

Yongye Liang

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.

138
papers

42,917
citations

67
h-index

144
g-index

144
ext. papers

46,571
ext. citations

14
avg, IF

7.49
L-index

#	Paper	IF	Citations
138	Cobalt-N4 macrocyclic complexes for heterogeneous electrocatalysis of the CO ₂ reduction reaction. <i>Chinese Journal of Catalysis</i> , 2022 , 43, 104-109	11.3	3
137	Sensitively detecting antigen of SARS-CoV-2 by NIR-II fluorescent nanoparticles.. <i>Nano Research</i> , 2022 , 1-7	10	2
136	Accessing Organonitrogen Compounds via C-N Coupling in Electrocatalytic CO Reduction. <i>Journal of the American Chemical Society</i> , 2021 , 143, 19630-19642	16.4	12
135	Direct electrosynthesis of methylamine from carbon dioxide and nitrate. <i>Nature Sustainability</i> , 2021 , 4, 725-730	22.1	30
134	Nanographene-Osmapentalyne Complexes as a Cathode Interlayer in Organic Solar Cells Enhance Efficiency over 18. <i>Advanced Materials</i> , 2021 , 33, e2101279	24	50
133	Selective and High Current CO Electro-Reduction to Multicarbon Products in Near-Neutral KCl Electrolytes. <i>Journal of the American Chemical Society</i> , 2021 , 143, 3245-3255	16.4	35
132	Rational Design of High Brightness NIR-II Organic Dyes with S-D-A-D-S Structure. <i>Accounts of Materials Research</i> , 2021 , 2, 170-183	7.5	24
131	Heterogeneous Molecular Catalysts of Metal Phthalocyanines for Electrochemical CO Reduction Reactions. <i>Accounts of Chemical Research</i> , 2021 ,	24.3	18
130	Shielding Unit Engineering of NIR-II Molecular Fluorophores for Improved Fluorescence Performance and Renal Excretion Ability. <i>Frontiers in Chemistry</i> , 2021 , 9, 739802	5	1
129	High brightness NIR-II nanofluorophores based on fused-ring acceptor molecules. <i>Nano Research</i> , 2020 , 13, 2570-2575	10	12
128	In Vivo Imaging: Multiplexed NIR-II Probes for Lymph Node-Invaded Cancer Detection and Imaging-Guided Surgery (Adv. Mater. 11/2020). <i>Advanced Materials</i> , 2020 , 32, 2070086	24	2
127	Organic Spherical Nucleic Acids for the Transport of a NIR-II-Emitting Dye Across the Blood-Brain Barrier. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 9702-9710	16.4	31
126	Organic Spherical Nucleic Acids for the Transport of a NIR-II-Emitting Dye Across the BloodBrain Barrier. <i>Angewandte Chemie</i> , 2020 , 132, 9789-9797	3.6	3
125	Metal Phthalocyanine-Derived Single-Atom Catalysts for Selective CO Electroreduction under High Current Densities. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 33795-33802	9.5	18
124	In Situ Tin(II) Complex Antisolvent Process Featuring Simultaneous Quasi-CoreShell Structure and Heterojunction for Improving Efficiency and Stability of Low-Bandgap Perovskite Solar Cells. <i>Advanced Energy Materials</i> , 2020 , 10, 1903013	21.8	22
123	Multiplexed NIR-II Probes for Lymph Node-Invaded Cancer Detection and Imaging-Guided Surgery. <i>Advanced Materials</i> , 2020 , 32, e1907365	24	78
122	Propylenedioxy Thiophene Donor to Achieve NIR-II Molecular Fluorophores with Enhanced Brightness. <i>Chemistry of Materials</i> , 2020 , 32, 2061-2069	9.6	44

121	Methyl functionalization on conjugated side chains for polymer solar cells processed from non-chlorinated solvents. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 11532-11539	7.1	2
120	Molecular engineering of dispersed nickel phthalocyanines on carbon nanotubes for selective CO ₂ reduction. <i>Nature Energy</i> , 2020 , 5, 684-692	62.3	151
119	Establishing Multifunctional Interface Layer of Perovskite Ligand Modified Lead Sulfide Quantum Dots for Improving the Performance and Stability of Perovskite Solar Cells. <i>Small</i> , 2020 , 16, e2002628	11	13
118	Rational design of a super-contrast NIR-II fluorophore affords high-performance NIR-II molecular imaging guided microsurgery. <i>Chemical Science</i> , 2019 , 10, 326-332	9.4	90
117	Stable cycling of mesoporous Sn ₄ P ₃ /SnO ₂ @C nanosphere anode with high initial coulombic efficiency for Li-ion batteries. <i>Energy Storage Materials</i> , 2019 , 18, 125-132	19.4	37
116	Revealing the hidden performance of metal phthalocyanines for CO ₂ reduction electrocatalysis by hybridization with carbon nanotubes. <i>Nano Research</i> , 2019 , 12, 2330-2334	10	42
115	Phthalocyanine Precursors To Construct Atomically Dispersed Iron Electrocatalysts. <i>ACS Catalysis</i> , 2019 , 9, 6252-6261	13.1	33
114	Light-sheet microscopy in the near-infrared II window. <i>Nature Methods</i> , 2019 , 16, 545-552	21.6	93
113	Engineering MoS ₂ Basal Planes for Hydrogen Evolution via Synergistic Ruthenium Doping and Nanocarbon Hybridization. <i>Advanced Science</i> , 2019 , 6, 1900090	13.6	87
112	Methyl Thioether Functionalization of a Polymeric Donor for Efficient Solar Cells Processed from Non-Halogenated Solvents. <i>Chemistry of Materials</i> , 2019 , 31, 3025-3033	9.6	19
111	A bio-inspired O ₂ -tolerant catalytic CO ₂ reduction electrode. <i>Science Bulletin</i> , 2019 , 64, 1890-1895	10.6	22
110	Circulating Tumor Cells: Magnetic Squashing of Circulating Tumor Cells on Plasmonic Substrates for Ultrasensitive NIR Fluorescence Detection (Small Methods 2/2019). <i>Small Methods</i> , 2019 , 3, 1970004	12.8	4
109	Highly active oxygen evolution integrated with efficient CO to CO electroreduction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 23915-23922	11.5	33
108	Assessing the energy offset at the electron donor/acceptor interface in organic solar cells through radiative efficiency measurements. <i>Energy and Environmental Science</i> , 2019 , 12, 3556-3566	35.4	52
107	Domino electroreduction of CO to methanol on a molecular catalyst. <i>Nature</i> , 2019 , 575, 639-642	50.4	328
106	Magnetic Squashing of Circulating Tumor Cells on Plasmonic Substrates for Ultrasensitive NIR Fluorescence Detection. <i>Small Methods</i> , 2019 , 3, 1800474	12.8	44
105	High-Performance Fullerene-Free Polymer Solar Cells Featuring Efficient Photocurrent Generation from Dual Pathways and Low Nonradiative Recombination Loss. <i>ACS Energy Letters</i> , 2019 , 4, 8-16	20.1	49
104	Brain imaging with near-infrared fluorophores. <i>Coordination Chemistry Reviews</i> , 2019 , 380, 550-571	23.2	40

103	Tracing the Origin of Visible Light Enhanced Oxygen Evolution Reaction. <i>Advanced Materials Interfaces</i> , 2019 , 6, 1801543	4.6	5
102	A theranostic agent for cancer therapy and imaging in the second near-infrared window. <i>Nano Research</i> , 2019 , 12, 273-279	10	60
101	Molybdenum Phosphide/Carbon Nanotube Hybrids as pH-Universal Electrocatalysts for Hydrogen Evolution Reaction. <i>Advanced Functional Materials</i> , 2018 , 28, 1706523	15.6	141
100	Molecular Cancer Imaging in the Second Near-Infrared Window Using a Renal-Excreted NIR-II Fluorophore-Peptide Probe. <i>Advanced Materials</i> , 2018 , 30, e1800106	24	88
99	Active sites of copper-complex catalytic materials for electrochemical carbon dioxide reduction. <i>Nature Communications</i> , 2018 , 9, 415	17.4	338
98	Donor Engineering for NIR-II Molecular Fluorophores with Enhanced Fluorescent Performance. <i>Journal of the American Chemical Society</i> , 2018 , 140, 1715-1724	16.4	254
97	3D NIR-II Molecular Imaging Distinguishes Targeted Organs with High-Performance NIR-II Bioconjugates. <i>Advanced Materials</i> , 2018 , 30, e1705799	24	111
96	Nickel Hydr(oxy)oxide Nanoparticles on Metallic MoS Nanosheets: A Synergistic Electrocatalyst for Hydrogen Evolution Reaction. <i>Advanced Science</i> , 2018 , 5, 1700644	13.6	83
95	A bright organic NIR-II nanofluorophore for three-dimensional imaging into biological tissues. <i>Nature Communications</i> , 2018 , 9, 1171	17.4	242
94	A non-fullerene small molecule processed with green solvent as an electron transporting material for high efficiency p-i-n perovskite solar cells. <i>Organic Electronics</i> , 2018 , 52, 200-205	3.5	31
93	Rational design of conjugated side chains for high-performance all-polymer solar cells. <i>Molecular Systems Design and Engineering</i> , 2018 , 3, 103-112	4.6	18
92	Developing a Bright NIR-II Fluorophore with Fast Renal Excretion and Its Application in Molecular Imaging of Immune Checkpoint PD-L1. <i>Advanced Functional Materials</i> , 2018 , 28, 1804956	15.6	61
91	Design of active nickel single-atom decorated MoS ₂ as a pH-universal catalyst for hydrogen evolution reaction. <i>Nano Energy</i> , 2018 , 53, 458-467	17.1	147
90	General Construction of Molybdenum-Based Nanowire Arrays for pH-Universal Hydrogen Evolution Electrocatalysis. <i>Advanced Functional Materials</i> , 2018 , 28, 1804600	15.6	95
89	Molecular imaging of biological systems with a clickable dye in the broad 800- to 1,700-nm near-infrared window. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 962-967	11.5	192
88	Rational Design of Molecular Fluorophores for Biological Imaging in the NIR-II Window. <i>Advanced Materials</i> , 2017 , 29, 1605497	24	251
87	Highly selective and active CO reduction electrocatalysts based on cobalt phthalocyanine/carbon nanotube hybrid structures. <i>Nature Communications</i> , 2017 , 8, 14675	17.4	436
86	Enhanced performance of inverted perovskite solar cells using solution-processed carboxylic potassium salt as cathode buffer layer. <i>Organic Electronics</i> , 2017 , 45, 97-103	3.5	14

85	Iron-Doped Cobalt Monophosphide Nanosheet/Carbon Nanotube Hybrids as Active and Stable Electrocatalysts for Water Splitting. <i>Advanced Functional Materials</i> , 2017 , 27, 1606635	15.6	175
84	An efficient and thickness insensitive cathode interface material for high performance inverted perovskite solar cells with 17.27% efficiency. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 5949-5955	7.1	21
83	Thieno[3,4-c]pyrrole-4,6(5H)-dione Polymers with Optimized Energy Level Alignments for Fused-Ring Electron Acceptor Based Polymer Solar Cells. <i>Chemistry of Materials</i> , 2017 , 29, 5636-5645	9.6	36
82	Head-to-Head Linkage Containing Dialkoxybithiophene-Based Polymeric Semiconductors for Polymer Solar Cells with Large Open-Circuit Voltages. <i>Macromolecules</i> , 2017 , 50, 137-150	5.5	27
81	Proteoliposome-based full-length ZnT8 self-antigen for type 1 diabetes diagnosis on a plasmonic platform. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 10196-10201	11.5	20
80	Development of a high quantum yield dye for tumour imaging. <i>Chemical Science</i> , 2017 , 8, 6322-6326	9.4	39
79	Self-Cleaning Catalyst Electrodes for Stabilized CO ₂ Reduction to Hydrocarbons. <i>Angewandte Chemie</i> , 2017 , 129, 13315-13319	3.6	22
78	Self-Cleaning Catalyst Electrodes for Stabilized CO Reduction to Hydrocarbons. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 13135-13139	16.4	102
77	SiRNA Delivery with PEGylated Graphene Oxide Nanosheets for Combined Photothermal and Genetherapy for Pancreatic Cancer. <i>Theranostics</i> , 2017 , 7, 1133-1148	12.1	123
76	Molecular Engineering on Conjugated Side Chain for Polymer Solar Cells with Improved Efficiency and Accessibility. <i>Chemistry of Materials</i> , 2016 , 28, 5887-5895	9.6	54
75	Head-to-Head Linkage Containing Bithiophene-Based Polymeric Semiconductors for Highly Efficient Polymer Solar Cells. <i>Advanced Materials</i> , 2016 , 28, 9969-9977	24	81
74	Diagnostics: High Performance, Multiplexed Lung Cancer Biomarker Detection on a Plasmonic Gold Chip (Adv. Funct. Mater. 44/2016). <i>Advanced Functional Materials</i> , 2016 , 26, 7993-7993	15.6	5
73	Transition-Metal Doped Ceria Microspheres with Nanoporous Structures for CO Oxidation. <i>Scientific Reports</i> , 2016 , 6, 23900	4.9	61
72	Facile Synthesis of Nickel/Iron/Nanocarbon Hybrids as Advanced Electrocatalysts for Efficient Water Splitting. <i>ACS Catalysis</i> , 2016 , 6, 580-588	13.1	292
71	Materials Design via Optimized Intramolecular Noncovalent Interactions for High-Performance Organic Semiconductors. <i>Chemistry of Materials</i> , 2016 , 28, 2449-2460	9.6	84
70	Recent Advances in Interface Engineering for Planar Heterojunction Perovskite Solar Cells. <i>Molecules</i> , 2016 , 21,	4.8	26
69	Traumatic Brain Injury Imaging in the Second Near-Infrared Window with a Molecular Fluorophore. <i>Advanced Materials</i> , 2016 , 28, 6872-9	24	240
68	Visible to Near-Infrared Fluorescence Enhanced Cellular Imaging on Plasmonic Gold Chips. <i>Small</i> , 2016 , 12, 457-65	11	26

67	High Performance, Multiplexed Lung Cancer Biomarker Detection on a Plasmonic Gold Chip. <i>Advanced Functional Materials</i> , 2016 , 26, 7994-8002	15.6	68
66	Cobalt oxide/nanocarbon hybrid materials as alternative cathode catalyst for oxygen reduction in microbial fuel cell. <i>International Journal of Hydrogen Energy</i> , 2015 , 40, 3868-3874	6.7	79
65	Toward Highly Sensitive Polymer Photodetectors by Molecular Engineering. <i>Advanced Materials</i> , 2015 , 27, 6496-503	24	114
64	Interfacial Layer Engineering for Performance Enhancement in Polymer Solar Cells. <i>Polymers</i> , 2015 , 7, 333-372	4.5	73
63	Dithieno[3,2-b:2',3'-d]pyran-containing organic D π A sensitizers for dye-sensitized solar cells. <i>RSC Advances</i> , 2014 , 4, 62472-62475	3.7	6
62	Monodisperse, nanoporous ceria microspheres embedded with Pt nanoparticles: general facile synthesis and catalytic application. <i>RSC Advances</i> , 2014 , 4, 42965-42970	3.7	7
61	Ultrafast high-capacity NiZn battery with NiAlCo-layered double hydroxide. <i>Energy and Environmental Science</i> , 2014 , 7, 2025	35.4	224
60	Strongly coupled inorganic/nanocarbon hybrid materials for advanced electrocatalysis. <i>Journal of the American Chemical Society</i> , 2013 , 135, 2013-36	16.4	771
59	Advanced zinc-air batteries based on high-performance hybrid electrocatalysts. <i>Nature Communications</i> , 2013 , 4, 1805	17.4	845
58	An advanced Ni-Fe layered double hydroxide electrocatalyst for water oxidation. <i>Journal of the American Chemical Society</i> , 2013 , 135, 8452-5	16.4	2084
57	Spectroscopic understanding of ultra-high rate performance for LiMn(0.75)Fe(0.25)PO ₄ nanorods-graphene hybrid in lithium ion battery. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 9578-81	3.6	43
56	In vivo fluorescence imaging in the second near-infrared window with long circulating carbon nanotubes capable of ultrahigh tumor uptake. <i>Journal of the American Chemical Society</i> , 2012 , 134, 10664-9	16.4	315
55	Oxygen reduction electrocatalyst based on strongly coupled cobalt oxide nanocrystals and carbon nanotubes. <i>Journal of the American Chemical Society</i> , 2012 , 134, 15849-57	16.4	694
54	Engineering manganese oxide/nanocarbon hybrid materials for oxygen reduction electrocatalysis. <i>Nano Research</i> , 2012 , 5, 718-725	10	95
53	Covalent hybrid of spinel manganese-cobalt oxide and graphene as advanced oxygen reduction electrocatalysts. <i>Journal of the American Chemical Society</i> , 2012 , 134, 3517-23	16.4	1129
52	Ultrafast intramolecular exciton splitting dynamics in isolated low-band-gap polymers and their implications in photovoltaic materials design. <i>Journal of the American Chemical Society</i> , 2012 , 134, 4142-52	16.4	156
51	Rechargeable LiO ₂ batteries with a covalently coupled MnCo ₂ O ₄ /graphene hybrid as an oxygen cathode catalyst. <i>Energy and Environmental Science</i> , 2012 , 5, 7931	35.4	372
50	An oxygen reduction electrocatalyst based on carbon nanotube-graphene complexes. <i>Nature Nanotechnology</i> , 2012 , 7, 394-400	28.7	1407

49	Graphite-coated magnetic nanoparticle microarray for few-cells enrichment and detection. <i>ACS Nano</i> , 2012 , 6, 1094-101	16.7	50
48	An ultrafast nickel-iron battery from strongly coupled inorganic nanoparticle/nanocarbon hybrid materials. <i>Nature Communications</i> , 2012 , 3, 917	17.4	301
47	Graphene-wrapped sulfur particles as a rechargeable lithium-sulfur battery cathode material with high capacity and cycling stability. <i>Nano Letters</i> , 2011 , 11, 2644-7	11.5	1804
46	Co ₃ S ₄ nanocrystals on graphene as a synergistic catalyst for oxygen reduction reaction. <i>Nature Materials</i> , 2011 , 10, 780-6	27	4565
45	Synthesis of fluorinated polythienothiophene-co-benzodithiophenes and effect of fluorination on the photovoltaic properties. <i>Journal of the American Chemical Society</i> , 2011 , 133, 1885-94	16.4	523
44	MoS ₂ nanoparticles grown on graphene: an advanced catalyst for the hydrogen evolution reaction. <i>Journal of the American Chemical Society</i> , 2011 , 133, 7296-9	16.4	3995
43	Ultrasmall reduced graphene oxide with high near-infrared absorbance for photothermal therapy. <i>Journal of the American Chemical Society</i> , 2011 , 133, 6825-31	16.4	1658
42	Advanced asymmetrical supercapacitors based on graphene hybrid materials. <i>Nano Research</i> , 2011 , 4, 729-736	10	349
41	Intra-Molecular Donor-Acceptor Interaction Effects on Charge Dissociation, Charge Transport, and Charge Collection in Bulk-Heterojunction Organic Solar Cells. <i>Advanced Energy Materials</i> , 2011 , 1, 923-929	21.8	55
40	LiMn _{1-x} Fe _x PO ₄ Nanorods Grown on Graphene Sheets for Ultrahigh-Rate-Performance Lithium Ion Batteries. <i>Angewandte Chemie</i> , 2011 , 123, 7502-7506	3.6	86
39	Co _{1-x} S _x Graphene Hybrid: A High-Performance Metal Chalcogenide Electrocatalyst for Oxygen Reduction. <i>Angewandte Chemie</i> , 2011 , 123, 11161-11164	3.6	79
38	LiMn(1-x)Fe(x)PO ₄ nanorods grown on graphene sheets for ultrahigh-rate-performance lithium ion batteries. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 7364-8	16.4	248
37	Co(1-x)S-graphene hybrid: a high-performance metal chalcogenide electrocatalyst for oxygen reduction. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 10969-72	16.4	394
36	Length-dependent self-assembly of oligothiophene derivatives in thin films. <i>Journal of Materials Research</i> , 2011 , 26, 296-305	2.5	3
35	Ni(OH) ₂ nanoplates grown on graphene as advanced electrochemical pseudocapacitor materials. <i>Journal of the American Chemical Society</i> , 2010 , 132, 7472-7	16.4	1720
34	Electronic processes in conjugated diblock oligomers mimicking low band-gap polymers: experimental and theoretical spectral analysis. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 14505-13	3.4	27
33	Mn ₃ O ₄ -graphene hybrid as a high-capacity anode material for lithium ion batteries. <i>Journal of the American Chemical Society</i> , 2010 , 132, 13978-80	16.4	1738
32	Structure, dynamics, and power conversion efficiency correlations in a new low bandgap polymer: PCBM solar cell. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 742-8	3.4	138

31	Development of Semiconducting Polymers for Solar Energy Harvesting. <i>Polymer Reviews</i> , 2010 , 50, 454-473	101
30	A new class of semiconducting polymers for bulk heterojunction solar cells with exceptionally high performance. <i>Accounts of Chemical Research</i> , 2010 , 43, 1227-36	24.3 637
29	TiO ₂ nanocrystals grown on graphene as advanced photocatalytic hybrid materials. <i>Nano Research</i> , 2010 , 3, 701-705	10 646
28	For the bright future-bulk heterojunction polymer solar cells with power conversion efficiency of 7.4%. <i>Advanced Materials</i> , 2010 , 22, E135-8	24 3299
27	When function follows form: Effects of donor copolymer side chains on film morphology and BHJ solar cell performance. <i>Advanced Materials</i> , 2010 , 22, 5468-72	24 306
26	Polymer solar cells with enhanced open-circuit voltage and efficiency. <i>Nature Photonics</i> , 2009 , 3, 649-653	33.9 2870
25	Development of new semiconducting polymers for high performance solar cells. <i>Journal of the American Chemical Society</i> , 2009 , 131, 56-7	16.4 853
24	Regioregular Oligomer and Polymer Containing Thieno[3,4-b]thiophene Moiety for Efficient Organic Solar Cells. <i>Macromolecules</i> , 2009 , 42, 1091-1098	5.5 63
23	Highly efficient solar cell polymers developed via fine-tuning of structural and electronic properties. <i>Journal of the American Chemical Society</i> , 2009 , 131, 7792-9	16.4 1261
22	Structure and dynamics correlations of photoinduced charge separation in rigid conjugated linear donor-acceptor dyads towards photovoltaic applications. <i>New Journal of Chemistry</i> , 2009 , 33, 1497	3.6 22
21	Control in Energy Levels of Conjugated Polymers for Photovoltaic Application. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 7866-7871	3.8 57
20	Hierarchical Construction of Composite Hollow Structures of Co@CoO and Their Magnetic Behavior. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 9272-9277	3.8 26
19	The electron and energy transfer between oligothiophenes and thieno[3,4-b]thiophene units 2008	1
18	Template-free fabrication of fullerene (C ₆₀ , C ₇₀) nanometer-sized hollow spheres under solvothermal conditions. <i>Carbon</i> , 2008 , 46, 1736-1740	10.4 8
17	Conjugated block copolymers and co-oligomers: from supramolecular assembly to molecular electronics. <i>Journal of Materials Chemistry</i> , 2007 , 17, 2183	73
16	Defect-free polymer multilayers prepared via chemoselective immobilization. <i>Langmuir</i> , 2007 , 23, 4367-72	6
15	Concentric Sub-micrometer-Sized Cables Composed of Ni Nanowires and Sub-micrometer-Sized Fullerene Tubes. <i>Advanced Functional Materials</i> , 2007 , 17, 1124-1130	15.6 12
14	Plastic Near-Infrared Photodetectors Utilizing Low Band Gap Polymer. <i>Advanced Materials</i> , 2007 , 19, 3979-3983	24 257

13	Solution phase synthesis of CuO nanorods. <i>Materials Chemistry and Physics</i> , 2006 , 98, 519-522	4.4	55
12	Large-scale synthesis of single-crystalline CuO nanoplatelets by a hydrothermal process. <i>Materials Research Bulletin</i> , 2006 , 41, 697-702	5.1	59
11	The Heck Polycondensation for Functional Polymers. <i>Synlett</i> , 2006 , 2006, 2879-2893	2.2	8
10	Hollow nickel microspheres covered with oriented carbon nanotubes and its magnetic property. <i>Carbon</i> , 2006 , 44, 211-215	10.4	30
9	Large-scale synthesis of single crystal silver nanowires by a sodium diphenylamine sulfonate reduction process. <i>Journal of Nanoscience and Nanotechnology</i> , 2006 , 6, 231-4	1.3	1
8	Nanometer-Sized Nickel Hollow Spheres. <i>Advanced Materials</i> , 2005 , 17, 1995-1999	24	162
7	PbS crystals with clover-like structure: Preparation, characterization, optical properties and influencing factors. <i>Crystal Research and Technology</i> , 2004 , 39, 200-206	1.3	37
6	Shape Controllable Preparation of PbS Crystals by a Simple Aqueous Phase Route. <i>Crystal Growth and Design</i> , 2004 , 4, 759-764	3.5	102
5	Facile Synthesis of Hollow Nickel Submicrometer Spheres. <i>Advanced Materials</i> , 2003 , 15, 1832-1835	24	189
4	Fabrication and characterization of hollow cuprous sulfide (Cu ₂ S) microspheres by a simple template-free route. <i>Inorganic Chemistry Communication</i> , 2003 , 6, 1406-1408	3.1	20
3	Nanocarbon Materials in Catalysis25-63		
2	Theory-Driven Design of Electrocatalysts for the Two-Electron Oxygen Reduction Reaction Based on Dispersed Metal Phthalocyanines. <i>CCS Chemistry</i> ,585-593	7.2	5
1	Conjugated Block Copolymers and Cooligomers21-38		1