

Jian-Ping Yang

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.

149
papers

10,732
citations

48
h-index

102
g-index

157
ext. papers

12,572
ext. citations

10.3
avg, IF

6.45
L-index

#	Paper	IF	Citations
149	How to Build a Microplastics-Free Environment: Strategies for Microplastics Degradation and Plastics Recycling.. <i>Advanced Science</i> , 2022 , e2103764	13.6	10
148	Bone infection site targeting nanoparticle-antibiotics delivery vehicle to enhance treatment efficacy of orthopedic implant related infection.. <i>Bioactive Materials</i> , 2022 , 16, 134-148	16.7	1
147	Confined self-assembly of SiOC nanospheres in graphene film to achieve cycle stability of lithium ion batteries. <i>New Journal of Chemistry</i> , 2022 , 46, 6519-6527	3.6	1
146	Multi-Mode Antibacterial Strategies Enabled by Gene-Transfection and Immunomodulatory Nanoparticles in 3D-printed Scaffolds for Synergistic Exogenous and Endogenous Treatment of Infections.. <i>Advanced Materials</i> , 2022 , e2200096	24	1
145	Modulating the Electronic Structure of FeCo Nanoparticles in N-Doped Mesoporous Carbon for Efficient Oxygen Reduction Reaction.. <i>Advanced Science</i> , 2022 , e2200394	13.6	3
144	Conversion of Catalytically Inert 2D Bismuth Oxide Nanosheets for Effective Electrochemical Hydrogen Evolution Reaction Catalysis via Oxygen Vacancy Concentration Modulation.. <i>Nano-Micro Letters</i> , 2022 , 14, 90	19.5	10
143	Photosensitizer Nanodot Eliciting Immunogenicity for Photo-Immunologic Therapy of Postoperative Methicillin-Resistant Staphylococcus Aureus Infection and Secondary Recurrence. <i>Advanced Materials</i> , 2021 , e2107300	24	5
142	Dianhydride-based polyimide as organic electrode materials for aqueous hydronium-ion battery. <i>Electrochimica Acta</i> , 2021 , 403, 139550	6.7	0
141	A High-Rate Electrode with Grothhuss Topochemistry for Membrane-Free Decoupled Acid Water Electrolysis (Adv. Energy Mater. 40/2021). <i>Advanced Energy Materials</i> , 2021 , 11, 2170159	21.8	1
140	Organic/Inorganic Hybrid Fibers: Controllable Architectures for Electrochemical Energy Applications. <i>Advanced Science</i> , 2021 , 8, e2102859	13.6	11
139	Residual Chlorine Induced Cationic Active Species on a Porous Copper Electrocatalyst for Highly Stable Electrochemical CO Reduction to C. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 11487-11493	16.4	39
138	Residual Chlorine Induced Cationic Active Species on a Porous Copper Electrocatalyst for Highly Stable Electrochemical CO ₂ Reduction to C ₂ +. <i>Angewandte Chemie</i> , 2021 , 133, 11588-11594	3.6	3
137	Oriented assembly of monomicelles in beam stream enabling bimodal mesoporous metal oxide nanofibers. <i>Science China Materials</i> , 2021 , 64, 2486-2496	7.1	0
136	Regulating the interfacial behavior of carbon nanotubes for fast lithium storage. <i>Electrochimica Acta</i> , 2021 , 388, 138591	6.7	3
135	Electrostatic Interactions Leading to Hierarchical Interpenetrating Electroconductive Networks in Silicon Anodes for Fast Lithium Storage. <i>Chemistry - A European Journal</i> , 2021 , 27, 9320-9327	4.8	4
134	Boron-iron nanochains for selective electrocatalytic reduction of nitrate. <i>Chinese Chemical Letters</i> , 2021 , 32, 2073-2078	8.1	7
133	Biodegradation and catalytic-chemical degradation strategies to mitigate microplastic pollution. <i>Sustainable Materials and Technologies</i> , 2021 , 28, e00251	5.3	6

132	Boron doping-induced interconnected assembly approach for mesoporous silicon oxycarbide architecture. <i>National Science Review</i> , 2021 , 8, nwa152	10.8	38
131	A confined micro-reactor with a movable Fe ₃ O ₄ core and a mesoporous TiO ₂ shell for a photocatalytic Fenton-like degradation of bisphenol A. <i>Chinese Chemical Letters</i> , 2021 , 32, 1456-1461	8.1	6
130	Achieving effective broadband microwave absorption with Fe ₃ O ₄ @C supraparticles. <i>Journal of Materiomics</i> , 2021 , 7, 80-88	6.7	16
129	Sub-nanometric Manganous Oxide Clusters in Nitrogen Doped Mesoporous Carbon Nanosheets for High-Performance Lithium-Sulfur Batteries. <i>Nano Letters</i> , 2021 , 21, 700-708	11.5	26
128	Comparison of Additives in Anode: The Case of Graphene, MXene, CNTs Integration with Silicon Inside Carbon Nanofibers. <i>Acta Metallurgica Sinica (English Letters)</i> , 2021 , 34, 337-346	2.5	9
127	Pushing the Limit of Ordered Mesoporous Materials via 2D Self-Assembly for Energy Conversion and Storage. <i>Advanced Functional Materials</i> , 2021 , 31, 2007496	15.6	19
126	When Silicon Materials Meet Natural Sources: Opportunities and Challenges for Low-Cost Lithium Storage. <i>Small</i> , 2021 , 17, e1904508	11	29
125	Mesoporous Materials-Based Electrochemical Biosensors from Enzymatic to Nonenzymatic. <i>Small</i> , 2021 , 17, e1904022	11	27
124	Synergy between copper and iron sites inside carbon nanofibers for superior electrocatalytic denitrification. <i>Nanoscale</i> , 2021 , 13, 10108-10115	7.7	6
123	Regulating the carbon distribution of anode materials in lithium-ion batteries. <i>Nanoscale</i> , 2021 , 13, 3937-3947	7.7	7
122	Flexible electrocatalysts: interfacial-assembly of iron nanoparticles for nitrate reduction. <i>Chemical Communications</i> , 2021 , 57, 6740-6743	5.8	3
121	Multiscale architectures boosting thermoelectric performance of copper sulfide compound. <i>Rare Metals</i> , 2021 , 40, 1-9	5.5	5
120	A High-Rate Electrode with Grotthuss Topochemistry for Membrane-Free Decoupled Acid Water Electrolysis. <i>Advanced Energy Materials</i> , 2021 , 11, 2102057	21.8	6
119	Interface Design of Iron Nanoparticles for Environmental Remediation. <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , 2021 , 36, 561	1	1
118	Interface-Amorphized TiC@Si/SiO@TiO Anodes with Sandwiched Structures and Stable Lithium Storage. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 24796-24805	9.5	29
117	A carbon network strategy to synthesize silicon-carbon anodes toward regulated morphologies during molten salt reduction. <i>CrystEngComm</i> , 2020 , 22, 4894-4902	3.3	
116	Interface Heteroatom-doping: Emerging Solutions to Silicon-based Anodes. <i>Chemistry - an Asian Journal</i> , 2020 , 15, 1394-1404	4.5	9
115	Boosting initial coulombic efficiency of Si-based anodes: a review. <i>Emergent Materials</i> , 2020 , 3, 369-380	3.5	10

114	Heterogeneous Single-Atom Catalysts for Electrochemical CO Reduction Reaction. <i>Advanced Materials</i> , 2020 , 32, e2001848	24	148
113	Dendritic Cell-Inspired Designed Architectures toward Highly Efficient Electrocatalysts for Nitrate Reduction Reaction. <i>Small</i> , 2020 , 16, e2001775	11	35
112	Frontispiece: Engineering Carbon Distribution in Silicon-Based Anodes at Multiple Scales. <i>Chemistry - A European Journal</i> , 2020 , 26,	4.8	1
111	Site-selective exposure of iron nanoparticles to achieve rapid interface enrichment for heavy metals. <i>Chemical Communications</i> , 2020 , 56, 2795-2798	5.8	9
110	Fe/Fe ₃ C nanoparticle-decorated N-doped carbon nanofibers for improving the nitrogen selectivity of electrocatalytic nitrate reduction. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 15853-15863	13	42
109	Engineering Carbon Distribution in Silicon-Based Anodes at Multiple Scales. <i>Chemistry - A European Journal</i> , 2020 , 26, 1488-1496	4.8	9
108	Regulating ambient pressure approach to graphitic carbon nitride towards dispersive layers and rich pyridinic nitrogen. <i>Chinese Chemical Letters</i> , 2020 , 31, 1603-1607	8.1	5
107	Toward understanding the interaction within Silicon-based anodes for stable lithium storage. <i>Chemical Engineering Journal</i> , 2020 , 385, 123821	14.7	36
106	Spatially Nanoconfined Architectures: A Promising Design for Selective Catalytic Reduction of NOx. <i>ChemCatChem</i> , 2020 , 12, 5599-5610	5.2	5
105	Boosting the electrocatalysis of nitrate to nitrogen with iron nanoparticles embedded in carbon microspheres. <i>Chemical Communications</i> , 2020 , 56, 14685-14688	5.8	11
104	Cobalt-Based Metal-Organic Frameworks and Their Derivatives for Hydrogen Evolution Reaction. <i>Frontiers in Chemistry</i> , 2020 , 8, 592915	5	8
103	Interfacial engineering of core-shell structured mesoporous architectures from single-micelle building blocks. <i>Nano Today</i> , 2020 , 35, 100940	17.9	8
102	Polydopamine-Derived Carbon: What a Critical Role for Lithium Storage?. <i>Frontiers in Energy Research</i> , 2020 , 8,	3.8	2
101	Exploring Thermoelectric Property Improvement for Binary Copper Chalcogenides. <i>Frontiers in Materials</i> , 2020 , 7,	4	1
100	Confined interfacial micelle aggregating assembly of ordered macro-mesoporous tungsten oxides for HS sensing. <i>Nanoscale</i> , 2020 , 12, 20811-20819	7.7	7
99	Bowl-like mesoporous polymer-induced interface growth of molybdenum disulfide for stable lithium storage. <i>Chemical Engineering Journal</i> , 2020 , 381, 122651	14.7	27
98	Synthesis of freestanding PEDOT:PSS/PVA@Ag NPs nanofiber film for high-performance flexible thermoelectric generator. <i>Polymer</i> , 2019 , 167, 102-108	3.9	31
97	Hollow-Carbon-Templated Few-Layered VS Nanosheets Enabling Ultrafast Potassium Storage and Long-Term Cycling. <i>ACS Nano</i> , 2019 , 13, 7939-7948	16.7	97

96	Carbon-Encapsulated Copper Sulfide Leading to Enhanced Thermoelectric Properties. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 22457-22463	9.5	22
95	Facile synthesis of mesoporous WO ₃ @graphene aerogel nanocomposites for low-temperature acetone sensing. <i>Chinese Chemical Letters</i> , 2019 , 30, 2032-2038	8.1	25
94	Spatially Confined Tuning the Interfacial Synergistic Catalysis in Mesochannels toward Selective Catalytic Reduction. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 19242-19251	9.5	14
93	Mesoporous WO Nanofibers With Crystalline Framework for High-Performance Acetone Sensing. <i>Frontiers in Chemistry</i> , 2019 , 7, 266	5	21
92	Engineering the Distribution of Carbon in Silicon Oxide Nanospheres at the Atomic Level for Highly Stable Anodes. <i>Angewandte Chemie</i> , 2019 , 131, 6741-6745	3.6	14
91	Engineering the Distribution of Carbon in Silicon Oxide Nanospheres at the Atomic Level for Highly Stable Anodes. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 6669-6673	16.4	142
90	Encapsulation of core-satellite silicon in carbon for rational balance of the void space and capacity. <i>Chemical Communications</i> , 2019 , 55, 10531-10534	5.8	24
89	Surface Anchoring Approach for Growth of CeO Nanocrystals on Prussian Blue Capsules Enable Superior Lithium Storage. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 33082-33090	9.5	15
88	Tailoring the Assembly of Iron Nanoparticles in Carbon Microspheres toward High-Performance Electrocatalytic Denitrification. <i>Nano Letters</i> , 2019 , 19, 5423-5430	11.5	72
87	Boosting the initial coulombic efficiency in silicon anodes through interfacial incorporation of metal nanocrystals. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 17426-17434	13	61
86	Hierarchical Branched Mesoporous TiO-SnO Nanocomposites with Well-Defined n-n Heterojunctions for Highly Efficient Ethanol Sensing. <i>Advanced Science</i> , 2019 , 6, 1902008	13.6	47
85	Silicon: toward eco-friendly reduction techniques for lithium-ion battery applications. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 24715-24737	13	40
84	Bimetallic PdCu Nanocrystals Immobilized by Nitrogen-Containing Ordered Mesoporous Carbon for Electrocatalytic Denitrification. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 3861-3868	9.5	34
83	Low-Dimensional Copper Selenide Nanostructures: Controllable Morphology and its Dependence on Electrocatalytic Performance. <i>ChemElectroChem</i> , 2019 , 6, 574-580	4.3	6
82	Exposed metal oxide active sites on mesoporous titania channels: a promising design for low-temperature selective catalytic reduction of NO with NH ₃ . <i>Chemical Communications</i> , 2018 , 54, 3783-3786	5.8	18
81	Recent progress on sodium ion batteries: potential high-performance anodes. <i>Energy and Environmental Science</i> , 2018 , 11, 2310-2340	35.4	425
80	Nanostructured binary copper chalcogenides: synthesis strategies and common applications. <i>Nanoscale</i> , 2018 , 10, 15130-15163	7.7	46
79	Iron nanoparticles in capsules: derived from mesoporous silica-protected Prussian blue microcubes for efficient selenium removal. <i>Chemical Communications</i> , 2018 , 54, 5887-5890	5.8	23

78	Porous-Carbon-Confined Formation of Monodisperse Iron Nanoparticle Yolks toward Versatile Nanoreactors for Metal Extraction. <i>Chemistry - A European Journal</i> , 2018 , 24, 15663-15668	4.8	13
77	Thin Film Thermoelectric Materials: Classification, Characterization, and Potential for Wearable Applications. <i>Coatings</i> , 2018 , 8, 244	2.9	31
76	Enhancing the thermoelectric performance of filled skutterudite nanocomposites in a wide temperature range via electroless silver plating. <i>Scripta Materialia</i> , 2018 , 146, 136-141	5.6	11
75	Big Potential From Silicon-Based Porous Nanomaterials: In Field of Energy Storage and Sensors. <i>Frontiers in Chemistry</i> , 2018 , 6, 539	5	17
74	Atomic cobalt as an efficient electrocatalyst in sulfur cathodes for superior room-temperature sodium-sulfur batteries. <i>Nature Communications</i> , 2018 , 9, 4082	17.4	223
73	Electrically Conductive and Mechanically Strong Graphene/Mullite Ceramic Composites for High-Performance Electromagnetic Interference Shielding. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 39245-39256	9.5	40
72	Achieving high-performance nitrate electrocatalysis with PdCu nanoparticles confined in nitrogen-doped carbon coralline. <i>Nanoscale</i> , 2018 , 10, 19023-19030	7.7	35
71	Janus nanoarchitectures: From structural design to catalytic applications. <i>Nano Today</i> , 2018 , 22, 62-82	17.9	93
70	Nanoscale zero-valent iron in mesoporous carbon (nZVI@C): stable nanoparticles for metal extraction and catalysis. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 4478-4485	13	46
69	Mesoporous carbon confined palladium-copper alloy composites for high performance nitrogen selective nitrate reduction electrocatalysis. <i>New Journal of Chemistry</i> , 2017 , 41, 2349-2357	3.6	32
68	Amorphous TiO Shells: A Vital Elastic Buffering Layer on Silicon Nanoparticles for High-Performance and Safe Lithium Storage. <i>Advanced Materials</i> , 2017 , 29, 1700523	24	265
67	Surface and Interface Engineering of Silicon-Based Anode Materials for Lithium-Ion Batteries. <i>Advanced Energy Materials</i> , 2017 , 7, 1701083	21.8	249
66	Phenyl-functionalized mesoporous silica materials for the rapid and efficient removal of phthalate esters. <i>Journal of Colloid and Interface Science</i> , 2017 , 487, 354-359	9.3	27
65	Enhanced sequestration of large-sized dissolved organic micropollutants in polymeric membranes incorporated with mesoporous carbon. <i>RSC Advances</i> , 2016 , 6, 81477-81484	3.7	5
64	Achieving High-Performance Room-Temperature Sodium-Sulfur Batteries With S@Interconnected Mesoporous Carbon Hollow Nanospheres. <i>Journal of the American Chemical Society</i> , 2016 , 138, 16576-16579	16.4	225
63	Germanium Nanograin Decoration on Carbon Shell: Boosting Lithium-Storage Properties of Silicon Nanoparticles. <i>Advanced Functional Materials</i> , 2016 , 26, 7800-7806	15.6	59
62	Hierarchical ordered macro/mesoporous titania with a highly interconnected porous structure for efficient photocatalysis. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 16446-16453	13	22
61	Nanoparticles: Germanium Nanograin Decoration on Carbon Shell: Boosting Lithium-Storage Properties of Silicon Nanoparticles (Adv. Funct. Mater. 43/2016). <i>Advanced Functional Materials</i> , 2016 , 26, 7799-7799	15.6	

60	Silicon/Mesoporous Carbon/Crystalline TiO Nanoparticles for Highly Stable Lithium Storage. <i>ACS Nano</i> , 2016 , 10, 10524-10532	16.7	197
59	Ordered mesoporous silica/polyvinylidene fluoride composite membranes for effective removal of water contaminants. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 3850-3857	13	22
58	MoO ₂ /Mo ₂ C/C spheres as anode materials for lithium ion batteries. <i>Carbon</i> , 2016 , 96, 1200-1207	10.4	79
57	Incorporation of well-dispersed sub-5-nm graphitic pencil nanodots into ordered mesoporous frameworks. <i>Nature Chemistry</i> , 2016 , 8, 171-8	17.6	128
56	Critical thickness of phenolic resin-based carbon interfacial layer for improving long cycling stability of silicon nanoparticle anodes. <i>Nano Energy</i> , 2016 , 27, 255-264	17.1	163
55	Highly Ordered Dual Porosity Mesoporous Cobalt Oxide for Sodium-Ion Batteries. <i>Advanced Materials Interfaces</i> , 2016 , 3, 1500464	4.6	54
54	Facile Fabrication of Dendritic Mesoporous SiO ₂ @CdTe@SiO ₂ Fluorescent Nanoparticles for Bioimaging. <i>Particle and Particle Systems Characterization</i> , 2016 , 33, 261-270	3.1	26
53	Direct Superassemblies of Freestanding Metal-Carbon Frameworks Featuring Reversible Crystalline-Phase Transformation for Electrochemical Sodium Storage. <i>Journal of the American Chemical Society</i> , 2016 , 138, 16533-16541	16.4	97
52	A versatile in situ etching-growth strategy for synthesis of yolk-shell structured periodic mesoporous organosilica nanocomposites. <i>RSC Advances</i> , 2016 , 6, 51470-51479	3.7	15
51	Ordered Mesoporous Carbonaceous Materials with Tunable Surface Property for Enrichment of Hexachlorobenzene. <i>Langmuir</i> , 2016 , 32, 9922-9929	4	18
50	Near-Infrared-Light-Induced Fast Drug Release Platform: Mesoporous Silica-Coated Gold Nanoframes for Thermochemotherapy. <i>Particle and Particle Systems Characterization</i> , 2016 , 33, 316-322 ^{3.1}	3.1	9
49	TiO ₂ interpenetrating networks decorated with SnO ₂ nanocrystals: enhanced activity of selective catalytic reduction of NO with NH ₃ . <i>Journal of Materials Chemistry A</i> , 2015 , 3, 1405-1409	13	17
48	General strategy to synthesize uniform mesoporous TiO ₂ /graphene/mesoporous TiO ₂ sandwich-like nanosheets for highly reversible lithium storage. <i>Nano Letters</i> , 2015 , 15, 2186-93	11.5	248
47	Preparation of a mesoporous CuMn/TiO ₂ composite for the degradation of Acid Red 1. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 7399-7405	13	20
46	Branched artificial nanofinger arrays by mesoporous interfacial atomic rearrangement. <i>Journal of the American Chemical Society</i> , 2015 , 137, 4260-6	16.4	29
45	Ultradispersed Palladium Nanoparticles in Three-Dimensional Dendritic Mesoporous Silica Nanospheres: Toward Active and Stable Heterogeneous Catalysts. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 17450-9	9.5	92
44	Yolk-shell silicon-mesoporous carbon anode with compact solid electrolyte interphase film for superior lithium-ion batteries. <i>Nano Energy</i> , 2015 , 18, 133-142	17.1	197
43	Uniform yolk-shell iron sulfide-carbon nanospheres for superior sodium-iron sulfide batteries. <i>Nature Communications</i> , 2015 , 6, 8689	17.4	322

42	Aqueous preparation of surfactant-free copper selenide nanowires. <i>Journal of Colloid and Interface Science</i> , 2015 , 442, 140-6	9.3	48
41	3D hierarchical porous graphene aerogel with tunable meso-pores on graphene nanosheets for high-performance energy storage. <i>Scientific Reports</i> , 2015 , 5, 14229	4.9	108
40	Monodisperse core-shell structured magnetic mesoporous aluminosilicate nanospheres with large dendritic mesochannels. <i>Nano Research</i> , 2015 , 8, 2503-2514	10	70
39	A versatile designed synthesis of magnetically separable nano-catalysts with well-defined core-shell nanostructures. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 6071-6074	13	57
38	Dual-pore mesoporous carbon@silica composite core-shell nanospheres for multidrug delivery. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 5366-70	16.4	153
37	Facile preparation of Cu/Mn/CeO ₂ /SBA-15 catalysts using ceria as an auxiliary for advanced oxidation processes. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 10654	13	38
36	Boric acid assisted formation of mesostructured silica: from hollow spheres to hierarchical assembly. <i>RSC Advances</i> , 2014 , 4, 20069-20076	3.7	14
35	Large pore mesostructured cellular silica foam coated magnetic oxide composites with multilamellar vesicle shells for adsorption. <i>Chemical Communications</i> , 2014 , 50, 713-5	5.8	39
34	A triblock-copolymer-templating route to carbon spheres@SBA-15 large mesopore core-shell and hollow structures. <i>RSC Advances</i> , 2014 , 4, 48676-48681	3.7	4
33	Enhanced sodium-ion battery performance by structural phase transition from two-dimensional hexagonal-SnS ₂ to orthorhombic-SnS. <i>ACS Nano</i> , 2014 , 8, 8323-33	16.7	534
32	Highly reversible and large lithium storage in mesoporous Si/C nanocomposite anodes with silicon nanoparticles embedded in a carbon framework. <i>Advanced Materials</i> , 2014 , 26, 6749-55	24	234
31	Biphase stratification approach to three-dimensional dendritic biodegradable mesoporous silica nanospheres. <i>Nano Letters</i> , 2014 , 14, 923-32	11.5	503
30	Controllable fabrication of dendritic mesoporous silica-carbon nanospheres for anthracene removal. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 11045	13	29
29	Mesoporous silica-coated plasmonic nanostructures for surface-enhanced Raman scattering detection and photothermal therapy. <i>Advanced Healthcare Materials</i> , 2014 , 3, 1620-8	10.1	61
28	Dual-Pore Mesoporous Carbon@Silica Composite Core-Shell Nanospheres for Multidrug Delivery. <i>Angewandte Chemie</i> , 2014 , 126, 5470-5474	3.6	44
27	Spatially Confined Fabrication of Core-Shell Gold [email(protected)] Silica for Near-Infrared Controlled Photothermal Drug Release. <i>Chemistry of Materials</i> , 2013 , 25, 3030-3037	9.6	276
26	Sol-gel design strategy for ultradispersed TiO ₂ nanoparticles on graphene for high-performance lithium ion batteries. <i>Journal of the American Chemical Society</i> , 2013 , 135, 18300-3	16.4	313
25	Successive Layer-by-Layer Strategy for Multi-Shell Epitaxial Growth: Shell Thickness and Doping Position Dependence in Upconverting Optical Properties. <i>Chemistry of Materials</i> , 2013 , 25, 106-112	9.6	240

24	Simple and Green Synthesis of Nitrogen-Doped Photoluminescent Carbonaceous Nanospheres for Bioimaging. <i>Angewandte Chemie</i> , 2013 , 125, 8309-8313	3.6	41
23	Simple and green synthesis of nitrogen-doped photoluminescent carbonaceous nanospheres for bioimaging. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 8151-5	16.4	378
22	One-step hydrothermal synthesis of carboxyl-functionalized upconversion phosphors for bioapplications. <i>Chemistry - A European Journal</i> , 2012 , 18, 13642-50	4.8	58
21	NIR-triggered release of caged nitric oxide using upconverting nanostructured materials. <i>Small</i> , 2012 , 8, 3800-5	11	154
20	Direct imaging the upconversion nanocrystal core/shell structure at the subnanometer level: shell thickness dependence in upconverting optical properties. <i>Nano Letters</i> , 2012 , 12, 2852-8	11.5	265
19	A versatile kinetics-controlled coating method to construct uniform porous TiO ₂ shells for multifunctional core-shell structures. <i>Journal of the American Chemical Society</i> , 2012 , 134, 11864-7	16.4	357
18	Hydrothermal etching assisted crystallization: a facile route to functional yolk-shell titanate microspheres with ultrathin nanosheets-assembled double shells. <i>Journal of the American Chemical Society</i> , 2011 , 133, 15830-3	16.4	268
17	Core-shell Ag@SiO ₂ @mSiO ₂ mesoporous nanocarriers for metal-enhanced fluorescence. <i>Chemical Communications</i> , 2011 , 47, 11618-20	5.8	153
16	Synthesis of well-dispersed layered double hydroxide core@ordered mesoporous silica shell nanostructure (LDH@mSiO ₂) and its application in drug delivery. <i>Nanoscale</i> , 2011 , 3, 4069-73	7.7	61
15	Monodisperse core-shell chitosan microcapsules for pH-responsive burst release of hydrophobic drugs. <i>Soft Matter</i> , 2011 , 7, 4821	3.6	129
14	Synthesis of mesoporous carbon spheres with a hierarchical pore structure for the electrochemical double-layer capacitor. <i>Carbon</i> , 2011 , 49, 1248-1257	10.4	274
13	Synthesis of ordered mesoporous alumina with large pore sizes and hierarchical structure. <i>Microporous and Mesoporous Materials</i> , 2011 , 143, 406-412	5.3	89
12	Mesoporous silica encapsulating upconversion luminescence rare-earth fluoride nanorods for secondary excitation. <i>Langmuir</i> , 2010 , 26, 8850-6	4	99
11	Facile synthesis of highly stable and well-dispersed mesoporous ZrO ₂ /carbon composites with high performance in oxidative dehydrogenation of ethylbenzene. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 10996-1003	3.6	15
10	Facile synthesis of porous carbon nitride spheres with hierarchical three-dimensional mesostructures for CO ₂ capture. <i>Nano Research</i> , 2010 , 3, 632-642	10	315
9	Hydrothermal Synthesis and Photoluminescence of Hierarchical Lead Tungstate Superstructures: Effects of Reaction Temperature and Surfactants. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 1736-1742	2.3	18
8	Controlled Synthesis and Functionalization of Ordered Large-Pore Mesoporous Carbons. <i>Advanced Functional Materials</i> , 2010 , 20, 3658-3665	15.6	117
7	Direct triblock-copolymer-templating synthesis of ordered nitrogen-containing mesoporous polymers. <i>Journal of Colloid and Interface Science</i> , 2010 , 342, 579-85	9.3	79

6	A curing agent method to synthesize ordered mesoporous carbons from linear novolac phenolic resin polymers. <i>Journal of Materials Chemistry</i> , 2009 , 19, 6536		32
5	Phase engineering of dual active 2D Bi ₂ O ₃ -based nanocatalysts for alkaline hydrogen evolution reaction electrocatalysis. <i>Journal of Materials Chemistry A</i> ,	13	3
4	Boron heteroatom-doped silicon-carbon peanut-like composites enables long life lithium-ion batteries. <i>Rare Metals</i> ,1	5-5	13
3	Feasible Degradation of Polyethylene Terephthalate Fiber-Based Microplastics in Alkaline Media with Bi ₂ O ₃ @N-TiO ₂ Z-Scheme Photocatalytic System. <i>Advanced Sustainable Systems</i> ,2100516	5-9	2
2	Efficient Photocatalytic Degradation of the Persistent PET Fiber-Based Microplastics over Pt Nanoparticles Decorated N-Doped TiO ₂ Nanoflowers. <i>Advanced Fiber Materials</i> ,1	10-9	2
1	Fiber Materials for Electrocatalysis Applications. <i>Advanced Fiber Materials</i> ,1	10-9	6