

Yunfeng Lu

List of Publications by Citations

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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	Pseudocapacitive Sodium Storage in Mesoporous Single-Crystal-like TiO-Graphene Nanocomposite Enables High-Performance Sodium-Ion Capacitors. <i>ACS Nano</i> , 2017 , 11, 2952-2960	16.7	443
161	A novel intracellular protein delivery platform based on single-protein nanocapsules. <i>Nature Nanotechnology</i> , 2010 , 5, 48-53	28.7	340
160	Towards superior volumetric performance: design and preparation of novel carbon materials for energy storage. <i>Energy and Environmental Science</i> , 2015 , 8, 1390-1403	35.4	304
159	High-Performance Supercapacitors Based on Nanocomposites of Nb ₂ O ₅ Nanocrystals and Carbon Nanotubes. <i>Advanced Energy Materials</i> , 2011 , 1, 1089-1093	21.8	285
158	Biomimetic enzyme nanocomplexes and their use as antidotes and preventive measures for alcohol intoxication. <i>Nature Nanotechnology</i> , 2013 , 8, 187-92	28.7	238
157	Vertically Aligned Lithiophilic CuO Nanosheets on a Cu Collector to Stabilize Lithium Deposition for Lithium Metal Batteries. <i>Advanced Energy Materials</i> , 2018 , 8, 1703404	21.8	198
156	Inward lithium-ion breathing of hierarchically porous silicon anodes. <i>Nature Communications</i> , 2015 , 6, 8844	17.4	179
155	High-Performance Supercapacitors Based on Hierarchically Porous Graphite Particles. <i>Advanced Energy Materials</i> , 2011 , 1, 551-556	21.8	171
154	Creating Lithium-Ion Electrolytes with Biomimetic Ionic Channels in Metal-Organic Frameworks. <i>Advanced Materials</i> , 2018 , 30, e1707476	24	146
153	High-performance flexible lithium-ion electrodes based on robust network architecture. <i>Energy and Environmental Science</i> , 2012 , 5, 6845	35.4	137
152	Co-electro-deposition of the MnO ₂ /PEDOT:PSS nanostructured composite for high areal mass, flexible asymmetric supercapacitor devices. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 12432	13	133
151	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> , 2014 , 4, 1301565	21.8	131
150	Self-Assembled 3D Graphene Monolith from Solution. <i>Journal of Physical Chemistry Letters</i> , 2015 , 6, 658-68	6.8	131
149	Hierarchical Nanostructured WO ₃ with Biomimetic Proton Channels and Mixed Ionic-Electronic Conductivity for Electrochemical Energy Storage. <i>Nano Letters</i> , 2015 , 15, 6802-8	11.5	129
148	Protein nanocapsule weaved with enzymatically degradable polymeric network. <i>Nano Letters</i> , 2009 , 9, 4533-8	11.5	122
147	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> , 2018 , 18, 3368-3376	11.5	118
146	Regenerative Polysulfide-Scavenging Layers Enabling Lithium-Sulfur Batteries with High Energy Density and Prolonged Cycling Life. <i>ACS Nano</i> , 2017 , 11, 2697-2705	16.7	111

145	Graphitic Carbon Nitride Induced Micro-Electric Field for Dendrite-Free Lithium Metal Anodes. <i>Advanced Energy Materials</i> , 2019 , 9, 1803186	21.8	106
144	An elastomeric transparent composite electrode based on copper nanowires and polyurethane. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 1298-1305	7.1	104
143	Graphene Caging Silicon Particles for High-Performance Lithium-Ion Batteries. <i>Small</i> , 2018 , 14, e1800635	11	104
142	Anion-Sorbent Composite Separators for High-Rate Lithium-Ion Batteries. <i>Advanced Materials</i> , 2019 , 31, e1808338	24	103
141	Fabrication of Hybrid Silicate Coatings by a Simple Vapor Deposition Method for Lithium Metal Anodes. <i>Advanced Energy Materials</i> , 2018 , 8, 1701744	21.8	101
140	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> , 2018 , 28, 1804190	15.6	101
139	High-quality mesoporous graphene particles as high-energy and fast-charging anodes for lithium-ion batteries. <i>Nature Communications</i> , 2019 , 10, 1474	17.4	93
138	Hierarchical manganese oxide/carbon nanocomposites for supercapacitor electrodes. <i>Nano Research</i> , 2011 , 4, 216-225	10	92
137	Ionic Liquid-Assisted Synthesis of TiO ₂ /Carbon Hybrid Nanostructures for Lithium-Ion Batteries. <i>Advanced Functional Materials</i> , 2016 , 26, 1338-1346	15.6	91
136	A high-density graphene-sulfur assembly: a promising cathode for compact Li-S batteries. <i>Nanoscale</i> , 2015 , 7, 5592-7	7.7	83
135	A three-dimensional graphene skeleton as a fast electron and ion transport network for electrochemical applications. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 3031	13	82
134	Dense Graphene Monolith for High Volumetric Energy Density LiS Batteries. <i>Advanced Energy Materials</i> , 2018 , 8, 1703438	21.8	78
133	Low voltage and hysteresis-free blue phase liquid crystal dispersed by ferroelectric nanoparticles. <i>Journal of Materials Chemistry</i> , 2012 , 22, 19629		77
132	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> , 2015 , 3, 20218-20224	13	76
131	High-performance ultrafiltration membranes based on polyethersulfone-graphene oxide composites. <i>RSC Advances</i> , 2013 , 3, 21394	3.7	65
130	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> , 2019 , 31, e1904991	24	64
129	Tin-graphene tubes as anodes for lithium-ion batteries with high volumetric and gravimetric energy densities. <i>Nature Communications</i> , 2020 , 11, 1374	17.4	61
128	Stiff-Soft Binary Synergistic Aerogels with Superflexibility and High Thermal Insulation Performance. <i>Advanced Functional Materials</i> , 2019 , 29, 1806407	15.6	61

127	Evolution of the effect of sulfur confinement in graphene-based porous carbons for use in Li-S batteries. <i>Nanoscale</i> , 2016 , 8, 4447-51	7.7	59
126	Nitrogen-rich carbon spheres made by a continuous spraying process for high-performance supercapacitors. <i>Nano Research</i> , 2016 , 9, 3209-3221	10	59
125	Enzyme-Responsive Delivery of Multiple Proteins with Spatiotemporal Control. <i>Advanced Materials</i> , 2015 , 27, 3620-5	24	58
124	Phosphorylcholine polymer nanocapsules prolong the circulation time and reduce the immunogenicity of therapeutic proteins. <i>Nano Research</i> , 2016 , 9, 1022-1031	10	58
123	Post Iron Decoration of Mesoporous Nitrogen-Doped Carbon Spheres for Efficient Electrochemical Oxygen Reduction. <i>Advanced Energy Materials</i> , 2017 , 7, 1701154	21.8	57
122	Surfactant-templated mesoporous materials: from inorganic to hybrid to organic. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 7664-7	16.4	56
121	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> , 2017 , 5, 24321-24328	13	54
120	Systemic Delivery of Monoclonal Antibodies to the Central Nervous System for Brain Tumor Therapy. <i>Advanced Materials</i> , 2019 , 31, e1805697	24	54
119	Co(II) complexes loaded into metal-organic frameworks as efficient heterogeneous catalysts for aerobic epoxidation of olefins. <i>Catalysis Science and Technology</i> , 2016 , 6, 161-168	5.5	53
118	Anchoring anions with metal-organic framework-functionalized separators for advanced lithium batteries. <i>Nanoscale Horizons</i> , 2019 , 4, 705-711	10.8	53
117	One-Step Synthesis of Microporous Carbon Monoliths Derived from Biomass with High Nitrogen Doping Content for Highly Selective CO ₂ Capture. <i>Scientific Reports</i> , 2016 , 6, 30049	4.9	53
116	A General Synthesis of CuInS ₂ Based Multicomponent Solid-Solution Nanocrystals with Tunable Band Gap, Size, and Structure. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 17293-17297	3.8	53
115	A Bioinspired Platform for Effective Delivery of Protein Therapeutics to the Central Nervous System. <i>Advanced Materials</i> , 2019 , 31, e1807557	24	47
114	Dual redox mediators accelerate the electrochemical kinetics of lithium-sulfur batteries. <i>Nature Communications</i> , 2020 , 11, 5215	17.4	47
113	Efficient Delivery of Nerve Growth Factors to the Central Nervous System for Neural Regeneration. <i>Advanced Materials</i> , 2019 , 31, e1900727	24	46
112	Prolonging the plasma circulation of proteins by nano-encapsulation with phosphorylcholine-based polymer. <i>Nano Research</i> , 2016 , 9, 2424-2432	10	45
111	Confined growth of Li ₄ Ti ₅ O ₁₂ nanoparticles in nitrogen-doped mesoporous graphene fibers for high-performance lithium-ion battery anodes. <i>Nano Research</i> , 2016 , 9, 230-239	10	43
110	MOFs Conferred with Transient Metal Centers for Enhanced Photocatalytic Activity. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 17182-17186	16.4	41

109	A lightweight carbon nanofiber-based 3D structured matrix with high nitrogen-doping level for lithium metal anodes. <i>Science China Materials</i> , 2019 , 62, 87-94	7.1	41
108	Sustained delivery and molecular targeting of a therapeutic monoclonal antibody to metastases in the central nervous system of mice. <i>Nature Biomedical Engineering</i> , 2019 , 3, 706-716	19	41
107	Water-medium isomerization of homoallylic alcohol over a Ru(II) organometallic complex immobilized on FDU-12 support. <i>Green Chemistry</i> , 2007 , 9, 500	10	40
106	Packing sulfur into carbon framework for high volumetric performance lithium-sulfur batteries. <i>Science China Materials</i> , 2015 , 58, 349-354	7.1	39
105	Encapsulation of SnO ₂ nanocrystals into hierarchically porous carbon by melt infiltration for high-performance lithium storage. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 18706-18710	13	38
104	Multi-functional anodes boost the transient power and durability of proton exchange membrane fuel cells. <i>Nature Communications</i> , 2020 , 11, 1191	17.4	36
103	In Situ Modification of the Tumor Cell Surface with Immunomodulating Nanoparticles for Effective Suppression of Tumor Growth in Mice. <i>Advanced Materials</i> , 2019 , 31, e1902542	24	34
102	Symmetric growth of Pt ultrathin nanowires from dumbbell nuclei for use as oxygen reduction catalysts. <i>Nano Research</i> , 2012 , 5, 145-151	10	34
101	An Antioxidant Enzyme Therapeutic for COVID-19. <i>Advanced Materials</i> , 2020 , 32, e2004901	24	34
100	Ion-Transport-Rectifying Layer Enables Li-Metal Batteries with High Energy Density. <i>Matter</i> , 2020 , 3, 1685-1700	12.7	33
99	Enzyme therapeutics for systemic detoxification. <i>Advanced Drug Delivery Reviews</i> , 2015 , 90, 24-39	18.5	32
98	Growth-Factor Nanocapsules That Enable Tunable Controlled Release for Bone Regeneration. <i>ACS Nano</i> , 2016 , 10, 7362-9	16.7	30
97	Hierarchical Assembly of Organic/Inorganic Building Molecules with π Interactions. <i>Advanced Functional Materials</i> , 2008 , 18, 1526-1535	15.6	29
96	Encapsulating Therapeutic Proteins with Polyzwitterions for Lower Macrophage Nonspecific Uptake and Longer Circulation Time. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 7972-7978	9.5	28
95	Robust Single-Molecule Enzyme Nanocapsules for Biosensing with Significantly Improved Biosensor Stability. <i>Analytical Chemistry</i> , 2020 , 92, 5830-5837	7.8	28
94	A wavy graphene/platinum hybrid with increased electroactivity for the methanol oxidation reaction. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 1940-1946	13	28
93	Demystifying the catalysis in lithium-sulfur batteries: Characterization methods and techniques. <i>SusMat</i> , 2021 , 1, 51-65		28
92	Monolithic nitrogen-doped graphene frameworks as ultrahigh-rate anodes for lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 15738-15744	13	25

91	Photothermal effect of azopyridine compounds and their applications. <i>RSC Advances</i> , 2015 , 5, 4675-4680	3.7	25
90	Electrolyte Membranes with Biomimetic Lithium-Ion Channels. <i>Nano Letters</i> , 2020 , 20, 5435-5442	11.5	25
89	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> , 2017 , 5, 13944-13949	13	25
88	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> , 2019 , 7, 11241-11249	8.3	24
87	Polyacrylic Acid Assisted Assembly of Oxide Particles and Carbon Nanotubes for High-Performance Flexible Battery Anodes. <i>Advanced Energy Materials</i> , 2015 , 5, 1401207	21.8	24
86	Nanolayered Carbon/Silica Superstructures via Organosilane Assembly. <i>Advanced Materials</i> , 2008 , 20, 1199-1204	24	24
85	One-Pot Fabrication of Hierarchical Nanosheet-Based TiO ₂ -Carbon Hollow Microspheres for Anode Materials of High-Rate Lithium-Ion Batteries. <i>Chemistry - A European Journal</i> , 2016 , 22, 6031-6	4.8	23
84	Carbon nanotube-penetrated mesoporous V ₂ O ₅ microspheres as high-performance cathode materials for lithium-ion batteries. <i>RSC Advances</i> , 2014 , 4, 21018-21022	3.7	23
83	Robust lithium-ion anodes based on nanocomposites of iron oxide/carbon/silicate. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 4539	13	22
82	Imparting magnetic functionality to iron-based MIL-101 via facile Fe ₃ O ₄ nanoparticle encapsulation: an efficient and recoverable catalyst for aerobic oxidation. <i>RSC Advances</i> , 2015 , 5, 78962-78970	3.7	21
81	Iron-decorated nitrogen-rich carbons as efficient oxygen reduction electrocatalysts for Zn-air batteries. <i>Nanoscale</i> , 2018 , 10, 16996-17001	7.7	21
80	Aerosol assisted synthesis of silica/phenolic resin composite mesoporous hollow spheres. <i>Colloid and Polymer Science</i> , 2008 , 286, 1361-1368	2.4	21
79	A novel Granzyme B nanoparticle delivery system simulates immune cell functions for suppression of solid tumors. <i>Theranostics</i> , 2019 , 9, 7616-7627	12.1	20
78	Delivery of Intact Transcription Factor by Using Self-Assembled Supramolecular Nanoparticles. <i>Angewandte Chemie</i> , 2011 , 123, 3114-3118	3.6	20
77	Fabrication of hierarchical composite microspheres of copper-doped Fe ₃ O ₄ @P4VP@ZIF-8 and their application in aerobic oxidation. <i>New Journal of Chemistry</i> , 2016 , 40, 10127-10135	3.6	18
76	Single-Crystal-like Titania Mesocages. <i>Angewandte Chemie</i> , 2011 , 123, 1137-1140	3.6	18
75	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 & Interfaces</i> , 2020 , 12, 48495-48510	9.5	18
74	Particulate Anion Sorbents as Electrolyte Additives for Lithium Batteries. <i>Advanced Functional Materials</i> , 2020 , 30, 2003055	15.6	18

73	Nanocapsules of therapeutic proteins with enhanced stability and long blood circulation for hyperuricemia management. <i>Journal of Controlled Release</i> , 2017 , 255, 54-61	11.7	17
72	Facilitating Lithium-Ion Conduction in Gel Polymer Electrolyte by Metal-Organic Frameworks 2020 , 2, 1435-1441		17
71	Novel Mussel-Inspired Universal Surface Functionalization Strategy: Protein-Based Coating with Residue-Specific Post-Translational Modification in Vivo. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 12846-12853	9.5	16
70	Synthesis of composite microgel capsules by ultrasonic spray combined with in situ crosslinking. <i>Soft Matter</i> , 2011 , 7, 6144	3.6	16
69	Efficient synthesis of PbTe nanoparticle networks. <i>Nano Research</i> , 2010 , 3, 685-693	10	16
68	Functional Mesoporous Polymers From Phenolic Building Oligomers. <i>Macromolecular Rapid Communications</i> , 2008 , 29, 442-446	4.8	16
67	Electrolyte Interphase Built from Anionic Covalent Organic Frameworks for Lithium Dendrite Suppression. <i>Advanced Functional Materials</i> , 2021 , 31, 2009718	15.6	16
66	A Powder Metallurgic Approach toward High-Performance Lithium Metal Anodes. <i>Small</i> , 2020 , 16, e2000794	10.794	15
65	Synthesis of protein nano-conjugates for cancer therapy. <i>Nano Research</i> , 2011 , 4, 425-433	10	15
64	Biodegradable Polymer with Effective Near-Infrared-II Absorption as a Photothermal Agent for Deep Tumor Therapy. <i>Advanced Materials</i> , 2021 , e2105976	24	15
63	A Virtual Water Assessment Methodology for Cropping Pattern Investigation. <i>Water Resources Management</i> , 2014 , 28, 2331-2349	3.7	14
62	An intracellular protein delivery platform based on glutathione-responsive protein nanocapsules. <i>Chemical Communications</i> , 2016 , 52, 13608-13611	5.8	14
61	Facile synthesis of Cu ₃ (BTC) ₂ /cellulose acetate mixed matrix membranes and their catalytic applications in continuous flow process. <i>New Journal of Chemistry</i> , 2017 , 41, 9123-9129	3.6	13
60	High-performance aqueous supercapacitors based on hierarchically porous graphitized carbon. <i>RSC Advances</i> , 2012 , 2, 1755	3.7	13
59	Mn-doped Li ₃ V ₂ (PO ₄) ₃ nanocrystal with enhanced electrochemical properties based on aerosol synthesis method. <i>Journal of Materials Science</i> , 2015 , 50, 3075-3082	4.3	12
58	Aerosol-Assisted Heteroassembly of Oxide Nanocrystals and Carbon Nanotubes into 3D Mesoporous Composites for High-Rate Electrochemical Energy Storage. <i>Small</i> , 2015 , 11, 3135-42	11	12
57	A Hepatocyte-Mimicking Antidote for Alcohol Intoxication. <i>Advanced Materials</i> , 2018 , 30, e1707443	24	12
56	Expression and Characterization of a Novel 1,3-Propanediol Dehydrogenase from <i>Lactobacillus brevis</i> . <i>Applied Biochemistry and Biotechnology</i> , 2016 , 179, 959-72	3.2	12

55	Tumor Microenvironment-Tailored Weakly Cell-Interacted Extracellular Delivery Platform Enables Precise Antibody Release and Function. <i>Advanced Functional Materials</i> , 2019 , 29, 1903296	15.6	12
54	Better lithium-ion storage materials made through hierarchical assemblies of active nanorods and nanocrystals. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 17536-17544	13	12
53	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> , 2021 , 14, 131-138	10	12
52	Approaching Theoretical Capacities in Thick Lithium Vanadium Phosphate Electrodes at High Charge/Discharge Rates. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 15608-15617	8.3	12
51	Fabrication of nanofibres with azopyridine compounds in various acids and solvents. <i>RSC Advances</i> , 2015 , 5, 31219-31225	3.7	11
50	Ultrathin mesoporous NiCo ₂ O ₄ nanosheets as an efficient and reusable catalyst for benzylic oxidation. <i>RSC Advances</i> , 2015 , 5, 2405-2410	3.7	11
49	Mussel-inspired triblock functional protein coating with endothelial cell selectivity for endothelialization. <i>Journal of Colloid and Interface Science</i> , 2020 , 576, 68-78	9.3	11
48	Class of Solid-like Electrolytes for Rechargeable Batteries Based on Metal-Organic Frameworks Infiltrated with Liquid Electrolytes. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 43824-43832	9.5	11
47	Asymmetric Colloidal Janus Particle Formation Is Core-Size-Dependent. <i>Langmuir</i> , 2015 , 31, 9148-54	4	10
46	Nanocapsules of oxalate oxidase for hyperoxaluria treatment. <i>Nano Research</i> , 2018 , 11, 2682-2688	10	10
45	Spatially Interlinked Graphene with Uniformly Loaded Sulfur for High Performance Li-S Batteries. <i>Chinese Journal of Chemistry</i> , 2016 , 34, 41-45	4.9	10
44	Thermally Robust Porous Bimetallic (Ni Pt) Alloy Mesocrystals within Carbon Framework: High-Performance Catalysts for Oxygen Reduction and Hydrogenation Reactions. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 21435-21444	9.5	9
43	High-Conductivity Dispersibility Graphene Made by Catalytic Exfoliation of Graphite for Lithium-Ion Battery. <i>Advanced Functional Materials</i> , 2021 , 31, 2007630	15.6	9
42	Assembly of Ni(OH) ₂ -graphene hybrids with a high electrochemical performance by a one-pot hydrothermal method. <i>New Carbon Materials</i> , 2014 , 29, 426-431	4.4	8
41	Porous carbon microspheres with highly graphitized structure for potassium-ion storage. <i>Journal of Colloid and Interface Science</i> , 2020 , 577, 48-53	9.3	8
40	Graphite-Embedded Lithium Iron Phosphate for High-Power-Energy Cathodes. <i>Nano Letters</i> , 2021 , 21, 2572-2579	11.5	8
39	Enhanced Delivery of Rituximab Into Brain and Lymph Nodes Using Timed-Release Nanocapsules in Non-Human Primates. <i>Frontiers in Immunology</i> , 2019 , 10, 3132	8.4	7
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> , 2014 , 2, 9978-9986	7.1	6

37	Real-Time Quantification of Cell Internalization Kinetics by Functionalized Bioluminescent Nanoprobes. <i>Advanced Materials</i> , 2019 , 31, e1902469	24	5
36	3D Hollow Sn@Carbon-Graphene Hybrid Material as Promising Anode for Lithium-Ion Batteries. <i>Journal of Nanomaterials</i> , 2014 , 2014, 1-6	3.2	5
35	The communities and functional profiles of virioplankton along a salinity gradient in a subtropical estuary. <i>Science of the Total Environment</i> , 2021 , 759, 143499	10.2	5
34	Spheres of Graphene and Carbon Nanotubes Embedding Silicon as Mechanically Resilient Anodes for Lithium-Ion Batteries.. <i>Nano Letters</i> , 2022 ,	11.5	5
33	Engineered a novel pH-sensitive short major ampullate spidroin. <i>International Journal of Biological Macromolecules</i> , 2020 , 154, 698-705	7.9	4
32	Adaptation Investigations to Respond to Climate Change Projections in Gansu Province, Northern China. <i>Water Resources Management</i> , 2014 , 28, 1531-1544	3.7	4
31	Facile fabrication of a high-efficient and biocompatibility biocatalyst for bisphenol A removal. <i>International Journal of Biological Macromolecules</i> , 2020 , 150, 948-954	7.9	4
30	Covalently Bonded Si-Polymer Nanocomposites Enabled by Mechanochemical Synthesis as Durable Anode Materials. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 39127-39134	9.5	4
29	MOFs Conferred with Transient Metal Centers for Enhanced Photocatalytic Activity. <i>Angewandte Chemie</i> , 2020 , 132, 17335-17339	3.6	3
28	CVD-assisted fabrication of hierarchical microparticulate LiTiSiO-carbon nanospheres for ultrafast lithium storage. <i>Nanoscale</i> , 2020 , 12, 13918-13925	7.7	3
27	Estimation of desertification risk from soil erosion: a case study for Gansu Province, China. <i>Stochastic Environmental Research and Risk Assessment</i> , 2016 , 30, 2215-2229	3.5	3
26	Synthesis of monodisperse Ce x Zr1-x O2 nanocrystals and the size-dependent enhancement of their properties. <i>Nano Research</i> , 2011 , 4, 494-504	10	3
25	Fabrication of porous scaffolds with protein nanogels. <i>Science China Chemistry</i> , 2011 , 54, 961-967	7.9	3
24	Improved delivery of broadly neutralizing antibodies by nanocapsules suppresses SHIV infection in the CNS of infant rhesus macaques. <i>PLoS Pathogens</i> , 2021 , 17, e1009738	7.6	3
23	A High-Throughput Platform for Formulating and Screening Multifunctional Nanoparticles Capable of Simultaneous Delivery of Genes and Transcription Factors. <i>Angewandte Chemie</i> , 2016 , 128, 177-181	3.6	3
22	High Performance Sodium Ion Anodes Based on Sn 4 P 3 Encapsulated within Amphiphilic Graphene Tubes. <i>Advanced Energy Materials</i> , 2022 , 12, 2102345	21.8	3
21	Neural Regeneration: Efficient Delivery of Nerve Growth Factors to the Central Nervous System for Neural Regeneration (Adv. Mater. 33/2019). <i>Advanced Materials</i> , 2019 , 31, 1970233	24	2
20	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> , 2019 , 29, 1970301	15.6	2

19	Direct synthesis of ordered mesoporous polymer/carbon nanofilaments with controlled mesostructures. <i>Journal of Porous Materials</i> , 2009 , 16, 315-319	2.4	2
18	Semiliquid electrolytes with anion-adsorbing metal-organic frameworks for high-rate lithium batteries. <i>Chemical Communications</i> , 2020 , 56, 13603-13606	5.8	2
17	Covalent modification of graphite oxide with acetic anhydride to enhance dispersibility in organic solvents. <i>Functional Materials Letters</i> , 2016 , 09, 1650044	1.2	1
16	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> , 2015 , 11, 3196-3196	11	1
15	Mesoporous Metal and Metal Alloy Particles Synthesized by Aerosol-Assisted Confined Growth of Nanocrystals. <i>Angewandte Chemie</i> , 2012 , 124, 10698-10702	3.6	1
14	Electrolyte Modulators towards Polarization Mitigated Lithium-Ion Batteries for Sustainable Electric Transportation. <i>Advanced Materials</i> , 2021 , e2107787	24	1
13	Enzyme Therapeutic for Ischemia and Reperfusion Injury in Organ Transplantation. <i>Advanced Materials</i> , 2021 , e2105670	24	1
12	Catalase-Based Therapeutics: An Antioxidant Enzyme Therapeutic for COVID-19 (Adv. Mater. 43/2020). <i>Advanced Materials</i> , 2020 , 32, 2070321	24	1
11	Systemic delivery of microRNA for treatment of brain ischemia. <i>Nano Research</i> , 2021 , 14, 3319-3328	10	1
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