

# Shao-Wen Cao

## List of Publications by Year in descending order

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120  
papers

21,052  
citations

13068

68  
h-index

18606

119  
g-index

126  
all docs

126  
docs citations

126  
times ranked

18653  
citing authors

#	ARTICLE	IF	CITATIONS
1	Donor-acceptor Modification of Carbon Nitride for Enhanced Photocatalytic Hydrogen Evolution. <i>Advanced Sustainable Systems</i> , 2023, 7, .	2.7	14
2	An electrochemically reconstructed WC/WO <sub>2</sub> -WO <sub>3</sub> heterostructure as a highly efficient hydrogen oxidation electrocatalyst. <i>Journal of Materials Chemistry A</i> , 2022, 10, 622-631.	5.2	15
3	CsPbBr <sub>3</sub> perovskite based tandem device for CO <sub>2</sub> photoreduction. <i>Chemical Engineering Journal</i> , 2022, 443, 136447.	6.6	8
4	Promoting intramolecular charge transfer of graphitic carbon nitride by donor-acceptor modulation for visible-light photocatalytic H <sub>2</sub> evolution. , 2022, 1, 294-308.		92
5	Advances in designing heterojunction photocatalytic materials. <i>Chinese Journal of Catalysis</i> , 2021, 42, 710-730.	6.9	182
6	All-organic Z-scheme photoreduction of CO <sub>2</sub> with water as the donor of electrons and protons. <i>Applied Catalysis B: Environmental</i> , 2021, 285, 119773.	10.8	19
7	Light-driven directional ion transport for enhanced osmotic energy harvesting. <i>National Science Review</i> , 2021, 8, nwa231.	4.6	24
8	Dual synergetic catalytic effects boost hydrogen electric oxidation performance of Pd/W18O <sub>49</sub> . <i>Nano Research</i> , 2021, 14, 2441-2450.	5.8	15
9	An Inorganic/Organic S-scheme Heterojunction H <sub>2</sub> -Production Photocatalyst and its Charge Transfer Mechanism. <i>Advanced Materials</i> , 2021, 33, e2100317.	11.1	528
10	Ultra-Thin Carbon-Doped Bi <sub>2</sub> WO <sub>6</sub> Nanosheets for Enhanced Photocatalytic CO <sub>2</sub> Reduction. <i>Transactions of Tianjin University</i> , 2021, 27, 338-347.	3.3	29
11	A 3D Hierarchical Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> /TiO <sub>2</sub> Heterojunction for Enhanced Photocatalytic CO <sub>2</sub> Reduction. <i>ChemNanoMat</i> , 2021, 7, 910-915.	1.5	14
12	Ultrathin 2D/2D Graphdiyne/Bi <sub>2</sub> WO <sub>6</sub> Heterojunction for Gas-Phase CO <sub>2</sub> Photoreduction. <i>ACS Applied Energy Materials</i> , 2021, 4, 8734-8738.	2.5	23
13	Solar-Driven Glucose Isomerization into Fructose via Transient Lewis Acid-Base Active Sites. <i>ACS Catalysis</i> , 2021, 11, 12170-12178.	5.5	36
14	Potassium/oxygen co-doped polymeric carbon nitride for enhanced photocatalytic CO <sub>2</sub> reduction. <i>Applied Surface Science</i> , 2021, 563, 150310.	3.1	18
15	Environmental phosphorylation boosting photocatalytic CO <sub>2</sub> reduction over polymeric carbon nitride grown on carbon paper at air-liquid-solid joint interfaces. <i>Chinese Journal of Catalysis</i> , 2021, 42, 1667-1676.	6.9	33
16	Nanocages of Polymeric Carbon Nitride from Low-Temperature Supramolecular Preorganization for Photocatalytic CO <sub>2</sub> Reduction. <i>Solar Rrl</i> , 2020, 4, 1900469.	3.1	38
17	Two-dimensional gersiloxenes with tunable band gap as new photocatalysts. <i>Rare Metals</i> , 2020, 39, 610-612.	3.6	14
18	Enhanced photochemical CO <sub>2</sub> reduction in the gas phase by graphdiyne. <i>Journal of Materials Chemistry A</i> , 2020, 8, 7671-7676.	5.2	52

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19	A New Conducting Polymer with Exceptional Visible-Light Photocatalytic Activity Derived from Barbituric Acid Polycondensation. <i>Advanced Materials</i> , 2020, 32, e1907702.	11.1	20
20	A Single Cu-Center Containing Enzyme-Mimic Enabling Full Photosynthesis under CO <sub>2</sub> Reduction. <i>ACS Nano</i> , 2020, 14, 8584-8593.	7.3	166
21	Designing a OD/2D S <sub>2</sub> S <sub>2</sub> Scheme Heterojunction over Polymeric Carbon Nitride for Visible-Light Photocatalytic Inactivation of Bacteria. <i>Angewandte Chemie</i> , 2020, 132, 5256-5263.	1.6	14
22	Designing a OD/2D S <sub>2</sub> S <sub>2</sub> Scheme Heterojunction over Polymeric Carbon Nitride for Visible-Light Photocatalytic Inactivation of Bacteria. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 5218-5225.	7.2	822
23	Improving Artificial Photosynthesis over Carbon Nitride by Gas-Liquid-Solid Interface Management for Full Light-Induced CO <sub>2</sub> Reduction to C <sub>1</sub> and C <sub>2</sub> Fuels and O <sub>2</sub> . <i>ChemSusChem</i> , 2020, 13, 1730-1734.	3.6	59
24	Controlling defects in crystalline carbon nitride to optimize photocatalytic CO <sub>2</sub> reduction. <i>Chemical Communications</i> , 2020, 56, 5641-5644.	2.2	83
25	MnCo Oxides Supported on Carbon Fibers for High-Performance Supercapacitors. <i>Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica</i> , 2020, 36, 1907072-0.	2.2	16
26	2D/2D FeNi-LDH/g-C <sub>3</sub> N <sub>4</sub> Hybrid Photocatalyst for Enhanced CO <sub>2</sub> Photoreduction. <i>Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica</i> , 2020, .	2.2	10
27	Photocatalysts based on polymeric carbon nitride for solar-to-fuel conversion. <i>Interface Science and Technology</i> , 2020, 31, 475-507.	1.6	2
28	Highly Selective CO <sub>2</sub> Capture and Its Direct Photochemical Conversion on Ordered 2D/1D Heterojunctions. <i>Joule</i> , 2019, 3, 2792-2805.	11.7	189
29	Ni-P cluster modified carbon nitride toward efficient photocatalytic hydrogen production. <i>Chinese Journal of Catalysis</i> , 2019, 40, 867-874.	6.9	73
30	Designing Defective Crystalline Carbon Nitride to Enable Selective CO <sub>2</sub> Photoreduction in the Gas Phase. <i>Advanced Functional Materials</i> , 2019, 29, 1900093.	7.8	254
31	2D/2D Heterojunction of Ultrathin MXene/Bi <sub>2</sub> WO <sub>6</sub> Nanosheets for Improved Photocatalytic CO <sub>2</sub> Reduction. <i>Advanced Functional Materials</i> , 2018, 28, 1800136.	7.8	1,157
32	Effect of sacrificial agents on the dispersion of metal cocatalysts for photocatalytic hydrogen evolution. <i>Applied Surface Science</i> , 2018, 442, 361-367.	3.1	33
33	Dependence of Exposed Facet of Pd on Photocatalytic H <sub>2</sub> -Production Activity. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 6478-6487.	3.2	41
34	Photocatalysis: Single-Atom Engineering of Directional Charge Transfer Channels and Active Sites for Photocatalytic Hydrogen Evolution ( <i>Adv. Funct. Mater.</i> 32/2018). <i>Advanced Functional Materials</i> , 2018, 28, 1870224.	7.8	6
35	Single-Atom Engineering of Directional Charge Transfer Channels and Active Sites for Photocatalytic Hydrogen Evolution. <i>Advanced Functional Materials</i> , 2018, 28, 1802169.	7.8	287
36	Hierarchical hollow cages of Mn-Co layered double hydroxide as supercapacitor electrode materials. <i>Applied Surface Science</i> , 2017, 413, 35-40.	3.1	98

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37	From Millimeter to Subnanometer: Vapor-Phase Solid Deposition of Carbon Nitride Hierarchical Nanostructures Directed by Supramolecular Assembly. <i>Angewandte Chemie</i> , 2017, 129, 8546-8550.	1.6	16
38	Trace-level phosphorus and sodium co-doping of g-C <sub>3</sub> N <sub>4</sub> for enhanced photocatalytic H <sub>2</sub> production. <i>Journal of Power Sources</i> , 2017, 351, 151-159.	4.0	205
39	Facet effect of Pd cocatalyst on photocatalytic CO <sub>2</sub> reduction over g-C <sub>3</sub> N <sub>4</sub> . <i>Journal of Catalysis</i> , 2017, 349, 208-217.	3.1	332
40	From Millimeter to Subnanometer: Vapor-Phase Solid Deposition of Carbon Nitride Hierarchical Nanostructures Directed by Supramolecular Assembly. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8426-8430.	7.2	90
41	Cu <sub>2</sub> (OH) <sub>2</sub> CO <sub>3</sub> clusters: Novel noble-metal-free cocatalysts for efficient photocatalytic hydrogen production from water splitting. <i>Applied Catalysis B: Environmental</i> , 2017, 205, 104-111.	10.8	137
42	Ultra-thin nanosheet assemblies of graphitic carbon nitride for enhanced photocatalytic CO <sub>2</sub> reduction. <i>Journal of Materials Chemistry A</i> , 2017, 5, 3230-3238.	5.2	621
43	A comparison study of alkali metal-doped g-C <sub>3</sub> N <sub>4</sub> for visible-light photocatalytic hydrogen evolution. <i>Chinese Journal of Catalysis</i> , 2017, 38, 1981-1989.	6.9	244
44	Recent Advances in Morphology Control and Surface Modification of Bi-Based Photocatalysts. <i>Wuli Huaxue Xuebao/ Acta Physico-Chimica Sinica</i> , 2016, 32, 2841-2870.	2.2	85
45	Carbon-based H <sub>2</sub> -production photocatalytic materials. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2016, 27, 72-99.	5.6	252
46	Corrosion mechanism of E-glass of chemical resistance glass fiber in acid environment. <i>Journal of Wuhan University of Technology, Materials Science Edition</i> , 2016, 31, 872-876.	0.4	13
47	Synthesis of Organized Layered Carbon by Self-templating of Dithioamide. <i>Advanced Materials</i> , 2016, 28, 6727-6733.	11.1	59
48	Room-temperature synthesis of BiOI with tailorable (0 0 1) facets and enhanced photocatalytic activity. <i>Journal of Colloid and Interface Science</i> , 2016, 478, 201-208.	5.0	74
49	Size- and shape-dependent catalytic performances of oxidation and reduction reactions on nanocatalysts. <i>Chemical Society Reviews</i> , 2016, 45, 4747-4765.	18.7	568
50	Shape-dependent photocatalytic hydrogen evolution activity over a Pt nanoparticle coupled g-C <sub>3</sub> N <sub>4</sub> photocatalyst. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 19457-19463.	1.3	190
51	TiO <sub>2</sub> nanosheets with exposed {001} facets for photocatalytic applications. <i>Nano Research</i> , 2016, 9, 3-27.	5.8	327
52	Au/PtO nanoparticle-modified g-C <sub>3</sub> N <sub>4</sub> for plasmon-enhanced photocatalytic hydrogen evolution under visible light. <i>Journal of Colloid and Interface Science</i> , 2016, 461, 56-63.	5.0	169
53	Microwave-assisted solvothermal synthesis of Bi <sub>4</sub> O <sub>5</sub> I <sub>2</sub> hierarchical architectures with high photocatalytic performance. <i>Catalysis Today</i> , 2016, 264, 221-228.	2.2	100
54	Structure effect of graphene on the photocatalytic performance of plasmonic Ag/Ag <sub>2</sub> CO <sub>3</sub> -rGO for photocatalytic elimination of pollutants. <i>Applied Catalysis B: Environmental</i> , 2016, 181, 71-78.	10.8	219

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55	Supramolecular Chemistry in Molten Sulfur: Preorganization Effects Leading to Marked Enhancement of Carbon Nitride Photoelectrochemistry. <i>Advanced Functional Materials</i> , 2015, 25, 6265-6271.	7.8	89
56	Spectroscopy Applied to Engineering Materials. <i>Journal of Spectroscopy</i> , 2015, 2015, 1-2.	0.6	1
57	Polymeric Photocatalysts Based on Graphitic Carbon Nitride. <i>Advanced Materials</i> , 2015, 27, 2150-2176.	11.1	3,046
58	Dual Z-scheme charge transfer in TiO <sub>2</sub> @Ag@Cu <sub>2</sub> O composite for enhanced photocatalytic hydrogen generation. <i>Journal of Materiomics</i> , 2015, 1, 124-133.	2.8	86
59	A $\alpha$ -uniform heterogeneous photocatalyst: integrated n type CuInS <sub>2</sub> /NaInS <sub>2</sub> nanosheets by partial ion exchange reaction for efficient H <sub>2</sub> evolution. <i>Chemical Communications</i> , 2015, 51, 9381-9384.	2.2	22
60	Efficient photocatalytic reduction of CO <sub>2</sub> by amine-functionalized g-C <sub>3</sub> N <sub>4</sub> . <i>Applied Surface Science</i> , 2015, 358, 350-355.	3.1	229
61	3D BiOI@GO composite with enhanced photocatalytic performance for phenol degradation under visible-light. <i>Ceramics International</i> , 2015, 41, 3511-3517.	2.3	74
62	Semiconductor-based photocatalytic CO <sub>2</sub> conversion. <i>Materials Horizons</i> , 2015, 2, 261-278.	6.4	380
63	Improving photocatalytic hydrogen production of metal-organic framework UiO-66 octahedrons by dye-sensitization. <i>Applied Catalysis B: Environmental</i> , 2015, 168-169, 572-576.	10.8	252
64	g-C <sub>3</sub> N <sub>4</sub> modified TiO <sub>2</sub> nanosheets with enhanced photoelectric conversion efficiency in dye-sensitized solar cells. <i>Journal of Power Sources</i> , 2015, 274, 77-84.	4.0	241
65	Selective photocatalytic decomposition of formic acid over AuPd nanoparticle-decorated TiO <sub>2</sub> nanofibers toward high-yield hydrogen production. <i>Applied Catalysis B: Environmental</i> , 2015, 162, 204-209.	10.8	107
66	Enhanced photocatalytic activity and stability of Z-scheme Ag <sub>2</sub> CrO <sub>4</sub> -GO composite photocatalysts for organic pollutant degradation. <i>Applied Catalysis B: Environmental</i> , 2015, 164, 380-388.	10.8	483
67	Development and Fabrication of Advanced Materials for Energy and Environment Applications 2014. <i>Journal of Nanomaterials</i> , 2014, 2014, 1-2.	1.5	0
68	Microwave-assisted heating synthesis: a general and rapid strategy for large-scale production of highly crystalline g-C <sub>3</sub> N <sub>4</sub> with enhanced photocatalytic H <sub>2</sub> production. <i>Green Chemistry</i> , 2014, 16, 4663-4668.	4.6	166
69	Rational Synthesis of Triangular Au@Ag <sub>2</sub> S Hybrid Nanoframes with Effective Photoresponses. <i>Chemistry - A European Journal</i> , 2014, 20, 2742-2745.	1.7	22
70	Solar-to-fuels conversion over In <sub>2</sub> O <sub>3</sub> /g-C <sub>3</sub> N <sub>4</sub> hybrid photocatalysts. <i>Applied Catalysis B: Environmental</i> , 2014, 147, 940-946.	10.8	398
71	Noble-metal-free g-C <sub>3</sub> N <sub>4</sub> /Ni(dmgh) <sub>2</sub> composite for efficient photocatalytic hydrogen evolution under visible light irradiation. <i>Applied Surface Science</i> , 2014, 319, 344-349.	3.1	169
72	Enhanced visible-light-driven photocatalytic hydrogen generation over g-C <sub>3</sub> N <sub>4</sub> through loading the noble metal-free NiS <sub>2</sub> cocatalyst. <i>RSC Advances</i> , 2014, 4, 6127.	1.7	136

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73	Direct evidence of plasmon enhancement on photocatalytic hydrogen generation over Au/Pt-decorated TiO <sub>2</sub> nanofibers. <i>Nanoscale</i> , 2014, 6, 5217-5222.	2.8	143
74	Enhanced photocatalytic CO <sub>2</sub> -reduction activity of electrospun mesoporous TiO <sub>2</sub> nanofibers by solvothermal treatment. <i>Dalton Transactions</i> , 2014, 43, 9158.	1.6	105
75	Efficient CO <sub>2</sub> Capture and Photoreduction by Amine-Functionalized TiO <sub>2</sub> . <i>Chemistry - A European Journal</i> , 2014, 20, 10220-10222.	1.7	95
76	A strategy for in-situ synthesis of well-defined core-shell Au@TiO <sub>2</sub> hollow spheres for enhanced photocatalytic hydrogen evolution. <i>Chemical Engineering Journal</i> , 2014, 257, 112-121.	6.6	51
77	Recent advances in visible light Bi-based photocatalysts. <i>Chinese Journal of Catalysis</i> , 2014, 35, 989-1007.	6.9	481
78	Two-dimensional layered composite photocatalysts. <i>Chemical Communications</i> , 2014, 50, 10768.	2.2	551
79	g-C <sub>3</sub> N <sub>4</sub> -Based Photocatalysts for Hydrogen Generation. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 2101-2107.	2.1	1,107
80	Vectorial doping-promoting charge transfer in anatase TiO <sub>2</sub> {001} surface. <i>Applied Surface Science</i> , 2014, 319, 167-172.	3.1	55
81	Dye-sensitized Pt@TiO <sub>2</sub> core-shell nanostructures for the efficient photocatalytic generation of hydrogen. <i>Beilstein Journal of Nanotechnology</i> , 2014, 5, 360-364.	1.5	18
82	Effects of the preparation method on the structure and the visible-light photocatalytic activity of Ag <sub>2</sub> CrO <sub>4</sub> . <i>Beilstein Journal of Nanotechnology</i> , 2014, 5, 658-666.	1.5	76
83	Au@TiO <sub>2</sub> -CdS Ternary Nanostructures for Efficient Visible-Light-Driven Hydrogen Generation. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 8088-8092.	4.0	177
84	Ion-Induced Synthesis of Uniform Single-Crystalline Sulphide-Based Quaternary Alloy Hexagonal Nanorings for Highly Efficient Photocatalytic Hydrogen Evolution. <i>Advanced Materials</i> , 2013, 25, 2567-2572.	11.1	45
85	Nanoparticle heterojunctions in Zn-ZnO hybrid nanowires for visible-light-driven photocatalytic hydrogen generation. <i>CrystEngComm</i> , 2013, 15, 5688.	1.3	77
86	Artificial photosynthetic hydrogen evolution over g-C <sub>3</sub> N <sub>4</sub> nanosheets coupled with cobaloxime. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 18363.	1.3	101
87	Large impact of heating time on physical properties and photocatalytic H <sub>2</sub> production of g-C <sub>3</sub> N <sub>4</sub> nanosheets synthesized through urea polymerization in Ar atmosphere. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 13159-13163.	3.8	103
88	In-situ growth of CdS quantum dots on g-C <sub>3</sub> N <sub>4</sub> nanosheets for highly efficient photocatalytic hydrogen generation under visible light irradiation. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 1258-1266.	3.8	339
89	NiS <sub>2</sub> Co-catalyst decoration on CdLa <sub>2</sub> S <sub>4</sub> nanocrystals for efficient photocatalytic hydrogen generation under visible light irradiation. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 7218-7223.	3.8	76
90	Red phosphor/g-C <sub>3</sub> N <sub>4</sub> heterojunction with enhanced photocatalytic activities for solar fuels production. <i>Applied Catalysis B: Environmental</i> , 2013, 140-141, 164-168.	10.8	219

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91	Molecule-Based Water-Oxidation Catalysts (WOCs): Cluster-Size-Dependent Dye-Sensitized Polyoxometalates for Visible-Light-Driven O <sub>2</sub> Evolution. <i>Scientific Reports</i> , 2013, 3, 1853.	1.6	69
92	Au/Pt Nanoparticle-Decorated TiO <sub>2</sub> Nanofibers with Plasmon-Enhanced Photocatalytic Activities for Solar-to-Fuel Conversion. <i>Journal of Physical Chemistry C</i> , 2013, 117, 25939-25947.	1.5	277
93	Surfactant-Free Sub-2 nm Ultrathin Triangular Gold Nanoframes. <i>Small</i> , 2013, 9, 2880-2886.	5.2	66
94	Development and Fabrication of Advanced Materials for Energy and Environment Applications. <i>Journal of Nanomaterials</i> , 2013, 2013, 1-2.	1.5	8
95	Plasmon-Enhanced Hydrogen Evolution on Au-InVO <sub>4</sub> Hybrid Microspheres. <i>RSC Advances</i> , 2012, 2, 5513.	1.7	40
96	Preparation of Au-BiVO <sub>4</sub> Heterogeneous Nanostructures as Highly Efficient Visible-Light Photocatalysts. <i>ACS Applied Materials &amp; Interfaces</i> , 2012, 4, 418-423.	4.0	259
97	Mesoporous plasmonic Au@TiO <sub>2</sub> nanocomposites for efficient visible-light-driven photocatalytic water reduction. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 17853-17861.	3.8	151
98	In situ growth of Au nanoparticles on Fe <sub>2</sub> O <sub>3</sub> nanocrystals for catalytic applications. <i>CrystEngComm</i> , 2012, 14, 7229.	1.3	48
99	Gold Coating of Silver Nanoprisms. <i>Advanced Functional Materials</i> , 2012, 22, 849-854.	7.8	116
100	Monodisperse $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> Mesoporous Microspheres: One-Step NaCl-Assisted Microwave-Solvothermal Preparation, Size Control and Photocatalytic Property. <i>Nanoscale Research Letters</i> , 2011, 6, 1.	3.1	452
101	Calcium phosphate drug nanocarriers with ultrahigh and adjustable drug-loading capacity: One-step synthesis, in situ drug loading and prolonged drug release. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2011, 7, 428-434.	1.7	47
102	Preparation, Characterization and Application of Hollow Microspheres Assembled with Nanocrystals of Iron Oxides. <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , 2011, 26, 458-466.	0.6	2
103	Preparation and photocatalytic property of $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> hollow core/shell hierarchical nanostructures. <i>Journal of Physics and Chemistry of Solids</i> , 2010, 71, 1680-1683.	1.9	33
104	Preparation and Sustained-Release Property of Triblock Copolymer/Calcium Phosphate Nanocomposite as Nanocarrier for Hydrophobic Drug. <i>Nanoscale Research Letters</i> , 2010, 5, 781-785.	3.1	38
105	Calcium phosphate/block copolymer hybrid porous nanospheres: Preparation and application in drug delivery. <i>Materials Letters</i> , 2010, 64, 2299-2301.	1.3	21
106	Hierachically Nanostructured Mesoporous Spheres of Calcium Silicate Hydrate: Surfactant-Free Sonochemical Synthesis and Drug-Delivery System with Ultrahigh Drug-Loading Capacity. <i>Advanced Materials</i> , 2010, 22, 749-753.	11.1	142
107	Iron hydroxyl phosphate microspheres: Microwave-solvothermal ionic liquid synthesis, morphology control, and photoluminescent properties. <i>Journal of Solid State Chemistry</i> , 2010, 183, 1704-1709.	1.4	16
108	Rapid microwave-assisted synthesis and characterization of cellulose-hydroxyapatite nanocomposites in N,N-dimethylacetamide solvent. <i>Carbohydrate Research</i> , 2010, 345, 1046-1050.	1.1	38

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109	Hydrothermal synthesis of relatively uniform CePO <sub>4</sub> @LaPO <sub>4</sub> one-dimensional nanostructures with highly improved luminescence. <i>Journal of Alloys and Compounds</i> , 2010, 492, 559-563.	2.8	14
110	Porous nanocomposites of PEG-PLA/calcium phosphate: room-temperature synthesis and its application in drug delivery. <i>Dalton Transactions</i> , 2010, 39, 4435.	1.6	37
111	ZnFe <sub>2</sub> O <sub>4</sub> nanoparticles: Microwave-hydrothermal ionic liquid synthesis and photocatalytic property over phenol. <i>Journal of Hazardous Materials</i> , 2009, 171, 431-435.	6.5	149
112	Formation of $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> hierarchical nanostructures at 500 $\text{\AA}$ °C in a high magnetic field. <i>Journal of Magnetism and Magnetic Materials</i> , 2009, 321, 3057-3060.	1.0	31
113	Iron oxide hollow spheres: Microwave-hydrothermal ionic liquid preparation, formation mechanism, crystal phase and morphology control and properties. <i>Acta Materialia</i> , 2009, 57, 2154-2165.	3.8	104
114	Preparation and Drug Release Properties of Nanostructured CaCO <sub>3</sub> Porous Hollow Microspheres. <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , 2009, 24, 166-170.	0.6	10
115	Hierarchically Nanostructured $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> Hollow Spheres: Preparation, Growth Mechanism, Photocatalytic Property, and Application in Water Treatment. <i>Journal of Physical Chemistry C</i> , 2008, 112, 6253-6257.	1.5	272
116	Hierarchically Nanostructured Magnetic Hollow Spheres of Fe <sub>3</sub> O <sub>4</sub> and $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> : Preparation and Potential Application in Drug Delivery. <i>Journal of Physical Chemistry C</i> , 2008, 112, 1851-1856.	1.5	328
117	Nanostructured porous hollow ellipsoidal capsules of hydroxyapatite and calcium silicate: preparation and application in drug delivery. <i>Journal of Materials Chemistry</i> , 2008, 18, 2722.	6.7	166
118	Fe <sub>3</sub> O <sub>4</sub> polyhedral nanoparticles with a high magnetization synthesized in mixed solvent ethylene glycol-water system. <i>New Journal of Chemistry</i> , 2008, 32, 1526.	1.4	86
119	Surfactant-Free Preparation and Drug Release Property of Magnetic Hollow Core/Shell Hierarchical Nanostructures. <i>Journal of Physical Chemistry C</i> , 2008, 112, 12149-12156.	1.5	118
120	SnO <sub>2</sub> and ZnO Nanostructured Spheres Self-assembled by Nanocrystals: Microwave-assisted Preparation and Enhancement of Photocatalytic Activity. <i>Chemistry Letters</i> , 2008, 37, 1002-1003.	0.7	7