3037-3041	3.3	18
22	Two-dimensional SnS nanosheets fabricated by a novel hydrothermal method. <i>Journal of Materials Science</i> , <b>2005</b> , 40, 591-595	4.3	72
21	A versatile solution route for oxide/sulfide core/shell nanostructures and nonlayered sulfide nanotubes. <i>Nanotechnology</i> , <b>2005</b> , 16, 2721-2725	3.4	22
20	Synthesis of One-Dimensional Chalcogenides by a Novel Hydrothermal Process. <i>Solid State Phenomena</i> , <b>2004</b> , 99-100, 203-208	0.4	1
19	Morphology Control of PbS Nanocrystals by a Novel Hydrothermal Process. <i>Solid State Phenomena</i> , <b>2004</b> , 99-100, 197-202	0.4	1

18	Hydrothermal synthesis of flower-like Bi <sub>2</sub> S <sub>3</sub> with nanorods in the diameter region of 30 nm. <i>Nanotechnology</i> , <b>2004</b> , 15, 1122-1125	3.4	36
17	Synthesis of CdS nanotubes by chemical bath deposition. <i>Journal of Crystal Growth</i> , <b>2004</b> , 263, 372-376	1.6	50
16	Selenium Nanotubes Synthesized by a Novel Solution Phase Approach. <i>Journal of Physical Chemistry B</i> , <b>2004</b> , 108, 1179-1182	3.4	86
15	CuO nanodendrites synthesized by a novel hydrothermal route. <i>Nanotechnology</i> , <b>2004</b> , 15, 1428-1432	3.4	116
14	Low Temperature Synthesis of Flowerlike ZnO Nanostructures by Cetyltrimethylammonium Bromide-Assisted Hydrothermal Process. <i>Journal of Physical Chemistry B</i> , <b>2004</b> , 108, 3955-3958	3.4	446
13	Synthesis of flower-like ZnO nanostructures by an organic-free hydrothermal process. <i>Nanotechnology</i> , <b>2004</b> , 15, 622-626	3.4	265
12	Synthesis of ultrafine lanthanum hydroxide nanorods by a simple hydrothermal process. <i>Materials Letters</i> , <b>2004</b> , 58, 1180-1182	3.3	59
11	Effects of complexing agent on CdS thin films prepared by chemical bath deposition. <i>Materials Letters</i> , <b>2004</b> , 58, 5-9	3.3	71
10	Star-shaped PbS crystals fabricated by a novel hydrothermal method. <i>Journal of Physics Condensed Matter</i> , <b>2003</b> , 15, 7611-7615	1.8	35
9	Single crystalline CdS nanorods fabricated by a novel hydrothermal method. <i>Chemical Physics Letters</i> , <b>2003</b> , 377, 654-657	2.5	97
8	Arrays of ZnO nanowires fabricated by a simple chemical solution route. <i>Nanotechnology</i> , <b>2003</b> , 14, 423-426	3.4	107
7	Single-crystalline SnS <sub>2</sub> nano-belts fabricated by a novel hydrothermal method. <i>Journal of Physics Condensed Matter</i> , <b>2003</b> , 15, L661-L665	1.8	36
6	Long Bi <sub>2</sub> S <sub>3</sub> nanowires prepared by a simple hydrothermal method. <i>Nanotechnology</i> , <b>2003</b> , 14, 974-977	3.4	89
5	Directional CdS nanowires fabricated by chemical bath deposition. <i>Journal of Crystal Growth</i> , <b>2002</b> , 246, 108-112	1.6	70
4	Synthesis of La <sub>1-x</sub> CaxMnO <sub>3</sub> nanowires by a sol-gel process. <i>Chemical Physics Letters</i> , <b>2002</b> , 363, 579-582	2.5	43
3	PdPtRu nanocages with tunable compositions for boosting the methanol oxidation reaction. <i>Nanoscale Advances</i> ,	5.1	1
2	Strain effect in Pd@PdAg twinned nanocrystals towards ethanol oxidation electrocatalysis. <i>Nanoscale Advances</i> ,	5.1	1
1	A unique ligand effect in Pt-based core-shell nanocubes to boost oxygen reduction electrocatalysis. <i>Journal of Materials Chemistry A</i> ,	13	1

