

Guisheng Li

List of Publications by Year in descending order

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130
papers

10,982
citations

25031

57
h-index

30920

102
g-index

133
all docs

133
docs citations

133
times ranked

12497
citing authors

#	ARTICLE	IF	CITATIONS
1	Photocatalytic fuel cell – A review. Chemical Engineering Journal, 2022, 428, 131074.	12.7	57
2	Photoelectrocatalytic Reduction of CO ₂ to Syngas via SnO _x -Enhanced Cu ₂ O Nanowires Photocathodes. Advanced Functional Materials, 2022, 32, 2109600.	14.9	42
3	Microwave-Positioning Assembly: Structure and Surface Optimizations for Catalysts. Small Structures, 2022, 3, .	12.0	6
4	Dual-emitting metal-organic frameworks for ratiometric fluorescence detection of fluoride and Al ³⁺ in sequence. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 271, 120896.	3.9	15
5	Polarization field promoted photoelectrocatalysis for synergistic environmental remediation and H ₂ production. Chemical Engineering Journal, 2022, 437, 135132.	12.7	20
6	Carbon Nanotube-Threaded Mesocrystalline CeO ₂ for Enhanced Photocatalytic NO Removal. ACS Applied Nano Materials, 2022, 5, 3581-3590.	5.0	12
7	Fullerene-Graphene Acceptor Drives Ultrafast Carrier Dynamics for Sustainable CdS Photocatalytic Hydrogen Evolution. Advanced Functional Materials, 2022, 32, .	14.9	55
8	Complete mineralization of phenolic compounds in visible-light-driven photocatalytic ozonation with single-crystal WO ₃ nanosheets: Performance and mechanism investigation. Journal of Hazardous Materials, 2022, 433, 128811.	12.4	18
9	Microwave-assisted synthesis of oxygen vacancy associated TiO ₂ for efficient photocatalytic nitrate reduction. Chinese Chemical Letters, 2022, 33, 3835-3841.	9.0	25
10	Singlet Oxygen and Mobile Hydroxyl Radicals Co-operating on Gas-Solid Catalytic Reaction Interfaces for Deeply Oxidizing NO _x . Environmental Science & Technology, 2022, 56, 5830-5839.	10.0	22
11	Rutile TiO ₂ nanorods grown on carbon nanotubes as high-performance lithium-ion batteries anode via one-dimensional electron pathways. Journal of Sol-Gel Science and Technology, 2022, 103, 437-446.	2.4	3
12	Femtosecond time-resolved spectroscopic observation of long-lived charge separation in bimetallic sulfide/g-C ₃ N ₄ for boosting photocatalytic H ₂ evolution. Applied Catalysis B: Environmental, 2021, 282, 119568.	20.2	97
13	Porous g-C ₃ N ₄ /TiO ₂ foam photocatalytic filter for treating NO indoor gas. Environmental Science: Nano, 2021, 8, 1571-1579.	4.3	10
14	Photo-induced dye-sensitized BiPO ₄ /BiOCl system for stably treating persistent organic pollutants. Applied Catalysis B: Environmental, 2021, 285, 119841.	20.2	73
15	Research Progress on Photocatalytic/Photoelectrocatalytic Oxidation of Nitrogen Oxides. Transactions of Tianjin University, 2021, 27, 295.	6.4	9
16	CO ₂ reduction to formic acid via NH ₂ -C@Cu ₂ O photocatalyst in situ derived from amino modified Cu-MOF. Journal of CO ₂ Utilization, 2021, 54, 101781.	6.8	22
17	Horizontally arranged zinc platelet electrodeposits modulated by fluorinated covalent organic framework film for high-rate and durable aqueous zinc ion batteries. Nature Communications, 2021, 12, 6606.	12.8	369
18	Visible-light-driven hydrogen peroxide production from water and dioxygen by perylenetetracarboxylic diimide modified titanium-based metal-organic frameworks. Journal of Materials Chemistry A, 2021, 9, 26371-26380.	10.3	38

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19	Acute and repeated dose 26-week oral toxicity study of 20(S)-ginsenoside Rg3 in Kunming mice and Sprague-Dawley rats. <i>Journal of Ginseng Research</i> , 2020, 44, 222-228.	5.7	28
20	3D-Printed Grids with Polymeric Photocatalytic System as Flexible Air Filter. <i>Applied Catalysis B: Environmental</i> , 2020, 262, 118307.	20.2	28
21	Repeated-dose 26-week oral toxicity study of ginsenoside compound K in Beagle dogs. <i>Journal of Ethnopharmacology</i> , 2020, 248, 112323.	4.1	9
22	A 26-week 20(S)-ginsenoside Rg3 oral toxicity study in Beagle dogs. <i>Regulatory Toxicology and Pharmacology</i> , 2020, 110, 104522.	2.7	12
23	Cooperation between inside and outside of TiO ₂ : Lattice Cu ⁺ accelerates carrier migration to the surface of metal copper for photocatalytic CO ₂ reduction. <i>Applied Catalysis B: Environmental</i> , 2020, 264, 118515.	20.2	93
24	Efficient Self-Driving Photoelectrocatalytic Reactor for Synergistic Water Purification and H ₂ Evolution. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 44731-44742.	8.0	33
25	A strong hydrangea-like Au-TiO ₂ catalyst for round-the-clock degradation of oxalic acid in the presence of ozone. <i>Catalysis Science and Technology</i> , 2020, 10, 7481-7485.	4.1	5
26	Self-Suspended Photothermal Microreactor for Water Desalination and Integrated Volatile Organic Compound Removal. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 51537-51545.	8.0	47
27	MOFs Conferred with Transient Metal Centers for Enhanced Photocatalytic Activity. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 17182-17186.	13.8	121
28	NH ₂ -UiO-66(Zr) with fast electron transfer routes for breaking down nitric oxide via photocatalysis. <i>Applied Catalysis B: Environmental</i> , 2020, 267, 118687.	20.2	83
29	Photoanode driven photoelectrocatalytic system for CO ₂ reduction to formic acid by using CoOx cathode. <i>Applied Surface Science</i> , 2020, 511, 145497.	6.1	24
30	In-situ fabrication SnO ₂ /SnS ₂ heterostructure for boosting the photocatalytic degradation of pollutants. <i>Chinese Journal of Catalysis</i> , 2020, 41, 1554-1563.	14.0	24
31	Gas-Phase Photoelectrocatalytic Oxidation of NO via TiO ₂ Nanorod Array/FTO Photoanodes. <i>Environmental Science & Technology</i> , 2020, 54, 5902-5912.	10.0	42
32	Microwave-induced Assembly of CuS@MoS ₂ Core-shell Nanotubes and Study on Their Photocatalytic Fenton-like Reactions. <i>Acta Chimica Sinica</i> , 2020, 78, 961.	1.4	12
33	Strong Hollow Spherical La ₂ NiO ₄ Photocatalytic Microreactor for Round-the-Clock Environmental Remediation. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 25967-25975.	8.0	33
34	Edge-Enriched Ultrathin MoS ₂ Embedded Yolk-Shell TiO ₂ with Boosted Charge Transfer for Superior Photocatalytic H ₂ Evolution. <i>Advanced Functional Materials</i> , 2019, 29, 1901958.	14.9	115
35	A flexible CdS nanorods-carbon nanotubes/stainless steel mesh photoanode for boosted photoelectrocatalytic hydrogen evolution. <i>Chemical Communications</i> , 2019, 55, 2741-2744.	4.1	48
36	TiO ₂ nanotube arrays modified with nanoparticles of platinum group metals (Pt, Pd, Ru): enhancement on photoelectrochemical performance. <i>Journal of Nanoparticle Research</i> , 2019, 21, 1.	1.9	24

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37	Probing supramolecular assembly and charge carrier dynamics toward enhanced photocatalytic hydrogen evolution in 2D graphitic carbon nitride nanosheets. <i>Applied Catalysis B: Environmental</i> , 2019, 256, 117867.	20.2	137
38	Preclinical safety of ginsenoside compound K: Acute, and 26-week oral toxicity studies in mice and rats. <i>Food and Chemical Toxicology</i> , 2019, 131, 110578.	3.6	29
39	Highly Selective and Efficient Synthesis of 7-Aminoquinolines and Their Applications as Golgi-Localized Probes. <i>ACS Medicinal Chemistry Letters</i> , 2019, 10, 954-959.	2.8	40
40	Photocatalysis: Microwave-Induced Metal Dissolution Synthesis of Core-Shell Copper Nanowires/ZnS for Visible Light Photocatalytic H ₂ Evolution (<i>Adv. Energy Mater.</i> 22/2019). <i>Advanced Energy Materials</i> , 2019, 9, 1970085.	19.5	2
41	Gas-Phase Photoelectrocatalysis for Breaking Down Nitric Oxide. <i>Environmental Science & Technology</i> , 2019, 53, 7145-7154.	10.0	45
42	Microwave-Induced Metal Dissolution Synthesis of Core-Shell Copper Nanowires/ZnS for Visible Light Photocatalytic H ₂ Evolution. <i>Advanced Energy Materials</i> , 2019, 9, 1900775.	19.5	97
43	Copper Phosphide-Enhanced Lower Charge Trapping Occurrence in Graphitic-C ₃ N ₄ for Efficient Noble-Metal-Free Photocatalytic H ₂ Evolution. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 16527-16537.	8.0	83
44	A chloroplast structured photocatalyst enabled by microwave synthesis. <i>Nature Communications</i> , 2019, 10, 1570.	12.8	88
45	Imine-bridged periodic mesoporous organosilica as stable high-activity catalytic for Knoevenagel reaction in aqueous medium. <i>Research on Chemical Intermediates</i> , 2019, 45, 3107-3121.	2.7	7
46	Efficient Photocatalytic Fuel Cell via Simultaneous Visible-Photoelectrocatalytic Degradation and Electricity Generation on a Porous Coral-like WO ₃ /W Photoelectrode. <i>Environmental Science & Technology</i> , 2019, 53, 3697-3706.	10.0	105
47	Interfacial optimization of g-C ₃ N ₄ -based Z-scheme heterojunction toward synergistic enhancement of solar-driven photocatalytic oxygen evolution. <i>Applied Catalysis B: Environmental</i> , 2019, 244, 240-249.	20.2	295
48	g-C ₃ N ₄ photoanode for photoelectrocatalytic synergistic pollutant degradation and hydrogen evolution. <i>Applied Surface Science</i> , 2019, 467-468, 658-665.	6.1	82
49	Microwave irradiation induced UiO-66-NH ₂ anchored on graphene with high activity for photocatalytic reduction of CO ₂ . <i>Applied Catalysis B: Environmental</i> , 2018, 228, 47-53.	20.2	186
50	Thermally stable TiO ₂ quantum dots embedded in SiO ₂ foams: Characterization and photocatalytic H ₂ evolution activity. <i>Applied Catalysis B: Environmental</i> , 2018, 229, 130-138.	20.2	62
51	MICROSTRUCTURE AND PROPERTIES OF THE Ni-B AND Ni-B-Ce ULTRASONIC-ASSISTED ELECTROLESS COATINGS. <i>Surface Review and Letters</i> , 2018, 25, 1950006.	1.1	6
52	Controllable synthesis of mesoporous multi-shelled ZnO microspheres as efficient photocatalysts for NO oxidation. <i>Applied Surface Science</i> , 2018, 435, 468-475.	6.1	47
53	Nanotube Array-Like WO ₃ Photoanode with Dual-Layer Oxygen-Evolution Cocatalysts for Photoelectrocatalytic Overall Water Splitting. <i>ACS Applied Energy Materials</i> , 2018, 1, 6871-6880.	5.1	60
54	Aerosol-Assisted Synthesis of Spherical Sb/C Composites as Advanced Anodes for Lithium Ion and Sodium Ion Batteries. <i>ACS Applied Energy Materials</i> , 2018, 1, 6381-6387.	5.1	32

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55	Graphene oxide enhanced amine-functionalized titanium metal organic framework for visible-light-driven photocatalytic oxidation of gaseous pollutants. <i>Applied Catalysis B: Environmental</i> , 2018, 236, 501-508.	20.2	116
56	Photoelectrocatalytic reduction of CO ₂ to methanol over a photosystem II-enhanced Cu foam/Si-nanowire system. <i>Journal of Environmental Sciences</i> , 2017, 60, 108-113.	6.1	19
57	Mesoporous single-crystal-like TiO ₂ mesocages threaded with carbon nanotubes for high-performance electrochemical energy storage. <i>Nano Energy</i> , 2017, 35, 44-51.	16.0	75
58	Genotoxicity testing of sodium formononetin-3-sulphonate (Sul-F) by assessing bacterial reverse mutation, chromosomal aberrations and micronucleus tests. <i>Regulatory Toxicology and Pharmacology</i> , 2017, 86, 374-378.	2.7	7
59	Nonclinical safety of astilbin: A 4-week oral toxicity study in rats with genotoxicity, chromosomal aberration, and mammalian micronucleus tests. <i>Food and Chemical Toxicology</i> , 2017, 107, 1-9.	3.6	21
60	Controlling charge transfer in quantum-size titania for photocatalytic applications. <i>Applied Catalysis B: Environmental</i> , 2017, 215, 85-92.	20.2	52
61	Pt-Enhanced Mesoporous Ti ³⁺ /Ti ₂ with Rapid Bulk to Surface Electron Transfer for Photocatalytic Hydrogen Evolution. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 16959-16966.	8.0	147
62	Acute and a 28-day repeated-dose toxicity study of total flavonoids from <i>Clinopodium chinense</i> (Benth.) O. Ktze in mice and rats. <i>Regulatory Toxicology and Pharmacology</i> , 2017, 91, 117-123.	2.7	14
63	Nanotube array-like WO ₃ /W photoanode fabricated by electrochemical anodization for photoelectrocatalytic overall water splitting. <i>Chinese Journal of Catalysis</i> , 2017, 38, 2132-2140.	14.0	37
64	A 90-day subchronic toxicity study with sodium formononetin-3-sulphonate (Sul-F) delivered to dogs via intravenous administration. <i>Regulatory Toxicology and Pharmacology</i> , 2016, 77, 87-92.	2.7	16
65	Hollow spherical RuO ₂ @TiO ₂ @Pt bifunctional photocatalyst for coupled H ₂ production and pollutant degradation. <i>Applied Catalysis B: Environmental</i> , 2016, 194, 42-49.	20.2	130
66	Porous CuO nanotubes/graphene with sandwich architecture as high-performance anodes for lithium-ion batteries. <i>Nanoscale</i> , 2016, 8, 19343-19351.	5.6	48
67	Nanotube-confinement induced size-controllable g-C ₃ N ₄ quantum dots modified single-crystalline TiO ₂ nanotube arrays for stable synergetic photoelectrocatalysis. <i>Nano Energy</i> , 2016, 19, 446-454.	16.0	329
68	Microwave-antenna induced in situ synthesis of Cu nanowire threaded ZIF-8 with enhanced catalytic activity in H ₂ production. <i>Nanoscale</i> , 2016, 8, 7749-7754.	5.6	32
69	Photoelectrocatalytic hydrogen generation and simultaneous degradation of organic pollutant via CdSe/TiO ₂ nanotube arrays. <i>Applied Surface Science</i> , 2016, 362, 490-497.	6.1	85
70	CNTs threaded (001) exposed TiO ₂ with high activity in photocatalytic NO oxidation. <i>Nanoscale</i> , 2016, 8, 2899-2907.	5.6	50
71	Microwave-assisted synthesis of Ag-doped MOFs-like organotitanium polymer with high activity in visible-light driven photocatalytic NO oxidization. <i>Applied Catalysis B: Environmental</i> , 2015, 172-173, 46-51.	20.2	98
72	Uniform anatase single-crystal cubes with high thermal stability fully enclosed by active {010} and {001} facets. <i>RSC Advances</i> , 2015, 5, 11029-11035.	3.6	12

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73	C ₆₀ -Decorated CdS/TiO ₂ Mesoporous Architectures with Enhanced Photostability and Photocatalytic Activity for H ₂ Evolution. ACS Applied Materials & Interfaces, 2015, 7, 4533-4540.	8.0	148
74	Ag ₂ O/TiO ₂ nanorods heterojunctions as a strong visible-light photocatalyst for phenol treatment. Journal of Sol-Gel Science and Technology, 2015, 73, 314-321.	2.4	22
75	Plasmonic silver quantum dots coupled with hierarchical TiO ₂ nanotube arrays photoelectrodes for efficient visible-light photoelectrocatalytic hydrogen evolution. Scientific Reports, 2015, 5, 10461.	3.3	113
76	Synthesis of Ce ions doped metal-organic framework for promoting catalytic H ₂ production from ammonia borane under visible light irradiation. Journal of Materials Chemistry A, 2015, 3, 14134-14141.	10.3	102
77	Copper Nanowires: A Substitute for Noble Metals to Enhance Photocatalytic H ₂ Generation. Nano Letters, 2015, 15, 4853-4858.	9.1	111
78	The self-assembly synthesis of tungsten oxide quantum dots with enhanced optical properties. Journal of Materials Chemistry C, 2015, 3, 3280-3285.	5.5	74
79	Highly Efficient and Stable Au/CeO ₂ @TiO ₂ Photocatalyst for Nitric Oxide Abatement: Potential Application in Flue Gas Treatment. Langmuir, 2015, 31, 10822-10830.	3.5	69
80	Hierarchical Nanostructured WO ₃ with Biomimetic Proton Channels and Mixed Ionic-Electronic Conductivity for Electrochemical Energy Storage. Nano Letters, 2015, 15, 6802-6808.	9.1	157
81	Ionothermal synthesis of black Ti ³⁺ -doped single-crystal TiO ₂ as an active photocatalyst for pollutant degradation and H ₂ generation. Journal of Materials Chemistry A, 2015, 3, 3748-3756.	10.3	141
82	Plasmon-induced photoelectrocatalytic activity of Au nanoparticles enhanced TiO ₂ nanotube arrays electrodes for environmental remediation. Applied Catalysis B: Environmental, 2015, 164, 217-224.	20.2	182
83	Synergy effect in photodegradation of contaminants from water using ordered mesoporous carbon-based titania catalyst. Applied Catalysis B: Environmental, 2014, 146, 151-161.	20.2	35
84	An efficient dye-sensitized BiOCl photocatalyst for air and water purification under visible light irradiation. Environmental Sciences: Processes and Impacts, 2014, 16, 1975-1980.	3.5	66
85	Vertically aligned CdTe nanotube arrays on indium tin oxide for visible-light-driven photoelectrocatalysis. Applied Catalysis B: Environmental, 2014, 147, 17-21.	20.2	20
86	Au nanoparticles enhanced rutile TiO ₂ nanorod bundles with high visible-light photocatalytic performance for NO oxidation. Applied Catalysis B: Environmental, 2014, 147, 610-616.	20.2	119
87	C ₆₀ /Bi ₂ TiO ₄ F ₂ Heterojunction Photocatalysts with Enhanced Visible-Light Activity for Environmental Remediation. ACS Applied Materials & Interfaces, 2013, 5, 7190-7197.	8.0	72
88	Photoelectrocatalytic degradation of organic pollutants via a CdS quantum dots enhanced TiO ₂ nanotube array electrode under visible light irradiation. Nanoscale, 2013, 5, 2118.	5.6	205
89	Improvement of the Visible-Light Photocatalytic Performance of TiO ₂ by Carbon Mesostructures. Chemistry - A European Journal, 2013, 19, 566-577.	3.3	56
90	Core-shell structure CdS/TiO ₂ for enhanced visible-light-driven photocatalytic organic pollutants degradation. Journal of Sol-Gel Science and Technology, 2013, 66, 504-511.	2.4	29

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91	Mesoporous TiN Microspheres with Hierarchical Chambers and Enhanced Visible Light-Driven Hydrogen Evolution. <i>ChemSusChem</i> , 2013, 6, 1461-1466.	6.8	26
92	The Development of Better Photocatalysts through Composition- and Structure-Engineering. <i>Chemistry - an Asian Journal</i> , 2013, 8, 26-40.	3.3	71
93	Environmental Photocatalysis 2013. <i>International Journal of Photoenergy</i> , 2013, 2013, 1-3.	2.5	4
94	An efficient round-the-clock La ₂ NiO ₄ catalyst for breaking down phenolic pollutants. <i>RSC Advances</i> , 2012, 2, 4822.	3.6	25
95	Self-assembled 3D architectures of Bi ₂ TiO ₄ F ₂ as a new durable visible-light photocatalyst. <i>Nanoscale</i> , 2012, 4, 455-460.	5.6	47
96	WO ₃ nanocrystals with tunable percentage of (001)-facet exposure. <i>Applied Catalysis B: Environmental</i> , 2012, 123-124, 398-404.	20.2	76
97	Synthesis of Ultralong Copper Nanowires for High-Performance Transparent Electrodes. <i>Journal of the American Chemical Society</i> , 2012, 134, 14283-14286.	13.7	366
98	A novel nanoreactor framework of iodine-incorporated BiOCl core-shell structure: enhanced light-harvesting system for photocatalysis. <i>CrystEngComm</i> , 2012, 14, 700-707.	2.6	84
99	Microwave-Induced Synthesis of Porous Single-Crystal-Like TiO ₂ with Excellent Lithium Storage Properties. <i>Langmuir</i> , 2012, 28, 4543-4547.	3.5	52
100	Microwave-assisted architectural control fabrication of 3D CdS structures. <i>Journal of Sol-Gel Science and Technology</i> , 2012, 62, 140-148.	2.4	10
101	Ethanol supercritical route for fabricating bimodal carbon modified mesoporous TiO ₂ with enhanced photocatalytic capability in degrading phenol. <i>Applied Catalysis B: Environmental</i> , 2012, 115-116, 236-244.	20.2	51
102	Ionothermal synthesis of hierarchical BiOBr microspheres for water treatment. <i>Journal of Hazardous Materials</i> , 2012, 211-212, 104-111.	12.4	126
103	Photocatalytic destruction of air pollutants with vacuum ultraviolet (VUV) irradiation. <i>Catalysis Today</i> , 2011, 175, 310-315.	4.4	59
104	Graphite-like carbon deposited anatase TiO ₂ single crystals as efficient visible-light photocatalysts. <i>Journal of Sol-Gel Science and Technology</i> , 2011, 58, 594-601.	2.4	23
105	Template-free synthesis of hierarchical porous SnO ₂ . <i>Journal of Sol-Gel Science and Technology</i> , 2010, 53, 499-503.	2.4	8
106	Monosteps on the Surfaces of Mesostructured Silica and Titania Thin Films. <i>Small</i> , 2010, 6, 1880-1885.	10.0	6
107	Green synthesis of a self-assembled rutile mesocrystalline photocatalyst. <i>CrystEngComm</i> , 2010, 12, 1759.	2.6	84
108	Design, Fabrication, and Modification of Nanostructured Semiconductor Materials for Environmental and Energy Applications. <i>Langmuir</i> , 2010, 26, 3031-3039.	3.5	464

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109	Biocompatible Anatase Single-Crystal Photocatalysts with Tunable Percentage of Reactive Facets. <i>Crystal Growth and Design</i> , 2010, 10, 1130-1137.	3.0	120
110	An Efficient Bismuth Tungstate Visible-Light-Driven Photocatalyst for Breaking Down Nitric Oxide. <i>Environmental Science & Technology</i> , 2010, 44, 4276-4281.	10.0	170
111	Inorganic materials for photocatalytic water disinfection. <i>Journal of Materials Chemistry</i> , 2010, 20, 4529.	6.7	173
112	Mesoporous Ni-B amorphous alloy microspheres with tunable chamber structure and enhanced hydrogenation activity. <i>Chemical Communications</i> , 2010, 46, 791-793.	4.1	48
113	A mesoporous TiO ₂ -xNx photocatalyst prepared by sonication pretreatment and in situ pyrolysis. <i>Separation and Purification Technology</i> , 2009, 67, 152-157.	7.9	24
114	Synthesis of Size-Tunable Monodispersed Metallic Nickel Nanocrystals without Hot Injection. <i>Crystal Growth and Design</i> , 2009, 9, 2812-2815.	3.0	31
115	A micrometer-size TiO ₂ single-crystal photocatalyst with remarkable 80% level of reactive facets. <i>Chemical Communications</i> , 2009, , 4381.	4.1	327
116	Thermally stable ordered mesoporous CeO ₂ /TiO ₂ visible-light photocatalysts. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 3775.	2.8	152
117	Aerosol-spraying synthesis of SiO ₂ /TiO ₂ nanocomposites and conversion to porous TiO ₂ and single-crystalline TiO ₂ . <i>Chemical Communications</i> , 2009, , 5394.	4.1	59
118	A Meaningful Analogue of Pentacene: Charge Transport, Polymorphs, and Electronic Structures of Dihydrodiazapentacene. <i>Chemistry of Materials</i> , 2009, 21, 1400-1405.	6.7	63
119	Direct encoding of silica submicrospheres with cadmium telluride nanocrystals. <i>Journal of Materials Chemistry</i> , 2009, 19, 7002.	6.7	20
120	Ordered Mesoporous BiVO ₄ through Nanocasting: A Superior Visible Light-Driven Photocatalyst. <i>Chemistry of Materials</i> , 2008, 20, 3983-3992.	6.7	340
121	Effect of Carbon Doping on the Mesoporous Structure of Nanocrystalline Titanium Dioxide and Its Solar-Light-Driven Photocatalytic Degradation of NO _x . <i>Langmuir</i> , 2008, 24, 3510-3516.	3.5	288
122	Synthesis of silver nanowire/mesoporous silica composite as a highly active antiseptic. <i>Studies in Surface Science and Catalysis</i> , 2007, , 841-846.	1.5	4
123	Mesoporous Titania Spheres with Tunable Chamber Structure and Enhanced Photocatalytic Activity. <i>Journal of the American Chemical Society</i> , 2007, 129, 8406-8407.	13.7	1,119
124	An active La/TiO ₂ photocatalyst prepared by ultrasonication-assisted sol-gel method followed by treatment under supercritical conditions. <i>Journal of Molecular Catalysis A</i> , 2007, 278, 237-243.	4.8	91
125	Hierarchical mesoporous grape-like titania with superior recyclability and photoactivity. <i>Microporous and Mesoporous Materials</i> , 2007, 106, 278-283.	4.4	24
126	An ordered cubic Im3m mesoporous Cr-TiO ₂ visible light photocatalyst. <i>Chemical Communications</i> , 2006, , 2717-2719.	4.1	117

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127	Preparation of an active SO ₄ ²⁻ /TiO ₂ photocatalyst for phenol degradation under supercritical conditions. Journal of Molecular Catalysis A, 2005, 226, 93-100.	4.8	77
128	Carbon/graphite seal materials prepared from mesocarbon microbeads. Carbon, 2004, 42, 1427-1433.	10.3	50
129	An Effective TiO ₂ Photocatalyst Prepared under Supercritical Conditions. Chemistry Letters, 2004, 33, 574-575.	1.3	12
130	GO-CuO Composites Reduced by Solid-Phase Microwave Thermal Shock for High-Efficient Seawater Desalination and Purification. Advanced Sustainable Systems, 0, , 2100500.	5.3	3