

# Jianping Ge

## 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.

137  
papers

11,809  
citations

54  
h-index

108  
g-index

147  
ext. papers

12,854  
ext. citations

9.1  
avg. IF

6.64  
L-index

#	Paper	IF	Citations
137	Hierarchically ordered macro-microporous metal-organic framework derived oxygen reduction electrocatalyst. <i>Chemical Engineering Journal</i> , <b>2022</b> , 429, 132214	14.7	2
136	Ultrafast and Irreversibly ThermoChromic SiO <sub>2</sub> -PC/PEG Double Layer for Green Thermal Printing.. <i>Small</i> , <b>2022</b> , e2106533	11	3
135	High-Precision Colorimetric Sensing by Dynamic Tracking of Solvent Diffusion in Hollow-Sphere Photonic Crystals. <i>Research</i> , <b>2022</b> , 2022, 1-11	7.8	0
134	Pt-Ni alloy nanobead chains catalysts embedded in UiO-67 membrane for enhanced CO <sub>2</sub> conversion to CO. <i>Materials Today Energy</i> , <b>2022</b> , 101051	7	
133	Nanoengineering Metal-Organic Framework-Based Materials for Use in Electrochemical CO Reduction Reactions. <i>Small</i> , <b>2021</b> , 17, e2006590	11	37
132	Triple-State Invisible Photonic Crystal Pattern Encrypted in Hollow-Silica/Polyurethane Film for Anticounterfeiting Applications. <i>Advanced Photonics Research</i> , <b>2021</b> , 2, 2000208	1.9	1
131	Enhanced Charge Separation in NiO and Pd Co-Modified TiO <sub>2</sub> Photocatalysts for Efficient and Selective Photoreduction of CO <sub>2</sub> . <i>ACS Applied Energy Materials</i> , <b>2021</b> , 4, 6324-6332	6.1	7
130	Spray Synthesis of Photonic Crystal Based Automotive Coatings with Bright and Angular-Dependent Structural Colors. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2008601	15.6	32
129	Etching of cubic Pd@Pt in UiO-66 to obtain nanocages for enhancing CO <sub>2</sub> hydrogenation. <i>Materials Today Energy</i> , <b>2021</b> , 19, 100585	7	5
128	Photonic Crystals: Spray Synthesis of Photonic Crystal Based Automotive Coatings with Bright and Angular-Dependent Structural Colors (Adv. Funct. Mater. 9/2021). <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2170060	15.6	1
127	UIO66-membranized SAPO-34 Pt catalyst for enhanced carbon dioxide conversion efficiency. <i>Materials Today Energy</i> , <b>2021</b> , 21, 100781	7	5
126	Liquid photonic crystal detection reagent for reliable sensing of Cu in water.. <i>RSC Advances</i> , <b>2020</b> , 10, 10972-10979	3.7	2
125	Liquid-liquid extraction: a universal method to synthesize liquid colloidal photonic crystals. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 989-995	7.1	3
124	Coupling Effect of Au Nanoparticles with the Oxygen Vacancies of TiO <sub>2</sub> for Enhanced Charge Transfer. <i>Journal of Physical Chemistry C</i> , <b>2020</b> , 124, 23823-23831	3.8	9
123	Amorphous colloidal photonic crystals assembled by mesoporous silica particles for thin layer chromatography with high separation efficiency and colorimetric recognition. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 17202-17210	7.1	6
122	Metal-Organic Framework-Coated Photonic Crystals for High-Performance Thin-Layer Chromatography. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 44058-44066	9.5	3
121	Resolvin E1 Ameliorates Pulpitis by Suppressing Dental Pulp Fibroblast Activation in a Chemerin Receptor 23-dependent Manner. <i>Journal of Endodontics</i> , <b>2019</b> , 45, 1126-1134.e1	4.7	13

120	NiCo Nanocatalyst Supported by ZrO Hollow Sphere for Dry Reforming of Methane: Synergetic Catalysis by Ni and Co in Alloy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 24078-24087	9.5	32
119	Origin of Photocatalytic Activity in Ti <sup>4+</sup> /Ti <sup>3+</sup> Core-Shell Titanium Oxide Nanocrystals. <i>Journal of Physical Chemistry C</i> , <b>2019</b> , 123, 20949-20959	3.8	12
118	Highly Dispersed Ni Nanoparticles on Anhydrous Calcium Silicate (ACS) Nanosheets for Catalytic Dry Reforming of Methane: Tuning the Activity by Different Ways of Ni Introduction. <i>Chemistry - an Asian Journal</i> , <b>2019</b> , 14, 2889-2897	4.5	1
117	Core-Shell or Dimer Heterostructures? Synergistic Catalysis of an Advanced Oxidation Process at the Exposed Interface under Illumination. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 28996-29003	9.5	4
116	Highly Invisible Photonic Crystal Patterns Encrypted in an Inverse Opaline Macroporous Polyurethane Film for Anti-Counterfeiting Applications. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 45256-45264	9.5	48
115	Fabrication of Opaline ZnO Photonic Crystal Film and Its Slow-Photon Effect on Photoreduction of Carbon Dioxide. <i>Langmuir</i> , <b>2019</b> , 35, 194-202	4	11
114	Monodisperse Metal-Organic Framework Nanospheres with Encapsulated Core-Shell Nanoparticles Pt/Au@Pd@{Co(oba)(3-bpdh)} <sub>4</sub> HO for the Highly Selective Conversion of CO to CO. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 15096-15103	9.5	32
113	Synthesis of N-Doped Mesoporous Carbon Nanorods through Nano-Confined Reaction: High-Performance Catalyst Support for Hydrogenation of Phenol Derivatives. <i>Chemistry - an Asian Journal</i> , <b>2018</b> , 13, 822-829	4.5	7
112	Synthesis of Magnetite-Semiconductor-Metal Trimer Nanoparticles through Functional Modular Assembly: A Magnetically Separable Photocatalyst with Photothermic Enhancement for Water Reduction. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 4929-4936	9.5	23
111	Cu <sub>2</sub> O@TiO <sub>2</sub> Hollow Nanospheres as a Heterogeneous Catalyst for Synergetic Oxidation of CO. <i>Journal of Physical Chemistry C</i> , <b>2018</b> , 122, 19524-19531	3.8	28
110	Liquid Photonic Crystals for Mesopore Detection. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 258-262	3.6	9
109	A Monodispersed Spherical Zr-Based Metal-Organic Framework Catalyst, Pt/Au@Pd@UO-66, Comprising an Au@Pd Core-Shell Encapsulated in a UO-66 Center and Its Highly Selective CO Hydrogenation to Produce CO. <i>Small</i> , <b>2018</b> , 14, 1702812	11	47
108	Liquid Photonic Crystals for Mesopore Detection. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 252-256	16.4	47
107	Substantial Enhancement toward the Photocatalytic Activity of CdS Quantum Dots by Photonic Crystal-Supporting Films. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 42241-42248	9.5	19
106	Electrically Tunable Liquid Photonic Crystals with Large Dielectric Contrast and Highly Saturated Structural Colors. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1804628	15.6	79
105	Internally Supported Metal-Oxide Nanocatalyst for Hydrogenation of Nitroaromatics. <i>Langmuir</i> , <b>2018</b> , 34, 7077-7085	4	3
104	Test-Paper-Like Photonic Crystal Viscometer. <i>Small</i> , <b>2017</b> , 13, 1603351	11	32
103	Monodispersed gold nanoparticles supported on a zirconium-based porous metal-organic framework and their high catalytic ability for the reverse water-gas shift reaction. <i>Chemical Communications</i> , <b>2017</b> , 53, 7953-7956	5.8	42

102	A dual-channel optical magnetometer based on magnetically responsive inverse opal microspheres. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 9288-9295	7.1	12
101	Confined reaction inside nanotubes: New approach to mesoporous g-C <sub>3</sub> N <sub>4</sub> photocatalysts. <i>Nano Research</i> , <b>2017</b> , 10, 3638-3647	10	32
100	Hierarchically structured photonic crystals for integrated chemical separation and colorimetric detection. <i>Nanoscale</i> , <b>2017</b> , 9, 2457-2463	7.7	32
99	Multicolor Printing Using Electric-Field-Responsive and Photocurable Photonic Crystals. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1702825	15.6	113
98	Discovery and ramifications of incidental Magn $\eta$ phase generation and release from industrial coal-burning. <i>Nature Communications</i> , <b>2017</b> , 8, 194	17.4	30
97	Osteoprotegerin deficiency leads to deformation of the articular cartilage in femoral head. <i>Journal of Molecular Histology</i> , <b>2016</b> , 47, 475-83	3.3	3
96	Photonic Crystal Based Anti-Counterfeiting Materials. <i>Springer Series in Materials Science</i> , <b>2016</b> , 159-188	0.9	0
95	Controlled synthesis of Fe <sub>3</sub> O <sub>4</sub> /ZIF-8 nanoparticles for magnetically separable nanocatalysts. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 6879-87	4.8	47
94	Soaking based invisible photonic print with a fast response and high resolution. <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 8097-8103	7.1	33
93	Photonic sensing of organic solvents through geometric study of dynamic reflection spectrum. <i>Nature Communications</i> , <b>2015</b> , 6, 7510	17.4	132
92	Synergetic enhancement of photocatalytic activity with a photonic crystal film as a catalyst support. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 21439-21443	13	27
91	Old relief printing applied to the current preparation of multi-color and high resolution colloidal photonic crystal patterns. <i>Chemical Communications</i> , <b>2015</b> , 51, 16972-5	5.8	28
90	Confined growth of CdSe quantum dots in colloidal mesoporous silica for multifunctional nanostructures. <i>Science China Materials</i> , <b>2015</b> , 58, 481-489	7.1	8
89	One-pot and general synthesis of crystalline mesoporous metal oxides nanoparticles by protective etching: potential materials for catalytic applications. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 1133-1141	13	20
88	A polycrystalline SiO <sub>2</sub> colloidal crystal film with ultra-narrow reflections. <i>Chemical Communications</i> , <b>2015</b> , 51, 7382-5	5.8	26
87	Ag <sub>3</sub> PO <sub>4</sub> colloidal nanocrystal clusters with controllable shape and superior photocatalytic activity. <i>Nano Research</i> , <b>2015</b> , 8, 106-116	10	33
86	Invisible Photonic Prints Shown by Deformation. <i>Advanced Functional Materials</i> , <b>2014</b> , 24, 6430-6438	15.6	115
85	From Metastable Colloidal Crystalline Arrays to Fast Responsive Mechanochromic Photonic Gels: An Organic Gel for Deformation-Based Display Panels. <i>Advanced Functional Materials</i> , <b>2014</b> , 24, 3197-3205	15.6	147

84	Polymerization-Induced Colloidal Assembly and Photonic Crystal Multilayer for Coding and Decoding. <i>Advanced Functional Materials</i> , <b>2014</b> , 24, 817-825	15.6	48
83	Fe <sub>3</sub> O <sub>4</sub> @Ag heterostructure nanocrystals with tunable Ag domains and magnetic properties. <i>CrystEngComm</i> , <b>2013</b> , 15, 3575	3.3	15
82	Electric field tuning of magnetically assembled photonic crystals. <i>Journal of Materials Chemistry C</i> , <b>2013</b> , 1, 6129	7.1	19
81	When mesoporous silica meets the alkaline polyelectrolyte: a controllable synthesis of functional and hollow nanostructures with a porous shell. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 2142-9	4.8	26
80	Solvent wrapped metastable colloidal crystals: highly mutable colloidal assemblies sensitive to weak external disturbance. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 18370-6	16.4	64
79	Controlled deposition of ultra-small Ag particles on TiO <sub>2</sub> nanorods: oxide/metal hetero-nanostructures with improved catalytic activity. <i>CrystEngComm</i> , <b>2013</b> , 15, 7230	3.3	14
78	Tuning the transmittance of colloidal solution by changing the orientation of Ag nanoplates in ferrofluid. <i>Langmuir</i> , <b>2012</b> , 28, 13112-7	4	20
77	Invisible photonic prints shown by water. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 367-372		93
76	Magnetic assembly route to colloidal responsive photonic nanostructures. <i>Accounts of Chemical Research</i> , <b>2012</b> , 45, 1431-40	24.3	265
75	The magnetic assembly of polymer colloids in a ferrofluid and its display applications. <i>Nanoscale</i> , <b>2012</b> , 4, 1598-605	7.7	27
74	Synthesis of Stable SiO <sub>2</sub> @Au-Nanoring Colloids as Recyclable Catalysts: Galvanic Replacement Taking Place on the Surface. <i>Journal of Physical Chemistry C</i> , <b>2012</b> , 116, 10753-10759	3.8	50
73	MAGNETICALLY TUNABLE COLLOIDAL PHOTONIC CRYSTALS <b>2011</b> , 1-35		
72	New nanostructured heterogeneous catalysts with increased selectivity and stability. <i>Physical Chemistry Chemical Physics</i> , <b>2011</b> , 13, 2449-56	3.6	101
71	Multifunctional polyethylenimine-conjugated superparamagnetic nanoparticles for drug delivery and imaging. <i>Journal of Controlled Release</i> , <b>2011</b> , 152 Suppl 1, e58-60	11.7	5
70	Magnetically assembled photonic crystal film for humidity sensing. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 3672		135
69	Magnetically induced colloidal assembly into field-responsive photonic structures. <i>Nanoscale</i> , <b>2011</b> , 3, 177-83	7.7	71
68	Encapsulation of supported Pt nanoparticles with mesoporous silica for increased catalyst stability. <i>Nano Research</i> , <b>2011</b> , 4, 115-123	10	94
67	Responsive photonische Kristalle. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 1530-1561	3.6	68

66	Responsive photonic crystals. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 1492-522	16.4	846
65	Photonic printing through the orientational tuning of photonic structures and its application to anticounterfeiting labels. <i>Langmuir</i> , <b>2011</b> , 27, 5694-9	4	74
64	One-pot synthesis and optical property of copper(I) sulfide nanodisks. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 6601-8	5.1	85
63	Niche applications of magnetically responsive photonic structures. <i>Journal of Materials Chemistry</i> , <b>2010</b> , 20, 5777		37
62	Magnetic assembly of nonmagnetic particles into photonic crystal structures. <i>Nano Letters</i> , <b>2010</b> , 10, 4708-14	11.5	79
61	Surface-Protected Etching of Mesoporous Oxide Shells for the Stabilization of Metal Nanocatalysts. <i>Advanced Functional Materials</i> , <b>2010</b> , 20, 2201-2214	15.6	210
60	Tailored synthesis of superparamagnetic gold nanoshells with tunable optical properties. <i>Advanced Materials</i> , <b>2010</b> , 22, 1905-9	24	123
59	Magnetically recoverable core-shell nanocomposites with enhanced photocatalytic activity. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 6243-50	4.8	285
58	Advanced Polymer Nanoparticles with Nonspherical Morphologies <b>2010</b> , 61-95		
57	Rewritable Photonic Paper with Hygroscopic Salt Solution as Ink. <i>Advanced Materials</i> , <b>2009</b> , 21, 4259-4264	24	204
56	Fluorescence Signal Amplification by Cation Exchange in Ionic Nanocrystals. <i>Angewandte Chemie</i> , <b>2009</b> , 121, 1616-1619	3.6	7
55	Reconstruction of Silver Nanoplates by UV Irradiation: Tailored Optical Properties and Enhanced Stability. <i>Angewandte Chemie</i> , <b>2009</b> , 121, 3568-3571	3.6	54
54	Fluorescence signal amplification by cation exchange in ionic nanocrystals. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 1588-91	16.4	55
53	Reconstruction of silver nanoplates by UV irradiation: tailored optical properties and enhanced stability. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 3516-9	16.4	219
52	Rattle-type silica colloidal particles prepared by a surface-protected etching process. <i>Nano Research</i> , <b>2009</b> , 2, 583-591	10	164
51	Structural colour printing using a magnetically tunable and lithographically fixable photonic crystal. <i>Nature Photonics</i> , <b>2009</b> , 3, 534-540	33.9	515
50	Assembly of magnetically tunable photonic crystals in nonpolar solvents. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 3484-6	16.4	155
49	Magnetochromatic microspheres: rotating photonic crystals. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 15687-94	16.4	214

48	A Self-Templated Route to Hollow Silica Microspheres. <i>Journal of Physical Chemistry C</i> , <b>2009</b> , 113, 3168-3175	18.5	201
47	Self-assembly and tunable plasmonic property of gold nanoparticles on mercapto-silica microspheres. <i>Journal of Materials Chemistry</i> , <b>2009</b> , 19, 4597		41
46	PDMS rubber as a single-source precursor for templated growth of silica nanotubes. <i>Chemical Communications</i> , <b>2009</b> , 914-6	5.8	14
45	Permeable silica shell through surface-protected etching. <i>Nano Letters</i> , <b>2008</b> , 8, 2867-71	11.5	526
44	Hierarchical magnetite/silica nanoassemblies as magnetically recoverable catalyst-supports. <i>Nano Letters</i> , <b>2008</b> , 8, 931-4	11.5	236
43	Self-assembly and field-responsive optical diffractions of superparamagnetic colloids. <i>Langmuir</i> , <b>2008</b> , 24, 3671-80	4	114
42	Multiplexed affinity-based protein complex purification. <i>Analytical Chemistry</i> , <b>2008</b> , 80, 7068-74	7.8	14
41	Formation of hollow silica colloids through a spontaneous dissolution-regrowth process. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 5806-11	16.4	283
40	Core-satellite nanocomposite catalysts protected by a porous silica shell: controllable reactivity, high stability, and magnetic recyclability. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 8924-8	16.4	421
39	Magnetically Tunable Colloidal Photonic Structures in Alkanol Solutions. <i>Advanced Materials</i> , <b>2008</b> , 20, 3485-3491	24	260
38	A Blown Film Process to Disk-Shaped Polymer Ellipsoids. <i>Advanced Materials</i> , <b>2008</b> , 20, 4599-4602	24	43
37	Formation of Hollow Silica Colloids through a Spontaneous Dissolution/Regrowth Process. <i>Angewandte Chemie</i> , <b>2008</b> , 120, 5890-5895	3.6	69
36	Core/Satellite Nanocomposite Catalysts Protected by a Porous Silica Shell: Controllable Reactivity, High Stability, and Magnetic Recyclability. <i>Angewandte Chemie</i> , <b>2008</b> , 120, 9056-9060	3.6	143
35	Size-controlled synthesis of highly water-soluble silver nanocrystals. <i>Journal of Solid State Chemistry</i> , <b>2008</b> , 181, 1524-1529	3.3	40
34	Magnetically responsive colloidal photonic crystals. <i>Journal of Materials Chemistry</i> , <b>2008</b> , 18, 5041		110
33	A self-templated approach to TiO <sub>2</sub> microcapsules. <i>Nano Letters</i> , <b>2007</b> , 7, 1832-6	11.5	130
32	One-step synthesis of highly water-soluble magnetite colloidal nanocrystals. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 7153-61	4.8	204
31	Superparamagnetic magnetite colloidal nanocrystal clusters. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 4342-5	16.4	821

30	Highly tunable superparamagnetic colloidal photonic crystals. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 7428-31	16.4	446
29	Inside Cover: Highly Tunable Superparamagnetic Colloidal Photonic Crystals (Angew. Chem. Int. Ed. 39/2007). <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 7334-7334	16.4	1
28	Superparamagnetic Magnetite Colloidal Nanocrystal Clusters. <i>Angewandte Chemie</i> , <b>2007</b> , 119, 4420-4423	3.6	77
27	Highly Tunable Superparamagnetic Colloidal Photonic Crystals. <i>Angewandte Chemie</i> , <b>2007</b> , 119, 7572-7575	3.6	123
26	Innentitelbild: Highly Tunable Superparamagnetic Colloidal Photonic Crystals (Angew. Chem. 39/2007). <i>Angewandte Chemie</i> , <b>2007</b> , 119, 7476-7476	3.6	
25	A general approach for transferring hydrophobic nanocrystals into water. <i>Nano Letters</i> , <b>2007</b> , 7, 3203-7	11.5	325
24	Superparamagnetic composite colloids with anisotropic structures. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 8974-5	16.4	209
23	A positive-microemulsion method for preparing nearly uniform Ag <sub>2</sub> Se nanoparticles at low temperature. <i>Chemistry - A European Journal</i> , <b>2006</b> , 12, 3672-7	4.8	53
22	Formation of disperse nanoparticles at the oil/water interface in normal microemulsions. <i>Chemistry - A European Journal</i> , <b>2006</b> , 12, 6552-8	4.8	70
21	Atmospheric pressure chemical vapour deposition synthesis of sulfides, oxides, silicides and metal nanowires with metal chloride precursors. <i>Nanotechnology</i> , <b>2006</b> , 17, S253-S261	3.4	15
20	Solvothermal synthesis of monodisperse PbSe nanocrystals. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 2497-501	3.4	77
19	Synthesis of CdSe, ZnSe, and Zn <sub>x</sub> Cd <sub>1-x</sub> Se nanocrystals and their silica sheathed core/shell structures. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 4922-7	5.1	56
18	A vapor-solid strategy to silica sheathed metal nanostructures and microstructures via reactions of metal chlorides with silicon. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 807-11	3.4	6
17	Mn-doped silicate micro/nanowire bundles on silicon wafers: synthesis and visible luminescence. <i>Small</i> , <b>2006</b> , 2, 257-60	11	16
16	High ethanol sensitive SnO <sub>2</sub> microspheres. <i>Sensors and Actuators B: Chemical</i> , <b>2006</b> , 113, 937-943	8.5	105
15	Geometrically kinetic competition mechanism to shape control on digenite nanocrystals with silica vapor in APCVD. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 14107-13	3.4	9
14	High-Temperature Growth of Silica Sheathed Bi <sub>2</sub> S <sub>3</sub> Semiconductor Nanowires. <i>Chemical Vapor Deposition</i> , <b>2005</b> , 11, 147-152		14
13	Halide-Transport Chemical Vapor Deposition of Luminescent ZnS:Mn <sup>2+</sup> One-Dimensional Nanostructures. <i>Advanced Functional Materials</i> , <b>2005</b> , 15, 303-308	15.6	74



12	Orthogonal PbS nanowire arrays and networks and their Raman scattering behavior. <i>Chemistry - A European Journal</i> , <b>2005</b> , 11, 1889-94	4.8	121
11	Silica-sheathed pyrrhotite nanowires: Synthesis and mechanism. <i>Journal of Physical Chemistry B</i> , <b>2005</b> , 109, 11585-91	3.4	14
10	Selective Atmospheric Pressure Chemical Vapor Deposition Route to CdS Arrays, Nanowires, and Nanocombs. <i>Advanced Functional Materials</i> , <b>2004</b> , 14, 157-162	15.6	124
9	A general atmospheric pressure chemical vapor deposition synthesis and crystallographic study of transition-metal sulfide one-dimensional nanostructures. <i>Chemistry - A European Journal</i> , <b>2004</b> , 10, 3525-30	4.8	40
8	Atmospheric pressure chemical vapor deposition: an alternative route to large-scale MoS <sub>2</sub> and WS <sub>2</sub> inorganic fullerene-like nanostructures and nanoflowers. <i>Chemistry - A European Journal</i> , <b>2004</b> , 10, 6163-71	4.8	138
7	Ultrasonic synthesis of nanocrystals of metal selenides and tellurides. <i>Journal of Materials Chemistry</i> , <b>2003</b> , 13, 911-915		50
6	Controllable CVD route to CoS and MnS single-crystal nanowires. <i>Chemical Communications</i> , <b>2003</b> , 2498-9	9.8	41
5	Mechanism of aqueous ultrasonic reaction: controlled synthesis, luminescence properties of amorphous cluster and nanocrystalline CdSe. <i>Chemical Communications</i> , <b>2002</b> , 1826-7	5.8	35
4	Precise Assembly of Highly Crystalline Colloidal Photonic Crystals inside the Polyester Yarns: A Spray Coating Synthesis for Breathable and Durable Fabrics with Saturated Structural Colors. <i>Advanced Functional Materials</i> , <b>2003</b> , 13, 2200-30	15.6	5
3	Highly dispersed Ni/MgO-mSiO <sub>2</sub> catalysts with excellent activity and stability for dry reforming of methane. <i>Nano Research</i> , <b>2009</b> , 2, 100-10	10	1
2	Synthesis of Fe-doped carbon hybrid composed of CNT/flake-like carbon for catalyzing oxygen reduction. <i>Nano Research</i> , <b>2009</b> , 2, 100-10	10	0
1	Converting CO <sub>2</sub> Hydrogenation Products from Paraffins to Olefins: Modification of Zeolite Surface Properties by a UIO-n Membrane. <i>ACS Catalysis</i> , <b>2011</b> , 1, 5894-5902	13.1	1