

# Yunfeng Lu

## List of Publications by Year in Descending Order

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**Version:** 2024-04-23

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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.

162  
papers

7,304  
citations

47  
h-index

81  
g-index

169  
ext. papers

8,625  
ext. citations

12  
avg, IF

6.12  
L-index

#	Paper	IF	Citations
162	Effective Genome Editing Using CRISPR-Cas9 Nanoflowers.. <i>Advanced Healthcare Materials</i> , <b>2022</b> , e2102365	11.5	0
161	Spheres of Graphene and Carbon Nanotubes Embedding Silicon as Mechanically Resilient Anodes for Lithium-Ion Batteries.. <i>Nano Letters</i> , <b>2022</b> ,	11.5	5
160	l-Asparaginase In Situ Encapsulated into Zwitterionic Nanocapsules with a Prolonged Half-Life. <i>ACS Applied Polymer Materials</i> , <b>2022</b> , 4, 2757-2766	4.3	
159	High Performance Sodium Ion Anodes Based on Sn <sub>4</sub> P <sub>3</sub> Encapsulated within Amphiphilic Graphene Tubes. <i>Advanced Energy Materials</i> , <b>2022</b> , 12, 2102345	21.8	3
158	Real-Time Quantification of Cell Internalization Kinetics by Bioluminescent Probes. <i>Methods in Molecular Biology</i> , <b>2022</b> , 93-107	1.4	
157	An Antioxidant Enzyme Therapeutic for Sepsis. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2021</b> , 9, 800684	5.8	0
156	Electrolyte Modulators towards Polarization Mitigated Lithium-Ion Batteries for Sustainable Electric Transportation. <i>Advanced Materials</i> , <b>2021</b> , e2107787	24	1
155	Biodegradable Polymer with Effective Near-Infrared-II Absorption as a Photothermal Agent for Deep Tumor Therapy. <i>Advanced Materials</i> , <b>2021</b> , e2105976	24	15
154	Enzyme Therapeutic for Ischemia and Reperfusion Injury in Organ Transplantation. <i>Advanced Materials</i> , <b>2021</b> , e2105670	24	1
153	Graphite-Embedded Lithium Iron Phosphate for High-Power-Energy Cathodes. <i>Nano Letters</i> , <b>2021</b> , 21, 2572-2579	11.5	8
152	Demystifying the catalysis in lithium-sulfur batteries: Characterization methods and techniques. <i>SusMat</i> , <b>2021</b> , 1, 51-65		28
151	Electrolyte Interphase Built from Anionic Covalent Organic Frameworks for Lithium Dendrite Suppression. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2009718	15.6	16
150	Systemic delivery of microRNA for treatment of brain ischemia. <i>Nano Research</i> , <b>2021</b> , 14, 3319-3328	10	1
149	Regulating the Stable Lithium and Polysulfide Deposition in Batteries by a Gold Nanoparticle Modified Vertical Graphene Host. <i>Advanced Energy and Sustainability Research</i> , <b>2021</b> , 2, 2100044	1.6	1
148	Improved delivery of broadly neutralizing antibodies by nanocapsules suppresses SHIV infection in the CNS of infant rhesus macaques. <i>PLoS Pathogens</i> , <b>2021</b> , 17, e1009738	7.6	3
147	The communities and functional profiles of virioplankton along a salinity gradient in a subtropical estuary. <i>Science of the Total Environment</i> , <b>2021</b> , 759, 143499	10.2	5
146	High-Conductivity/Dispersibility Graphene Made by Catalytic Exfoliation of Graphite for Lithium-Ion Battery. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2007630	15.6	9

145	Vapor deposition of aluminium oxide into N-rich mesoporous carbon framework as a reversible sulfur host for lithium-sulfur battery cathode. <i>Nano Research</i> , <b>2021</b> , 14, 131-138	10	12
144	An efficient photo-chemo combination therapeutic platform based on targeted reduction-responsive self-crosslinked polymer nanocapsules. <i>Materials Advances</i> , <b>2021</b> , 2, 3020-3030	3.3	1
143	Mussel-inspired triblock functional protein coating with endothelial cell selectivity for endothelialization. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 576, 68-78	9.3	11
142	A Powder Metallurgic Approach toward High-Performance Lithium Metal Anodes. <i>Small</i> , <b>2020</b> , 16, e2000794	11.4	15
141	Electrolyte Membranes with Biomimetic Lithium-Ion Channels. <i>Nano Letters</i> , <b>2020</b> , 20, 5435-5442	11.5	25
140	MOFs Conferred with Transient Metal Centers for Enhanced Photocatalytic Activity. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 17335-17339	3.6	3
139	MOFs Conferred with Transient Metal Centers for Enhanced Photocatalytic Activity. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 17182-17186	16.4	41
138	Robust Single-Molecule Enzyme Nanocapsules for Biosensing with Significantly Improved Biosensor Stability. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 5830-5837	7.8	28
137	Engineered a novel pH-sensitive short major ampullate spidroin. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 154, 698-705	7.9	4
136	Tin-graphene tubes as anodes for lithium-ion batteries with high volumetric and gravimetric energy densities. <i>Nature Communications</i> , <b>2020</b> , 11, 1374	17.4	61
135	Multi-functional anodes boost the transient power and durability of proton exchange membrane fuel cells. <i>Nature Communications</i> , <b>2020</b> , 11, 1191	17.4	36
134	CVD-assisted fabrication of hierarchical microparticulate LiTiSiO-carbon nanospheres for ultrafast lithium storage. <i>Nanoscale</i> , <b>2020</b> , 12, 13918-13925	7.7	3
133	Porous carbon microspheres with highly graphitized structure for potassium-ion storage. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 577, 48-53	9.3	8
132	Facile fabrication of a high-efficient and biocompatibility biocatalyst for bisphenol A removal. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 150, 948-954	7.9	4
131	3D Hydrangea Macrophylla-like Nickel-Vanadium Metal-Organic Frameworks Formed by Self-Assembly of Ultrathin 2D Nanosheets for Overall Water Splitting. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 48495-48510	9.5	18
130	Dual redox mediators accelerate the electrochemical kinetics of lithium-sulfur batteries. <i>Nature Communications</i> , <b>2020</b> , 11, 5215	17.4	47
129	Ion-Transport-Rectifying Layer Enables Li-Metal Batteries with High Energy Density. <i>Matter</i> , <b>2020</b> , 3, 1685-1700	12.7	33
128	Facilitating Lithium-Ion Conduction in Gel Polymer Electrolyte by Metal-Organic Frameworks <b>2020</b> , 2, 1435-1441		17

127	Covalently Bonded Si-Polymer Nanocomposites Enabled by Mechanochemical Synthesis as Durable Anode Materials. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 39127-39134	9.5	4
126	Catalase-Based Therapeutics: An Antioxidant Enzyme Therapeutic for COVID-19 (Adv. Mater. 43/2020). <i>Advanced Materials</i> , <b>2020</b> , 32, 2070321	24	1
125	Particulate Anion Sorbents as Electrolyte Additives for Lithium Batteries. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 2003055	15.6	18
124	Semiliquid electrolytes with anion-adsorbing metal-organic frameworks for high-rate lithium batteries. <i>Chemical Communications</i> , <b>2020</b> , 56, 13603-13606	5.8	2
123	An Antioxidant Enzyme Therapeutic for COVID-19. <i>Advanced Materials</i> , <b>2020</b> , 32, e2004901	24	34
122	Class of Solid-like Electrolytes for Rechargeable Batteries Based on Metal-Organic Frameworks Infiltrated with Liquid Electrolytes. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 43824-43832	9.5	11
121	A Lightweight 3D Cu Nanowire Network with Phosphidation Gradient as Current Collector for High-Density Nucleation and Stable Deposition of Lithium. <i>Advanced Materials</i> , <b>2019</b> , 31, e1904991	24	64
120	Anchoring anions with metal-organic framework-functionalized separators for advanced lithium batteries. <i>Nanoscale Horizons</i> , <b>2019</b> , 4, 705-711	10.8	53
119	Efficient Delivery of Nerve Growth Factors to the Central Nervous System for Neural Regeneration. <i>Advanced Materials</i> , <b>2019</b> , 31, e1900727	24	46
118	In Situ Modification of the Tumor Cell Surface with Immunomodulating Nanoparticles for Effective Suppression of Tumor Growth in Mice. <i>Advanced Materials</i> , <b>2019</b> , 31, e1902542	24	34
117	Thermally Robust Porous Bimetallic (Ni Pt) Alloy Mesocrystals within Carbon Framework: High-Performance Catalysts for Oxygen Reduction and Hydrogenation Reactions. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 21435-21444	9.5	9
116	3D Graphene Nanostructure Composed of Porous Carbon Sheets and Interconnected Nanocages for High-Performance Lithium-Ion Battery Anodes and Lithium-Sulfur Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 11241-11249	8.3	24
115	Brain Tumor Therapy: Systemic Delivery of Monoclonal Antibodies to the Central Nervous System for Brain Tumor Therapy (Adv. Mater. 19/2019). <i>Advanced Materials</i> , <b>2019</b> , 31, 1970138	24	
114	Novel Mussel-Inspired Universal Surface Functionalization Strategy: Protein-Based Coating with Residue-Specific Post-Translational Modification in Vivo. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 12846-12853	9.5	16
113	Anion-Sorbent Composite Separators for High-Rate Lithium-Ion Batteries. <i>Advanced Materials</i> , <b>2019</b> , 31, e1808338	24	103
112	High-quality mesoporous graphene particles as high-energy and fast-charging anodes for lithium-ion batteries. <i>Nature Communications</i> , <b>2019</b> , 10, 1474	17.4	93
111	A Bioinspired Platform for Effective Delivery of Protein Therapeutics to the Central Nervous System. <i>Advanced Materials</i> , <b>2019</b> , 31, e1807557	24	47
110	Systemic Delivery of Monoclonal Antibodies to the Central Nervous System for Brain Tumor Therapy. <i>Advanced Materials</i> , <b>2019</b> , 31, e1805697	24	54

109	Enhanced Delivery of Rituximab Into Brain and Lymph Nodes Using Timed-Release Nanocapsules in Non-Human Primates. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 3132	8.4	7
108	A lightweight carbon nanofiber-based 3D structured matrix with high nitrogen-doping level for lithium metal anodes. <i>Science China Materials</i> , <b>2019</b> , 62, 87-94	7.1	41
107	Real-Time Quantification of Cell Internalization Kinetics by Functionalized Bioluminescent Nanoprobes. <i>Advanced Materials</i> , <b>2019</b> , 31, e1902469	24	5
106	Neural Regeneration: Efficient Delivery of Nerve Growth Factors to the Central Nervous System for Neural Regeneration (Adv. Mater. 33/2019). <i>Advanced Materials</i> , <b>2019</b> , 31, 1970233	24	2
105	Tumor Microenvironment-Tailored Weakly Cell-Interacted Extracellular Delivery Platform Enables Precise Antibody Release and Function. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1903296	15.6	12
104	Sustained delivery and molecular targeting of a therapeutic monoclonal antibody to metastases in the central nervous system of mice. <i>Nature Biomedical Engineering</i> , <b>2019</b> , 3, 706-716	19	41
103	Extracellular Delivery: Tumor Microenvironment-Tailored Weakly Cell-Interacted Extracellular Delivery Platform Enables Precise Antibody Release and Function (Adv. Funct. Mater. 43/2019). <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1970301	15.6	2
102	A novel Granzyme B nanoparticle delivery system simulates immune cell functions for suppression of solid tumors. <i>Theranostics</i> , <b>2019</b> , 9, 7616-7627	12.1	20
101	StiffSoftBinary Synergistic Aerogels with Superflexibility and High Thermal Insulation Performance. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1806407	15.6	61
100	Graphitic Carbon Nitride Induced Micro-Electric Field for Dendrite-Free Lithium Metal Anodes. <i>Advanced Energy Materials</i> , <b>2019</b> , 9, 1803186	21.8	106
99	Vertically Aligned Lithiophilic CuO Nanosheets on a Cu Collector to Stabilize Lithium Deposition for Lithium Metal Batteries. <i>Advanced Energy Materials</i> , <b>2018</b> , 8, 1703404	21.8	198
98	A Hepatocyte-Mimicking Antidote for Alcohol Intoxication. <i>Advanced Materials</i> , <b>2018</b> , 30, e1707443	24	12
97	Nanocapsules of oxalate oxidase for hyperoxaluria treatment. <i>Nano Research</i> , <b>2018</b> , 11, 2682-2688	10	10
96	In Situ High-Level Nitrogen Doping into Carbon Nanospheres and Boosting of Capacitive Charge Storage in Both Anode and Cathode for a High-Energy 4.5 V Full-Carbon Lithium-Ion Capacitor. <i>Nano Letters</i> , <b>2018</b> , 18, 3368-3376	11.5	118
95	Creating Lithium-Ion Electrolytes with Biomimetic Ionic Channels in Metal-Organic Frameworks. <i>Advanced Materials</i> , <b>2018</b> , 30, e1707476	24	146
94	Dense Graphene Monolith for High Volumetric Energy Density Li <sup>+</sup> Batteries. <i>Advanced Energy Materials</i> , <b>2018</b> , 8, 1703438	21.8	78
93	Fabrication of Hybrid Silicate Coatings by a Simple Vapor Deposition Method for Lithium Metal Anodes. <i>Advanced Energy Materials</i> , <b>2018</b> , 8, 1701744	21.8	101
92	Iron-decorated nitrogen-rich carbons as efficient oxygen reduction electrocatalysts for Zn-air batteries. <i>Nanoscale</i> , <b>2018</b> , 10, 16996-17001	7.7	21

91	Approaching Theoretical Capacities in Thick Lithium Vanadium Phosphate Electrodes at High Charge/Discharge Rates. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2018</b> , 6, 15608-15617	8.3	12
90	In Situ Doping Boron Atoms into Porous Carbon Nanoparticles with Increased Oxygen Graft Enhances both Affinity and Durability toward Electrolyte for Greatly Improved Supercapacitive Performance. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1804190	15.6	101
89	Graphene Caging Silicon Particles for High-Performance Lithium-Ion Batteries. <i>Small</i> , <b>2018</b> , 14, e1800635	11	104
88	Encapsulating Therapeutic Proteins with Polyzwitterions for Lower Macrophage Nonspecific Uptake and Longer Circulation Time. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 7972-7978	9.5	28
87	Pseudocapacitive Sodium Storage in Mesoporous Single-Crystal-like TiO-Graphene Nanocomposite Enables High-Performance Sodium-Ion Capacitors. <i>ACS Nano</i> , <b>2017</b> , 11, 2952-2960	16.7	443
86	Regenerative Polysulfide-Scavenging Layers Enabling Lithium-Sulfur Batteries with High Energy Density and Prolonged Cycling Life. <i>ACS Nano</i> , <b>2017</b> , 11, 2697-2705	16.7	111
85	Nanocapsules of therapeutic proteins with enhanced stability and long blood circulation for hyperuricemia management. <i>Journal of Controlled Release</i> , <b>2017</b> , 255, 54-61	11.7	17
84	Synthesis of Graphene-like Mesoporous carbons for shape-stabilized phase change materials with high loading capacity and improved latent heat. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 24321-24328	13	54
83	Facile synthesis of Cu <sub>3</sub> (BTC) <sub>2</sub> /cellulose acetate mixed matrix membranes and their catalytic applications in continuous flow process. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 9123-9129	3.6	13
82	Use of regenerated cellulose to direct hetero-assembly of nanoparticles with carbon nanotubes for producing flexible battery anodes. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 13944-13949	13	25
81	Post Iron Decoration of Mesoporous Nitrogen-Doped Carbon Spheres for Efficient Electrochemical Oxygen Reduction. <i>Advanced Energy Materials</i> , <b>2017</b> , 7, 1701154	21.8	57
80	Co(II) complexes loaded into metal-organic frameworks as efficient heterogeneous catalysts for aerobic epoxidation of olefins. <i>Catalysis Science and Technology</i> , <b>2016</b> , 6, 161-168	5.5	53
79	One-Step Synthesis of Microporous Carbon Monoliths Derived from Biomass with High Nitrogen Doping Content for Highly Selective CO <sub>2</sub> Capture. <i>Scientific Reports</i> , <b>2016</b> , 6, 30049	4.9	53
78	Fabrication of hierarchical composite microspheres of copper-doped Fe <sub>3</sub> O <sub>4</sub> @P4VP@ZIF-8 and their application in aerobic oxidation. <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 10127-10135	3.6	18
77	Encapsulation of SnO <sub>2</sub> nanocrystals into hierarchically porous carbon by melt infiltration for high-performance lithium storage. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 18706-18710	13	38
76	One-Pot Fabrication of Hierarchical Nanosheet-Based TiO <sub>2</sub> -Carbon Hollow Microspheres for Anode Materials of High-Rate Lithium-Ion Batteries. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 6031-6	4.8	23
75	Estimation of desertification risk from soil erosion: a case study for Gansu Province, China. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2016</b> , 30, 2215-2229	3.5	3
74	Prolonging the plasma circulation of proteins by nano-encapsulation with phosphorylcholine-based polymer. <i>Nano Research</i> , <b>2016</b> , 9, 2424-2432	10	45

73	Covalent modification of graphite oxide with acetic anhydride to enhance dispersibility in organic solvents. <i>Functional Materials Letters</i> , <b>2016</b> , 09, 1650044	1.2	1
72	Evolution of the effect of sulfur confinement in graphene-based porous carbons for use in Li-S batteries. <i>Nanoscale</i> , <b>2016</b> , 8, 4447-51	7.7	59
71	Confined growth of Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> nanoparticles in nitrogen-doped mesoporous graphene fibers for high-performance lithium-ion battery anodes. <i>Nano Research</i> , <b>2016</b> , 9, 230-239	10	43
70	Phosphorylcholine polymer nanocapsules prolong the circulation time and reduce the immunogenicity of therapeutic proteins. <i>Nano Research</i> , <b>2016</b> , 9, 1022-1031	10	58
69	Expression and Characterization of a Novel 1,3-Propanediol Dehydrogenase from <i>Lactobacillus brevis</i> . <i>Applied Biochemistry and Biotechnology</i> , <b>2016</b> , 179, 959-72	3.2	12
68	Lithium-Ion Batteries: Ionic Liquid-Assisted Synthesis of TiO <sub>2</sub> /Carbon Hybrid Nanostructures for Lithium-Ion Batteries (Adv. Funct. Mater. 9/2016). <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 1487-1487	15.6	1
67	Ionic Liquid-Assisted Synthesis of TiO <sub>2</sub> /Carbon Hybrid Nanostructures for Lithium-Ion Batteries. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 1338-1346	15.6	91
66	A High-Throughput Platform for Formulating and Screening Multifunctional Nanoparticles Capable of Simultaneous Delivery of Genes and Transcription Factors. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 177-181	3.6	3
65	Growth-Factor Nanocapsules That Enable Tunable Controlled Release for Bone Regeneration. <i>ACS Nano</i> , <b>2016</b> , 10, 7362-9	16.7	30
64	An intracellular protein delivery platform based on glutathione-responsive protein nanocapsules. <i>Chemical Communications</i> , <b>2016</b> , 52, 13608-13611	5.8	14
63	Nitrogen-rich carbon spheres made by a continuous spraying process for high-performance supercapacitors. <i>Nano Research</i> , <b>2016</b> , 9, 3209-3221	10	59
62	Spatially Interlinked Graphene with Uniformly Loaded Sulfur for High Performance Li-S Batteries. <i>Chinese Journal of Chemistry</i> , <b>2016</b> , 34, 41-45	4.9	10
61	Monolithic nitrogen-doped graphene frameworks as ultrahigh-rate anodes for lithium ion batteries. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 15738-15744	13	25
60	Fabrication of nanofibres with azopyridine compounds in various acids and solvents. <i>RSC Advances</i> , <b>2015</b> , 5, 31219-31225	3.7	11
59	Mn-doped Li <sub>3</sub> V <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> nanocrystal with enhanced electrochemical properties based on aerosol synthesis method. <i>Journal of Materials Science</i> , <b>2015</b> , 50, 3075-3082	4.3	12
58	Photothermal effect of azopyridine compounds and their applications. <i>RSC Advances</i> , <b>2015</b> , 5, 4675-4680	3.7	25
57	Enzyme-Responsive Delivery of Multiple Proteins with Spatiotemporal Control. <i>Advanced Materials</i> , <b>2015</b> , 27, 3620-5	24	58
56	Enzyme therapeutics for systemic detoxification. <i>Advanced Drug Delivery Reviews</i> , <b>2015</b> , 90, 24-39	18.5	32

55	Packing sulfur into carbon framework for high volumetric performance lithium-sulfur batteries. <i>Science China Materials</i> , <b>2015</b> , 58, 349-354	7.1	39
54	Aerosol-Assisted Heteroassembly of Oxide Nanocrystals and Carbon Nanotubes into 3D Mesoporous Composites for High-Rate Electrochemical Energy Storage. <i>Small</i> , <b>2015</b> , 11, 3135-42	11	12
53	Hierarchical Nanostructured WO <sub>3</sub> with Biomimetic Proton Channels and Mixed Ionic-Electronic Conductivity for Electrochemical Energy Storage. <i>Nano Letters</i> , <b>2015</b> , 15, 6802-8	11.5	129
52	Asymmetric Colloidal Janus Particle Formation Is Core-Size-Dependent. <i>Langmuir</i> , <b>2015</b> , 31, 9148-54	4	10
51	A carbon sandwich electrode with graphene filling coated by N-doped porous carbon layers for lithium-sulfur batteries. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 20218-20224	13	76
50	Imparting magnetic functionality to iron-based MIL-101 via facile Fe <sub>3</sub> O <sub>4</sub> nanoparticle encapsulation: an efficient and recoverable catalyst for aerobic oxidation. <i>RSC Advances</i> , <b>2015</b> , 5, 78962-78970	3.7	21
49	Polyacrylic Acid Assisted Assembly of Oxide Particles and Carbon Nanotubes for High-Performance Flexible Battery Anodes. <i>Advanced Energy Materials</i> , <b>2015</b> , 5, 1401207	21.8	24
48	Ultrathin mesoporous NiCo <sub>2</sub> O <sub>4</sub> nanosheets as an efficient and reusable catalyst for benzylic oxidation. <i>RSC Advances</i> , <b>2015</b> , 5, 2405-2410	3.7	11
47	Two-phase microfluidic droplet flows of self-crosslinking polymer for the synthesis of protein delivery agent. <i>Journal of Controlled Release</i> , <b>2015</b> , 213, e52-3	11.7	
46	Energy Storage: Aerosol-Assisted Heteroassembly of Oxide Nanocrystals and Carbon Nanotubes into 3D Mesoporous Composites for High-Rate Electrochemical Energy Storage (Small 26/2015). <i>Small</i> , <b>2015</b> , 11, 3196-3196	11	1
45	Inward lithium-ion breathing of hierarchically porous silicon anodes. <i>Nature Communications</i> , <b>2015</b> , 6, 8844	17.4	179
44	Towards superior volumetric performance: design and preparation of novel carbon materials for energy storage. <i>Energy and Environmental Science</i> , <b>2015</b> , 8, 1390-1403	35.4	304
43	Self-Assembled 3D Graphene Monolith from Solution. <i>Journal of Physical Chemistry Letters</i> , <b>2015</b> , 6, 6586-68	6.8	131
42	A high-density graphene-sulfur assembly: a promising cathode for compact Li-S batteries. <i>Nanoscale</i> , <b>2015</b> , 7, 5592-7	7.7	83
41	Reduction of Graphene Oxide by Hydrogen Sulfide: A Promising Strategy for Pollutant Control and as an Electrode for Li-S Batteries. <i>Advanced Energy Materials</i> , <b>2014</b> , 4, 1301565	21.8	131
40	An elastomeric transparent composite electrode based on copper nanowires and polyurethane. <i>Journal of Materials Chemistry C</i> , <b>2014</b> , 2, 1298-1305	7.1	104
39	A three-dimensional graphene skeleton as a fast electron and ion transport network for electrochemical applications. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 3031	13	82
38	Synthesis and characterization of oligo(2,5-bis(3-dodecylthiophen-2-yl)thieno[3,2-b]thiophene)s: effect of the chain length and end-groups on their optical and charge transport properties. <i>Journal of Materials Chemistry C</i> , <b>2014</b> , 2, 9978-9986	7.1	6



37	A wavy graphene/platinum hybrid with increased electroactivity for the methanol oxidation reaction. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 1940-1946	13	28
36	Better lithium-ion storage materials made through hierarchical assemblies of active nanorods and nanocrystals. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 17536-17544	13	12
35	Adaptation Investigations to Respond to Climate Change Projections in Gansu Province, Northern China. <i>Water Resources Management</i> , <b>2014</b> , 28, 1531-1544	3.7	4
34	Carbon nanotube-penetrated mesoporous V <sub>2</sub> O <sub>5</sub> microspheres as high-performance cathode materials for lithium-ion batteries. <i>RSC Advances</i> , <b>2014</b> , 4, 21018-21022	3.7	23
33	A Virtual Water Assessment Methodology for Cropping Pattern Investigation. <i>Water Resources Management</i> , <b>2014</b> , 28, 2331-2349	3.7	14
32	Assembly of Ni(OH) <sub>2</sub> -graphene hybrids with a high electrochemical performance by a one-pot hydrothermal method. <i>New Carbon Materials</i> , <b>2014</b> , 29, 426-431	4.4	8
31	3D Hollow Sn@Carbon-Graphene Hybrid Material as Promising Anode for Lithium-Ion Batteries. <i>Journal of Nanomaterials</i> , <b>2014</b> , 2014, 1-6	3.2	5
30	Co-electro-deposition of the MnO <sub>2</sub> @PEDOT:PSS nanostructured composite for high areal mass, flexible asymmetric supercapacitor devices. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 12432	13	133
29	High-performance ultrafiltration membranes based on polyethersulfone/graphene oxide composites. <i>RSC Advances</i> , <b>2013</b> , 3, 21394	3.7	65
28	Robust lithium-ion anodes based on nanocomposites of iron oxide/carbon/silicate. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 4539	13	22
27	Biomimetic enzyme nanocomplexes and their use as antidotes and preventive measures for alcohol intoxication. <i>Nature Nanotechnology</i> , <b>2013</b> , 8, 187-92	28.7	238
26	High-performance aqueous supercapacitors based on hierarchically porous graphitized carbon. <i>RSC Advances</i> , <b>2012</b> , 2, 1755	3.7	13
25	Low voltage and hysteresis-free blue phase liquid crystal dispersed by ferroelectric nanoparticles. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 19629		77
24	Mesoporous Metal and Metal Alloy Particles Synthesized by Aerosol-Assisted Confined Growth of Nanocrystals. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 10698-10702	3.6	1
23	High-performance flexible lithium-ion electrodes based on robust network architecture. <i>Energy and Environmental Science</i> , <b>2012</b> , 5, 6845	35.4	137
22	Symmetric growth of Pt ultrathin nanowires from dumbbell nuclei for use as oxygen reduction catalysts. <i>Nano Research</i> , <b>2012</b> , 5, 145-151	10	34
21	Hierarchical manganese oxide/carbon nanocomposites for supercapacitor electrodes. <i>Nano Research</i> , <b>2011</b> , 4, 216-225	10	92
20	Synthesis of protein nano-conjugates for cancer therapy. <i>Nano Research</i> , <b>2011</b> , 4, 425-433	10	15

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15	Single-Crystal-like Titania Mesocages. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 1137-1140	3.6	18
14	Delivery of Intact Transcription Factor by Using Self-Assembled Supramolecular Nanoparticles. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 3114-3118	3.6	20
13	Synthesis of composite microgel capsules by ultrasonic spray combined with in situ crosslinking. <i>Soft Matter</i> , <b>2011</b> , 7, 6144	3.6	16
12	A novel intracellular protein delivery platform based on single-protein nanocapsules. <i>Nature Nanotechnology</i> , <b>2010</b> , 5, 48-53	28.7	340
11	A General Synthesis of CuInS Based Multicomponent Solid-Solution Nanocrystals with Tunable Band Gap, Size, and Structure. <i>Journal of Physical Chemistry C</i> , <b>2010</b> , 114, 17293-17297	3.8	53
10	Efficient synthesis of PbTe nanoparticle networks. <i>Nano Research</i> , <b>2010</b> , 3, 685-693	10	16
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8	Emerging Multifunctional Nanostructures. <i>Journal of Nanomaterials</i> , <b>2009</b> , 2009, 1-2	3.2	
7	Direct synthesis of ordered mesoporous polymer/carbon nanofilaments with controlled mesostructures. <i>Journal of Porous Materials</i> , <b>2009</b> , 16, 315-319	2.4	2
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