Yunfeng Lu

List of Publications by Year
in descending order

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160 papers	9,915 citations	26567 56 h-index	39575 94 g-index
169 all docs	169 docs citations	169 times ranked	13099 citing authors

#	Article	IF	Citations
1	Biodegradable Polymer with Effective Nearâ€Infraredâ€Ll Absorption as a Photothermal Agent for Deep Tumor Therapy. Advanced Materials, 2022, 34, e2105976.	11.1	92
2	Enzyme Therapeutic for Ischemia and Reperfusion Injury in Organ Transplantation. Advanced Materials, 2022, 34, e2105670.	11.1	11
3	Electrolyte Modulators toward Polarizationâ€Mitigated Lithiumâ€Ion Batteries for Sustainable Electric Transportation. Advanced Materials, 2022, 34, e2107787.	11.1	15
4	Effective Genome Editing Using CRISPRâ€Cas9 Nanoflowers. Advanced Healthcare Materials, 2022, 11, e2102365.	3.9	8
5	Tuning the electronic structure of Co@Nâ€"C hybrids via metal-doping for efficient electrocatalytic hydrogen evolution reaction. Journal of Materials Chemistry A, 2022, 10, 4981-4991.	5.2	13
6	Spheres of Graphene and Carbon Nanotubes Embedding Silicon as Mechanically Resilient Anodes for Lithium-Ion Batteries. Nano Letters, 2022, 22, 3054-3061.	4.5	42
7	<scp>l</scp>-AsparaginaseIn SituEncapsulated into Zwitterionic Nanocapsules with a Prolonged Half-Life. ACS Applied Polymer Materials, 2022, 4, 2757-2766.	2.0	2
8	High Performance Sodium Ion Anodes Based on Sn₄P₃ Encapsulated within Amphiphilic Graphene Tubes. Advanced Energy Materials, 2022, 12, .	10.2	18
9	High-Performance Battery Separator Made by Thermally Activated Metalâ€"Organic Frameworks. ACS Applied Energy Materials, 2022, 5, 5519-5524.	2.5	6
10	The communities and functional profiles of virioplankton along a salinity gradient in a subtropical estuary. Science of the Total Environment, 2021, 759, 143499.	3.9	16
11	Highâ€Conductivityâ€"Dispersibility Graphene Made by Catalytic Exfoliation of Graphite for Lithiumâ€Ion Battery. Advanced Functional Materials, 2021, 31, 2007630.	7.8	26
12	Vapor deposition of aluminium oxide into N-rich mesoporous carbon framework as a reversible sulfur host for lithium-sulfur battery cathode. Nano Research, 2021, 14, 131-138.	5.8	24
13	Nanoencapsulated rituximab mediates superior cellular immunity against metastatic B-cell lymphoma in a complement competent humanized mouse model. , 2021, 9, e001524.		2
14	Graphite-Embedded Lithium Iron Phosphate for High-Powerâ€"Energy Cathodes. Nano Letters, 2021, 21, 2572-2579.	4.5	33
15	Demystifying the catalysis in lithiumâ€"sulfur batteries: Characterization methods and techniques. SusMat, 2021, 1, 51-65.	7.8	68
16	Electrolyte Interphase Built from Anionic Covalent Organic Frameworks for Lithium Dendrite Suppression. Advanced Functional Materials, 2021, 31, 2009718.	7.8	43
17	Systemic delivery of microRNA for treatment of brain ischemia. Nano Research, 2021, 14, 3319-3328.	5.8	5
18	Regulating the Stable Lithium and Polysulfide Deposition in Batteries by a Gold Nanoparticle Modified Vertical Graphene Host. Advanced Energy and Sustainability Research, 2021, 2, 2100044.	2.8	4

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19	Improved delivery of broadly neutralizing antibodies by nanocapsules suppresses SHIV infection in the CNS of infant rhesus macaques. PLoS Pathogens, 2021, 17, e1009738.	2.1	7
20	An efficient photo-chemo combination therapeutic platform based on targeted reduction-responsive self-crosslinked polymer nanocapsules. Materials Advances, 2021, 2, 3020-3030.	2.6	2
21	An Antioxidant Enzyme Therapeutic for Sepsis. Frontiers in Bioengineering and Biotechnology, 2021, 9, 800684.	2.0	3
22	Facile fabrication of a high-efficient and biocompatibility biocatalyst for bisphenol A removal. International Journal of Biological Macromolecules, 2020, 150, 948-954.	3.6	11
23	3D Hydrangea Macrophylla-like Nickelâ€"Vanadium Metalâ€"Organic Frameworks Formed by Self-Assembly of Ultrathin 2D Nanosheets for Overall Water Splitting. ACS Applied Materials & Interfaces, 2020, 12, 48495-48510.	4.0	57
24	Dual redox mediators accelerate the electrochemical kinetics of lithium-sulfur batteries. Nature Communications, 2020, 11, 5215.	5.8	113
25	Ion-Transport-Rectifying Layer Enables Li-Metal Batteries with High Energy Density. Matter, 2020, 3, 1685-1700.	5.0	75
26	Facilitating Lithium-Ion Conduction in Gel Polymer Electrolyte by Metal-Organic Frameworks. , 2020, 2, 1435-1441.		48
27	Covalently Bonded Siâ€"Polymer Nanocomposites Enabled by Mechanochemical Synthesis as Durable Anode Materials. ACS Applied Materials & Interfaces, 2020, 12, 39127-39134.	4.0	18
28	Catalaseâ€Based Therapeutics: An Antioxidant Enzyme Therapeutic for COVIDâ€19 (Adv. Mater. 43/2020). Advanced Materials, 2020, 32, 2070321.	11.1	1
29	Particulate Anion Sorbents as Electrolyte Additives for Lithium Batteries. Advanced Functional Materials, 2020, 30, 2003055.	7.8	38
30	Semiliquid electrolytes with anion-adsorbing metalâ€"organic frameworks for high-rate lithium batteries. Chemical Communications, 2020, 56, 13603-13606.	2.2	6
31	An Antioxidant Enzyme Therapeutic for COVIDâ€19. Advanced Materials, 2020, 32, e2004901.	11.1	61
32	Class of Solid-like Electrolytes for Rechargeable Batteries Based on Metalâ€"Organic Frameworks Infiltrated with Liquid Electrolytes. ACS Applied Materials & Interfaces, 2020, 12, 43824-43832.	4.0	25
33	Mussel-inspired triblock functional protein coating with endothelial cell selectivity for endothelialization. Journal of Colloid and Interface Science, 2020, 576, 68-78.	5.0	19
34	A Powder Metallurgic Approach toward Highâ€Performance Lithium Metal Anodes. Small, 2020, 16, e2000794.	5.2	22
35	Electrolyte Membranes with Biomimetic Lithium-Ion Channels. Nano Letters, 2020, 20, 5435-5442.	4.5	49
36	MOFs Conferred with Transient Metal Centers for Enhanced Photocatalytic Activity. Angewandte Chemie, 2020, 132, 17335-17339.	1.6	11

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37	MOFs Conferred with Transient Metal Centers for Enhanced Photocatalytic Activity. Angewandte Chemie - International Edition, 2020, 59, 17182-17186.	7.2	121
38	Robust Single-Molecule Enzyme Nanocapsules for Biosensing with Significantly Improved Biosensor Stability. Analytical Chemistry, 2020, 92, 5830-5837.	3.2	41
39	Engineered a novel pH-sensitive short major ampullate spidroin. International Journal of Biological Macromolecules, 2020, 154, 698-705.	3.6	11
40	Tin-graphene tubes as anodes for lithium-ion batteries with high volumetric and gravimetric energy densities. Nature Communications, 2020, 11, 1374.	5.8	127
41	Multi-functional anodes boost the transient power and durability of proton exchange membrane fuel cells. Nature Communications, 2020, 11, 1191.	5.8	65
42	CVD-assisted fabrication of hierarchical microparticulate Li₂TiSiO₅-carbon nanospheres for ultrafast lithium storage. Nanoscale, 2020, 12, 13918-13925.	2.8	6
43	Porous carbon microspheres with highly graphitized structure for potassium-ion storage. Journal of Colloid and Interface Science, 2020, 577, 48-53.	5.0	22
44	A lightweight carbon nanofiber-based 3D structured matrix with high nitrogen-doping level for lithium metal anodes. Science China Materials, 2019, 62, 87-94.	3.5	53
45	Realâ€Time Quantification of Cell Internalization Kinetics by Functionalized Bioluminescent Nanoprobes. Advanced Materials, 2019, 31, e1902469.	11.1	10
46	Neural Regeneration: Efficient Delivery of Nerve Growth Factors to the Central Nervous System for Neural Regeneration (Adv. Mater. 33/2019). Advanced Materials, 2019, 31, 1970233.	11.1	2
47	Tumor Microenvironmentâ€Tailored Weakly Cellâ€Interacted Extracellular Delivery Platform Enables Precise Antibody Release and Function. Advanced Functional Materials, 2019, 29, 1903296.	7.8	16
48	Sustained delivery and molecular targeting of a therapeutic monoclonal antibody to metastases in the central nervous system of mice. Nature Biomedical Engineering, 2019, 3, 706-716.	11.6	75
49	Extracellular Delivery: Tumor Microenvironmentâ€Tailored Weakly Cellâ€Interacted Extracellular Delivery Platform Enables Precise Antibody Release and Function (Adv. Funct. Mater. 43/2019). Advanced Functional Materials, 2019, 29, 1970301.	7.8	4
50	A novel Granzyme B nanoparticle delivery system simulates immune cell functions for suppression of solid tumors. Theranostics, 2019, 9, 7616-7627.	4.6	35
51	A Lightweight 3D Cu Nanowire Network with Phosphidation Gradient as Current Collector for Highâ€Density Nucleation and Stable Deposition of Lithium. Advanced Materials, 2019, 31, e1904991.	11.1	114
52	Anchoring anions with metalâ€"organic framework-functionalized separators for advanced lithium batteries. Nanoscale Horizons, 2019, 4, 705-711.	4.1	71
53	Efficient Delivery of Nerve Growth Factors to the Central Nervous System for Neural Regeneration. Advanced Materials, 2019, 31, e1900727.	11.1	85
54	In Situ Modification of the Tumor Cell Surface with Immunomodulating Nanoparticles for Effective Suppression of Tumor Growth in Mice. Advanced Materials, 2019, 31, e1902542.	11.1	58

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55	Thermally Robust Porous Bimetallic (Ni_xPt_{1â€“x}) Alloy Mesocrystals within Carbon Framework: High-Performance Catalysts for Oxygen Reduction and Hydrogenation Reactions. ACS Applied Materials & Interfaces, 2019, 11, 21435-21444.	4.0	18
56	3D Graphene Nanostructure Composed of Porous Carbon Sheets and Interconnected Nanocages for High-Performance Lithium-Ion Battery Anodes and Lithiumâ€“Sulfur Batteries. ACS Sustainable Chemistry and Engineering, 2019, 7, 11241-11249.	3.2	34
57	Brain Tumor Therapy: Systemic Delivery of Monoclonal Antibodies to the Central Nervous System for Brain Tumor Therapy (Adv. Mater. 19/2019). Advanced Materials, 2019, 31, 1970138.	11.1	0
58	Novel Mussel-Inspired Universal Surface Functionalization Strategy: Protein-Based Coating with Residue-Specific Post-Translational Modification in Vivo. ACS Applied Materials & Interfaces, 2019, 11, 12846-12853.	4.0	28
59	Anionâ€Sorbent Composite Separators for Highâ€Rate Lithiumâ€Ion Batteries. Advanced Materials, 2019, 31, e1808338.	11.1	178
60	High-quality mesoporous graphene particles as high-energy and fast-charging anodes for lithium-ion batteries. Nature Communications, 2019, 10, 1474.	5.8	140
61	A Bioinspired Platform for Effective Delivery of Protein Therapeutics to the Central Nervous System. Advanced Materials, 2019, 31, e1807557.	11.1	79
62	Systemic Delivery of Monoclonal Antibodies to the Central Nervous System for Brain Tumor Therapy. Advanced Materials, 2019, 31, e1805697.	11.1	84
63	â€œStiffâ€“Softâ€•Binary Synergistic Aerogels with Superflexibility and High Thermal Insulation Performance. Advanced Functional Materials, 2019, 29, 1806407.	7.8	111
64	Graphitic Carbon Nitride Induced Microâ€Electric Field for Dendriteâ€Free Lithium Metal Anodes. Advanced Energy Materials, 2019, 9, 1803186.	10.2	147
65	Enhanced Delivery of Rituximab Into Brain and Lymph Nodes Using Timed-Release Nanocapsules in Non-Human Primates. Frontiers in Immunology, 2019, 10, 3132.	2.2	16
66	Vertically Aligned Lithiophilic CuO Nanosheets on a Cu Collector to Stabilize Lithium Deposition for Lithium Metal Batteries. Advanced Energy Materials, 2018, 8, 1703404.	10.2	274
67	A Hepatocyteâ€Mimicking Antidote for Alcohol Intoxication. Advanced Materials, 2018, 30, e1707443.	11.1	22
68	Nanocapsules of oxalate oxidase for hyperoxaluria treatment. Nano Research, 2018, 11, 2682-2688.	5.8	16
69	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. Nano Letters, 2018, 18, 3368-3376.	4.5	163
70	Creating Lithiumâ€Ion Electrolytes with Biomimetic Ionic Channels in Metalâ€“Organic Frameworks. Advanced Materials, 2018, 30, e1707476.	11.1	230
71	Dense Graphene Monolith for High Volumetric Energy Density Liâ€“S Batteries. Advanced Energy Materials, 2018, 8, 1703438.	10.2	97
72	Fabrication of Hybrid Silicate Coatings by a Simple Vapor Deposition Method for Lithium Metal Anodes. Advanced Energy Materials, 2018, 8, 1701744.	10.2	138

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73	Approaching Theoretical Capacities in Thick Lithium Vanadium Phosphate Electrodes at High Charge/Discharge Rates. ACS Sustainable Chemistry and Engineering, 2018, 6, 15608-15617.	3.2	14
74	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. Advanced Functional Materials, 2018, 28, 1804190.	7.8	149
75	Graphene Caging Silicon Particles for Highâ€Performance Lithiumâ€Ion Batteries. Small, 2018, 14, e1800635.	5.2	146
76	Iron-decorated nitrogen-rich carbons as efficient oxygen reduction electrocatalysts for Znâ€“air batteries. Nanoscale, 2018, 10, 16996-17001.	2.8	25
77	Encapsulating Therapeutic Proteins with Polyzwitterions for Lower Macrophage Nonspecific Uptake and Longer Circulation Time. ACS Applied Materials & Interfaces, 2017, 9, 7972-7978.	4.0	30
78	Pseudocapacitive Sodium Storage in Mesoporous Single-Crystal-like TiO₂â€“Graphene Nanocomposite Enables High-Performance Sodium-Ion Capacitors. ACS Nano, 2017, 11, 2952-2960.	7.3	542
79	Regenerative Polysulfide-Scavenging Layers Enabling Lithiumâ€“Sulfur Batteries with High Energy Density and Prolonged Cycling Life. ACS Nano, 2017, 11, 2697-2705.	7.3	132
80	Nanocapsules of therapeutic proteins with enhanced stability and long blood circulation for hyperuricemia management. Journal of Controlled Release, 2017, 255, 54-61.	4.8	22
81	Synthesis of â€œgraphene-likeâ€•mesoporous carbons for shape-stabilized phase change materials with high loading capacity and improved latent heat. Journal of Materials Chemistry A, 2017, 5, 24321-24328.	5.2	87
82	Facile synthesis of Cu₃(BTC)₂/cellulose acetate mixed matrix membranes and their catalytic applications in continuous flow process. New Journal of Chemistry, 2017, 41, 9123-9129.	1.4	15
83	Use of regenerated cellulose to direct hetero-assembly of nanoparticles with carbon nanotubes for producing flexible battery anodes. Journal of Materials Chemistry A, 2017, 5, 13944-13949.	5.2	28
84	Post Iron Decoration of Mesoporous Nitrogenâ€Doped Carbon Spheres for Efficient Electrochemical Oxygen Reduction. Advanced Energy Materials, 2017, 7, 1701154.	10.2	65
85	Lithiumâ€Ion Batteries: Ionic Liquidâ€Assisted Synthesis of TiO₂â€“Carbon Hybrid Nanostructures for Lithiumâ€Ion Batteries (Adv. Funct. Mater. 9/2016). Advanced Functional Materials, 2016, 26, 1487-1487.	7.8	1
86	Ionic Liquidâ€Assisted Synthesis of TiO₂â€“Carbon Hybrid Nanostructures for Lithiumâ€Ion Batteries. Advanced Functional Materials, 2016, 26, 1338-1346.	7.8	97
87	Growth-Factor Nanocapsules That Enable Tunable Controlled Release for Bone Regeneration. ACS Nano, 2016, 10, 7362-7369.	7.3	41
88	An intracellular protein delivery platform based on glutathione-responsive protein nanocapsules. Chemical Communications, 2016, 52, 13608-13611.	2.2	15
89	Nitrogen-rich carbon spheres made by a continuous spraying process for high-performance supercapacitors. Nano Research, 2016, 9, 3209-3221.	5.8	78
90	Spatially Interlinked Graphene with Uniformly Loaded Sulfur for High Performance Liâ€S Batteries. Chinese Journal of Chemistry, 2016, 34, 41-45.	2.6	11

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91	One-Step Synthesis of Microporous Carbon Monoliths Derived from Biomass with High Nitrogen Doping Content for Highly Selective CO2 Capture. Scientific Reports, 2016, 6, 30049.	1.6	82
92	Fabrication of hierarchical composite microspheres of copper-doped Fe₃O₄@P4VP@ZIF-8 and their application in aerobic oxidation. New Journal of Chemistry, 2016, 40, 10127-10135.	1.4	21
93	Encapsulation of SnO₂ nanocrystals into hierarchically porous carbon by melt infiltration for high-performance lithium storage. Journal of Materials Chemistry A, 2016, 4, 18706-18710.	5.2	42
94	Oneâ€Pot Fabrication of Hierarchical Nanosheetâ€Based TiO₂â€“Carbon Hollow Microspheres for Anode Materials of Highâ€Rate Lithiumâ€Ion Batteries. Chemistry - A European Journal, 2016, 22, 6031-6036.	1.7	25
95	Estimation of desertification risk from soil erosion: a case study for Gansu Province, China. Stochastic Environmental Research and Risk Assessment, 2016, 30, 2215-2229.	1.9	6
96	Prolonging the plasma circulation of proteins by nano-encapsulation with phosphorylcholine-based polymer. Nano Research, 2016, 9, 2424-2432.	5.8	51
97	Covalent modification of graphite oxide with acetic anhydride to enhance dispersibility in organic solvents. Functional Materials Letters, 2016, 09, 1650044.	0.7	1
98	Evolution of the effect of sulfur confinement in graphene-based porous carbons for use in Liâ€“S batteries. Nanoscale, 2016, 8, 4447-4451.	2.8	69
99	Confined growth of Li4Ti5O12 nanoparticles in nitrogen-doped mesoporous graphene fibers for high-performance lithium-ion battery anodes. Nano Research, 2016, 9, 230-239.	5.8	48
100	Phosphorylcholine polymer nanocapsules prolong the circulation time and reduce the immunogenicity of therapeutic proteins. Nano Research, 2016, 9, 1022-1031.	5.8	77
101	Expression and Characterization of a Novel 1,3-Propanediol Dehydrogenase from Lactobacillus brevis. Applied Biochemistry and Biotechnology, 2016, 179, 959-972.	1.4	15
102	Co(<scp>ii</scp>) complexes loaded into metalâ€“organic frameworks as efficient heterogeneous catalysts for aerobic epoxidation of olefins. Catalysis Science and Technology, 2016, 6, 161-168.	2.1	66
103	Two-phase microfluidic droplet flows of self-crosslinking polymer for the synthesis of protein delivery agent. Journal of Controlled Release, 2015, 213, e52-e53.	4.8	0
104	Energy Storage: Aerosolâ€Assisted Heteroassembly of Oxide Nanocrystals and Carbon Nanotubes into 3D Mesoporous Composites for Highâ€Rate Electrochemical Energy Storage (Small 26/2015). Small, 2015, 11, 3196-3196.	5.2	1
105	Inward lithium-ion breathing of hierarchically porous silicon anodes. Nature Communications, 2015, 6, 8844.	5.8	217
106	Towards superior volumetric performance: design and preparation of novel carbon materials for energy storage. Energy and Environmental Science, 2015, 8, 1390-1403.	15.6	364
107	Self-Assembled 3D Graphene Monolith from Solution. Journal of Physical Chemistry Letters, 2015, 6, 658-668.	2.1	152
108	A high-density grapheneâ€“sulfur assembly: a promising cathode for compact Liâ€“S batteries. Nanoscale, 2015, 7, 5592-5597.	2.8	92

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109	Monolithic nitrogen-doped graphene frameworks as ultrahigh-rate anodes for lithium ion batteries. Journal of Materials Chemistry A, 2015, 3, 15738-15744.	5.2	31
110	Fabrication of nanofibres with azopyridine compounds in various acids and solvents. RSC Advances, 2015, 5, 31219-31225.	1.7	13
111	Mn-doped Li3V2(PO4)3 nanocrystal with enhanced electrochemical properties based on aerosol synthesis method. Journal of Materials Science, 2015, 50, 3075-3082.	1.7	13
112	Photothermal effect of azopyridine compounds and their applications. RSC Advances, 2015, 5, 4675-4680.	1.7	36
113	Enzymeâ€Responsive Delivery of Multiple Proteins with Spatiotemporal Control. Advanced Materials, 2015, 27, 3620-3625.	11.1	73
114	Enzyme therapeutics for systemic detoxification. Advanced Drug Delivery Reviews, 2015, 90, 24-39.	6.6	44
115	Packing sulfur into carbon framework for high volumetric performance lithium-sulfur batteries. Science China Materials, 2015, 58, 349-354.	3.5	40
116	Aerosolâ€Assisted Heteroassembly of Oxide Nanocrystals and Carbon Nanotubes into 3D Mesoporous Composites for Highâ€Rate Electrochemical Energy Storage. Small, 2015, 11, 3135-3142.	5.2	12
117	Hierarchical Nanostructured WO₃ with Biomimetic Proton Channels and Mixed Ionic-Electronic Conductivity for Electrochemical Energy Storage. Nano Letters, 2015, 15, 6802-6808.	4.5	157
118	Asymmetric Colloidal Janus Particle Formation Is Core-Size-Dependent. Langmuir, 2015, 31, 9148-9154.	1.6	11
119	A carbon sandwich electrode with graphene filling coated by N-doped porous carbon layers for lithiumâ€"sulfur batteries. Journal of Materials Chemistry A, 2015, 3, 20218-20224.	5.2	83
120	Imparting magnetic functionality to iron-based MIL-101 via facile Fe₃O₄ nanoparticle encapsulation: an efficient and recoverable catalyst for aerobic oxidation. RSC Advances, 2015, 5, 78962-78970.	1.7	25
121	Polyacrylic Acid Assisted Assembly of Oxide Particles and Carbon Nanotubes for Highâ€Performance Flexible Battery Anodes. Advanced Energy Materials, 2015, 5, 1401207.	10.2	27
122	Ultrathin mesoporous NiCo₂O₄ nanosheets as an efficient and reusable catalyst for benzylic oxidation. RSC Advances, 2015, 5, 2405-2410.	1.7	12
123	Assembly of Ni(OH)2-graphene hybrids with a high electrochemical performance by a one-pot hydrothermal method. New Carbon Materials, 2014, 29, 426-431.	2.9	9
124	3D Hollow Sn@Carbon-Graphene Hybrid Material as Promising Anode for Lithium-Ion Batteries. Journal of Nanomaterials, 2014, 2014, 1-6.	1.5	5
125	Reduction of Graphene Oxide by Hydrogen Sulfide: A Promising Strategy for Pollutant Control and as an Electrode for Liâ€S Batteries. Advanced Energy Materials, 2014, 4, 1301565.	10.2	149
126	An elastomeric transparent composite electrode based on copper nanowires and polyurethane. Journal of Materials Chemistry C, 2014, 2, 1298-1305.	2.7	123

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127	A three-dimensional graphene skeleton as a fast electron and ion transport network for electrochemical applications. Journal of Materials Chemistry A, 2014, 2, 3031.	5.2	96
128	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. Journal of Materials Chemistry C, 2014, 2, 9978-9986.	2.7	7
129	A wavy graphene/platinum hybrid with increased electroactivity for the methanol oxidation reaction. Journal of Materials Chemistry A, 2014, 2, 1940-1946.	5.2	33
130	Better lithium-ion storage materials made through hierarchical assemblies of active nanorods and nanocrystals. Journal of Materials Chemistry A, 2014, 2, 17536-17544.	5.2	12
131	Adaptation Investigations to Respond to Climate Change Projections in Gansu Province, Northern China. Water Resources Management, 2014, 28, 1531-1544.	1.9	5
132	Carbon nanotube-penetrated mesoporous V₂O₅ microspheres as high-performance cathode materials for lithium-ion batteries. RSC Advances, 2014, 4, 21018-21022.	1.7	25
133	A Virtual Water Assessment Methodology for Cropping Pattern Investigation. Water Resources Management, 2014, 28, 2331-2349.	1.9	16
134	Co-electro-deposition of the MnO2â€“PEDOT:PSS nanostructured composite for high areal mass, flexible asymmetric supercapacitor devices. Journal of Materials Chemistry A, 2013, 1, 12432.	5.2	163
135	High-performance ultrafiltration membranes based on polyethersulfoneâ€“graphene oxide composites. RSC Advances, 2013, 3, 21394.	1.7	79
136	Robust lithium-ion anodes based on nanocomposites of iron oxideâ€“carbonâ€“silicate. Journal of Materials Chemistry A, 2013, 1, 4539.	5.2	24
137	Biomimetic enzyme nanocomplexes and their use as antidotes and preventive measures for alcohol intoxication. Nature Nanotechnology, 2013, 8, 187-192.	15.6	289
138	High-performance aqueous supercapacitors based on hierarchically porous graphitized carbon. RSC Advances, 2012, 2, 1755.	1.7	15
139	Low voltage and hysteresis-free blue phase liquid crystal dispersed by ferroelectric nanoparticles. Journal of Materials Chemistry, 2012, 22, 19629.	6.7	82
140	High-performance flexible lithium-ion electrodes based on robust network architecture. Energy and Environmental Science, 2012, 5, 6845.	15.6	144
141	Symmetric growth of Pt ultrathin nanowires from dumbbell nuclei for use as oxygen reduction catalysts. Nano Research, 2012, 5, 145-151.	5.8	36
142	Synthesis of composite microgel capsules by ultrasonic spray combined with in situ crosslinking. Soft Matter, 2011, 7, 6144.	1.2	18
143	Hierarchical manganese oxide/carbon nanocomposites for supercapacitor electrodes. Nano Research, 2011, 4, 216-225.	5.8	102
144	Synthesis of protein nano-conjugates for cancer therapy. Nano Research, 2011, 4, 425-433.	5.8	17

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145	Synthesis of monodisperse Ce x Zr1â^'x O2 nanocrystals and the size-dependent enhancement of their properties. Nano Research, 2011, 4, 494-504.	5.8	4
146	Fabrication of porous scaffolds with protein nanogels. Science China Chemistry, 2011, 54, 961-967.	4.2	3
147	Highâ€Performance Supercapacitors Based on Hierarchically Porous Graphite Particles. Advanced Energy Materials, 2011, 1, 551-556.	10.2	194
148	Highâ€Performance Supercapacitors Based on Nanocomposites of Nb₂O₅ Nanocrystals and Carbon Nanotubes. Advanced Energy Materials, 2011, 1, 1089-1093.	10.2	312
149	Efficient synthesis of PbTe nanoparticle networks. Nano Research, 2010, 3, 685-693.	5.8	18
150	A novel intracellular protein delivery platform based on single-protein nanocapsules. Nature Nanotechnology, 2010, 5, 48-53.	15.6	394
151	A General Synthesis of Cuâ^'Inâ^'S Based Multicomponent Solid-Solution Nanocrystals with Tunable Band Gap, Size, and Structure. Journal of Physical Chemistry C, 2010, 114, 17293-17297.	1.5	53
152	Protein Nanocapsule Weaved with Enzymatically Degradable Polymeric Network. Nano Letters, 2009, 9, 4533-4538.	4.5	139
153	Emerging Multifunctional Nanostructures. Journal of Nanomaterials, 2009, 2009, 1-2.	1.5	0
154	Direct synthesis of ordered mesoporous polymer/carbon nanofilaments with controlled mesostructures. Journal of Porous Materials, 2009, 16, 315-319.	1.3	2
155	Aerosol assisted synthesis of silica/phenolic resin composite mesoporous hollow spheres. Colloid and Polymer Science, 2008, 286, 1361-1368.	1.0	25
156	Functional Mesoporous Polymers From Phenolic Building Oligomers. Macromolecular Rapid Communications, 2008, 29, 442-446.	2.0	16
157	Hierarchical Assembly of Organic/Inorganic Building Molecules with Ï€â€“Ï€ Interactions. Advanced Functional Materials, 2008, 18, 1526-1535.	7.8	29
158	Nanolayered Carbon/Silica Superstructures via Organosilane Assembly. Advanced Materials, 2008, 20, 1199-1204.	11.1	26
159	Water-medium isomerization of homoallylic alcohol over a Ru(ii) organometallic complex immobilized on FDU-12 support. Green Chemistry, 2007, 9, 500.	4.6	41
160	Surfactant-Templated Mesoporous Materials: From Inorganic to Hybrid to Organic. Angewandte Chemie - International Edition, 2006, 45, 7664-7667.	7.2	63