

Yunfeng Lu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1307411/publications.pdf>

Version: 2024-02-01

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	Pseudocapacitive Sodium Storage in Mesoporous Single-Crystal-like TiO ₂ â€“Graphene Nanocomposite Enables High-Performance Sodium-Ion Capacitors. ACS Nano, 2017, 11, 2952-2960.	7.3	542
2	A novel intracellular protein delivery platform based on single-protein nanocapsules. Nature Nanotechnology, 2010, 5, 48-53.	15.6	394
3	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
4	Highâ€“Performance Supercapacitors Based on Nanocomposites of Nb ₂ O ₅ Nanocrystals and Carbon Nanotubes. Advanced Energy Materials, 2011, 1, 1089-1093.	10.2	312
5	Biomimetic enzyme nanocomplexes and their use as antidotes and preventive measures for alcohol intoxication. Nature Nanotechnology, 2013, 8, 187-192.	15.6	289
6	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
7	Creating Lithiumâ€“Ion Electrolytes with Biomimetic Ionic Channels in Metalâ€“Organic Frameworks. Advanced Materials, 2018, 30, e1707476.	11.1	230
8	Inward lithium-ion breathing of hierarchically porous silicon anodes. Nature Communications, 2015, 6, 8844.	5.8	217
9	Highâ€“Performance Supercapacitors Based on Hierarchically Porous Graphite Particles. Advanced Energy Materials, 2011, 1, 551-556.	10.2	194
10	Anionâ€“Sorbent Composite Separators for Highâ€“Rate Lithiumâ€“Ion Batteries. Advanced Materials, 2019, 31, e1808338.	11.1	178
11	Co-electro-deposition of the MnO ₂ â€“PEDOT:PSS nanostructured composite for high areal mass, flexible asymmetric supercapacitor devices. Journal of Materials Chemistry A, 2013, 1, 12432.	5.2	163
12	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
13	Hierarchical Nanostructured WO ₃ with Biomimetic Proton Channels and Mixed Ionic-Electronic Conductivity for Electrochemical Energy Storage. Nano Letters, 2015, 15, 6802-6808.	4.5	157
14	Self-Assembled 3D Graphene Monolith from Solution. Journal of Physical Chemistry Letters, 2015, 6, 658-668.	2.1	152
15	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
16	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
17	Graphitic Carbon Nitride Induced Microâ€“Electric Field for Dendriteâ€“Free Lithium Metal Anodes. Advanced Energy Materials, 2019, 9, 1803186.	10.2	147
18	Graphene Caging Silicon Particles for Highâ€“Performance Lithiumâ€“Ion Batteries. Small, 2018, 14, e1800635.	5.2	146

#	ARTICLE	IF	CITATIONS
19	High-performance flexible lithium-ion electrodes based on robust network architecture. <i>Energy and Environmental Science</i> , 2012, 5, 6845.	15.6	144
20	High-quality mesoporous graphene particles as high-energy and fast-charging anodes for lithium-ion batteries. <i>Nature Communications</i> , 2019, 10, 1474.	5.8	140
21	Protein Nanocapsule Weaved with Enzymatically Degradable Polymeric Network. <i>Nano Letters</i> , 2009, 9, 4533-4538.	4.5	139
22	Fabrication of Hybrid Silicate Coatings by a Simple Vapor Deposition Method for Lithium Metal Anodes. <i>Advanced Energy Materials</i> , 2018, 8, 1701744.	10.2	138
23	Regenerative Polysulfide-Scavenging Layers Enabling Lithium-Sulfur Batteries with High Energy Density and Prolonged Cycling Life. <i>ACS Nano</i> , 2017, 11, 2697-2705.	7.3	132
24	Tin-graphene tubes as anodes for lithium-ion batteries with high volumetric and gravimetric energy densities. <i>Nature Communications</i> , 2020, 11, 1374.	5.8	127
25	An elastomeric transparent composite electrode based on copper nanowires and polyurethane. <i>Journal of Materials Chemistry C</i> , 2014, 2, 1298-1305.	2.7	123
26	MOFs Conferred with Transient Metal Centers for Enhanced Photocatalytic Activity. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 17182-17186.	7.2	121
27	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.	11.1	114
28	Dual redox mediators accelerate the electrochemical kinetics of lithium-sulfur batteries. <i>Nature Communications</i> , 2020, 11, 5215.	5.8	113
29	“Stiff-Soft” Binary Synergistic Aerogels with Superflexibility and High Thermal Insulation Performance. <i>Advanced Functional Materials</i> , 2019, 29, 1806407.	7.8	111
30	Hierarchical manganese oxide/carbon nanocomposites for supercapacitor electrodes. <i>Nano Research</i> , 2011, 4, 216-225.	5.8	102
31	Ionic Liquid-Assisted Synthesis of TiO ₂ -Carbon Hybrid Nanostructures for Lithium-Ion Batteries. <i>Advanced Functional Materials</i> , 2016, 26, 1338-1346.	7.8	97
32	Dense Graphene Monolith for High Volumetric Energy Density Li-S Batteries. <i>Advanced Energy Materials</i> , 2018, 8, 1703438.	10.2	97
33	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.	5.2	96
34	A high-density graphene-sulfur assembly: a promising cathode for compact Li-S batteries. <i>Nanoscale</i> , 2015, 7, 5592-5597.	2.8	92
35	Biodegradable Polymer with Effective Near-Infrared Absorption as a Photothermal Agent for Deep Tumor Therapy. <i>Advanced Materials</i> , 2022, 34, e2105976.	11.1	92
36	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.	5.2	87

#	ARTICLE	IF	CITATIONS
37	Efficient Delivery of Nerve Growth Factors to the Central Nervous System for Neural Regeneration. <i>Advanced Materials</i> , 2019, 31, e1900727.	11.1	85
38	Systemic Delivery of Monoclonal Antibodies to the Central Nervous System for Brain Tumor Therapy. <i>Advanced Materials</i> , 2019, 31, e1805697.	11.1	84
39	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.	5.2	83
40	Low voltage and hysteresis-free blue phase liquid crystal dispersed by ferroelectric nanoparticles. <i>Journal of Materials Chemistry</i> , 2012, 22, 19629.	6.7	82
41	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.	1.6	82
42	High-performance ultrafiltration membranes based on polyethersulfone-graphene oxide composites. <i>RSC Advances</i> , 2013, 3, 21394.	1.7	79
43	A Bioinspired Platform for Effective Delivery of Protein Therapeutics to the Central Nervous System. <i>Advanced Materials</i> , 2019, 31, e1807557.	11.1	79
44	Nitrogen-rich carbon spheres made by a continuous spraying process for high-performance supercapacitors. <i>Nano Research</i> , 2016, 9, 3209-3221.	5.8	78
45	Phosphorylcholine polymer nanocapsules prolong the circulation time and reduce the immunogenicity of therapeutic proteins. <i>Nano Research</i> , 2016, 9, 1022-1031.	5.8	77
46	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.	11.6	75
47	Ion-Transport-Rectifying Layer Enables Li-Metal Batteries with High Energy Density. <i>Matter</i> , 2020, 3, 1685-1700.	5.0	75
48	Enzyme-Responsive Delivery of Multiple Proteins with Spatiotemporal Control. <i>Advanced Materials</i> , 2015, 27, 3620-3625.	11.1	73
49	Anchoring anions with metal-organic framework-functionalized separators for advanced lithium batteries. <i>Nanoscale Horizons</i> , 2019, 4, 705-711.	4.1	71
50	Evolution of the effect of sulfur confinement in graphene-based porous carbons for use in Li-S batteries. <i>Nanoscale</i> , 2016, 8, 4447-4451.	2.8	69
51	Demystifying the catalysis in lithium-sulfur batteries: Characterization methods and techniques. <i>SusMat</i> , 2021, 1, 51-65.	7.8	68
52	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.	2.1	66
53	Post Iron Decoration of Mesoporous Nitrogen-Doped Carbon Spheres for Efficient Electrochemical Oxygen Reduction. <i>Advanced Energy Materials</i> , 2017, 7, 1701154.	10.2	65
54	Multi-functional anodes boost the transient power and durability of proton exchange membrane fuel cells. <i>Nature Communications</i> , 2020, 11, 1191.	5.8	65

#	ARTICLE	IF	CITATIONS
55	Surfactant-Templated Mesoporous Materials: From Inorganic to Hybrid to Organic. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 7664-7667.	7.2	63
56	An Antioxidant Enzyme Therapeutic for COVID-19. <i>Advanced Materials</i> , 2020, 32, e2004901.	11.1	61
57	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.	11.1	58
58	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.	4.0	57
59	A General Synthesis of Cu-In-S Based Multicomponent Solid-Solution Nanocrystals with Tunable Band Gap, Size, and Structure. <i>Journal of Physical Chemistry C</i> , 2010, 114, 17293-17297.	1.5	53
60	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.	3.5	53
61	Prolonging the plasma circulation of proteins by nano-encapsulation with phosphorylcholine-based polymer. <i>Nano Research</i> , 2016, 9, 2424-2432.	5.8	51
62	Electrolyte Membranes with Biomimetic Lithium-Ion Channels. <i>Nano Letters</i> , 2020, 20, 5435-5442.	4.5	49
63	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.	5.8	48
64	Facilitating Lithium-Ion Conduction in Gel Polymer Electrolyte by Metal-Organic Frameworks. , 2020, 2, 1435-1441.		48
65	Enzyme therapeutics for systemic detoxification. <i>Advanced Drug Delivery Reviews</i> , 2015, 90, 24-39.	6.6	44
66	Electrolyte Interphase Built from Anionic Covalent Organic Frameworks for Lithium Dendrite Suppression. <i>Advanced Functional Materials</i> , 2021, 31, 2009718.	7.8	43
67	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.	5.2	42
68	Spheres of Graphene and Carbon Nanotubes Embedding Silicon as Mechanically Resilient Anodes for Lithium-Ion Batteries. <i>Nano Letters</i> , 2022, 22, 3054-3061.	4.5	42
69	Water-medium isomerization of homoallylic alcohol over a Ru(II) organometallic complex immobilized on FDU-12 support. <i>Green Chemistry</i> , 2007, 9, 500.	4.6	41
70	Growth-Factor Nanocapsules That Enable Tunable Controlled Release for Bone Regeneration. <i>ACS Nano</i> , 2016, 10, 7362-7369.	7.3	41
71	Robust Single-Molecule Enzyme Nanocapsules for Biosensing with Significantly Improved Biosensor Stability. <i>Analytical Chemistry</i> , 2020, 92, 5830-5837.	3.2	41
72	Packing sulfur into carbon framework for high volumetric performance lithium-sulfur batteries. <i>Science China Materials</i> , 2015, 58, 349-354.	3.5	40

#	ARTICLE	IF	CITATIONS
73	Particulate Anion Sorbents as Electrolyte Additives for Lithium Batteries. <i>Advanced Functional Materials</i> , 2020, 30, 2003055.	7.8	38
74	Symmetric growth of Pt ultrathin nanowires from dumbbell nuclei for use as oxygen reduction catalysts. <i>Nano Research</i> , 2012, 5, 145-151.	5.8	36
75	Photothermal effect of azopyridine compounds and their applications. <i>RSC Advances</i> , 2015, 5, 4675-4680.	1.7	36
76	A novel Granzyme B nanoparticle delivery system simulates immune cell functions for suppression of solid tumors. <i>Theranostics</i> , 2019, 9, 7616-7627.	4.6	35
77	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.	3.2	34
78	A wavy graphene/platinum hybrid with increased electroactivity for the methanol oxidation reaction. <i>Journal of Materials Chemistry A</i> , 2014, 2, 1940-1946.	5.2	33
79	Graphite-Embedded Lithium Iron Phosphate for High-Power Energy Cathodes. <i>Nano Letters</i> , 2021, 21, 2572-2579.	4.5	33
80	Monolithic nitrogen-doped graphene frameworks as ultrahigh-rate anodes for lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2015, 3, 15738-15744.	5.2	31
81	Encapsulating Therapeutic Proteins with Polyzwitterions for Lower Macrophage Nonspecific Uptake and Longer Circulation Time. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 7972-7978.	4.0	30
82	Hierarchical Assembly of Organic/Inorganic Building Molecules with π - π Interactions. <i>Advanced Functional Materials</i> , 2008, 18, 1526-1535.	7.8	29
83	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.	5.2	28
84	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.	4.0	28
85	Polyacrylic Acid Assisted Assembly of Oxide Particles and Carbon Nanotubes for High-Performance Flexible Battery Anodes. <i>Advanced Energy Materials</i> , 2015, 5, 1401207.	10.2	27
86	Nanolayered Carbon/Silica Superstructures via Organosilane Assembly. <i>Advanced Materials</i> , 2008, 20, 1199-1204.	11.1	26
87	High-Conductivity Dispersibility Graphene Made by Catalytic Exfoliation of Graphite for Lithium-Ion Battery. <i>Advanced Functional Materials</i> , 2021, 31, 2007630.	7.8	26
88	Aerosol assisted synthesis of silica/phenolic resin composite mesoporous hollow spheres. <i>Colloid and Polymer Science</i> , 2008, 286, 1361-1368.	1.0	25
89	Carbon nanotube-penetrated mesoporous V_2O_5 microspheres as high-performance cathode materials for lithium-ion batteries. <i>RSC Advances</i> , 2014, 4, 21018-21022.	1.7	25
90	Imparting magnetic functionality to iron-based MIL-101 via facile Fe_3O_4 nanoparticle encapsulation: an efficient and recoverable catalyst for aerobic oxidation. <i>RSC Advances</i> , 2015, 5, 78962-78970.	1.7	25

#	ARTICLE	IF	CITATIONS
91	Oneâ€Pot Fabrication of Hierarchical Nanosheetâ€Based TiO ₂ â€Carbon Hollow Microspheres for Anode Materials of Highâ€Rate Lithiumâ€Ion Batteries. Chemistry - A European Journal, 2016, 22, 6031-6036.	1.7	25
92	Iron-decorated nitrogen-rich carbons as efficient oxygen reduction electrocatalysts for Znâ€air batteries. Nanoscale, 2018, 10, 16996-17001.	2.8	25
93	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
94	Robust lithium-ion anodes based on nanocomposites of iron oxideâ€carbonâ€silicate. Journal of Materials Chemistry A, 2013, 1, 4539.	5.2	24
95	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
96	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
97	A Hepatocyteâ€Mimicking Antidote for Alcohol Intoxication. Advanced Materials, 2018, 30, e1707443.	11.1	22
98	A Powder Metallurgic Approach toward Highâ€Performance Lithium Metal Anodes. Small, 2020, 16, e2000794.	5.2	22
99	Porous carbon microspheres with highly graphitized structure for potassium-ion storage. Journal of Colloid and Interface Science, 2020, 577, 48-53.	5.0	22
100	Fabrication of hierarchical composite microspheres of copper-doped Fe ₃ O ₄ @P4VP@ZIF-8 and their application in aerobic oxidation. New Journal of Chemistry, 2016, 40, 10127-10135.	1.4	21
101	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
102	Efficient synthesis of PbTe nanoparticle networks. Nano Research, 2010, 3, 685-693.	5.8	18
103	Synthesis of composite microgel capsules by ultrasonic spray combined with in situ crosslinking. Soft Matter, 2011, 7, 6144.	1.2	18
104	Thermally Robust Porous Bimetallic (Ni _x Pt _{1-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
105	Covalently Bonded Siâ€Polymer Nanocomposites Enabled by Mechanochemical Synthesis as Durable Anode Materials. ACS Applied Materials & Interfaces, 2020, 12, 39127-39134.	4.0	18
106	High Performance Sodium Ion Anodes Based on Sn ₄ P ₃ Encapsulated within Amphiphilic Graphene Tubes. Advanced Energy Materials, 2022, 12, .	10.2	18
107	Synthesis of protein nano-conjugates for cancer therapy. Nano Research, 2011, 4, 425-433.	5.8	17
108	Functional Mesoporous Polymers From Phenolic Building Oligomers. Macromolecular Rapid Communications, 2008, 29, 442-446.	2.0	16

#	ARTICLE	IF	CITATIONS
109	A Virtual Water Assessment Methodology for Cropping Pattern Investigation. <i>Water Resources Management</i> , 2014, 28, 2331-2349.	1.9	16
110	Nanocapsules of oxalate oxidase for hyperoxaluria treatment. <i>Nano Research</i> , 2018, 11, 2682-2688.	5.8	16
111	Tumor Microenvironment-Tailored Weakly Cell-Interacted Extracellular Delivery Platform Enables Precise Antibody Release and Function. <i>Advanced Functional Materials</i> , 2019, 29, 1903296.	7.8	16
112	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.	2.2	16
113	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.	3.9	16
114	High-performance aqueous supercapacitors based on hierarchically porous graphitized carbon. <i>RSC Advances</i> , 2012, 2, 1755.	1.7	15
115	An intracellular protein delivery platform based on glutathione-responsive protein nanocapsules. <i>Chemical Communications</i> , 2016, 52, 13608-13611.	2.2	15
116	Expression and Characterization of a Novel 1,3-Propanediol Dehydrogenase from <i>Lactobacillus brevis</i> . <i>Applied Biochemistry and Biotechnology</i> , 2016, 179, 959-972.	1.4	15
117	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.	1.4	15
118	Electrolyte Modulators toward Polarization-Mitigated Lithium-Ion Batteries for Sustainable Electric Transportation. <i>Advanced Materials</i> , 2022, 34, e2107787.	11.1	15
119	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.	3.2	14
120	Fabrication of nanofibres with azopyridine compounds in various acids and solvents. <i>RSC Advances</i> , 2015, 5, 31219-31225.	1.7	13
121	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.	1.7	13
122	Tuning the electronic structure of Co@N-C hybrids via metal-doping for efficient electrocatalytic hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2022, 10, 4981-4991.	5.2	13
123	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.	5.2	12
124	Aerosol-Assisted Heteroassembly of Oxide Nanocrystals and Carbon Nanotubes into 3D Mesoporous Composites for High-Rate Electrochemical Energy Storage. <i>Small</i> , 2015, 11, 3135-3142.	5.2	12
125	Ultrathin mesoporous NiCo ₂ O ₄ nanosheets as an efficient and reusable catalyst for benzylic oxidation. <i>RSC Advances</i> , 2015, 5, 2405-2410.	1.7	12
126	Asymmetric Colloidal Janus Particle Formation Is Core-Size-Dependent. <i>Langmuir</i> , 2015, 31, 9148-9154.	1.6	11

#	ARTICLE	IF	CITATIONS
127	Spatially Interlinked Graphene with Uniformly Loaded Sulfur for High Performance Li-ions Batteries. Chinese Journal of Chemistry, 2016, 34, 41-45.	2.6	11
128	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
129	MOFs Conferred with Transient Metal Centers for Enhanced Photocatalytic Activity. Angewandte Chemie, 2020, 132, 17335-17339.	1.6	11
130	Engineered a novel pH-sensitive short major ampullate spidroin. International Journal of Biological Macromolecules, 2020, 154, 698-705.	3.6	11
131	Enzyme Therapeutic for Ischemia and Reperfusion Injury in Organ Transplantation. Advanced Materials, 2022, 34, e2105670.	11.1	11
132	Real-time Quantification of Cell Internalization Kinetics by Functionalized Bioluminescent Nanoprobes. Advanced Materials, 2019, 31, e1902469.	11.1	10
133	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
134	Effective Genome Editing Using CRISPR-Cas9 Nanoflowers. Advanced Healthcare Materials, 2022, 11, e2102365.	3.9	8
135	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
136	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
137	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
138	Semiliquid electrolytes with anion-adsorbing metal-organic frameworks for high-rate lithium batteries. Chemical Communications, 2020, 56, 13603-13606.	2.2	6
139	CVD-assisted fabrication of hierarchical microparticulate Li ₂ TiSiO ₅ -carbon nanospheres for ultrafast lithium storage. Nanoscale, 2020, 12, 13918-13925.	2.8	6
140	High-Performance Battery Separator Made by Thermally Activated Metal-Organic Frameworks. ACS Applied Energy Materials, 2022, 5, 5519-5524.	2.5	6
141	3D Hollow Sn@Carbon-Graphene Hybrid Material as Promising Anode for Lithium-Ion Batteries. Journal of Nanomaterials, 2014, 2014, 1-6.	1.5	5
142	Adaptation Investigations to Respond to Climate Change Projections in Gansu Province, Northern China. Water Resources Management, 2014, 28, 1531-1544.	1.9	5
143	Systemic delivery of microRNA for treatment of brain ischemia. Nano Research, 2021, 14, 3319-3328.	5.8	5
144	Synthesis of monodisperse Ce _x Zr _{1-x} O ₂ nanocrystals and the size-dependent enhancement of their properties. Nano Research, 2011, 4, 494-504.	5.8	4

#	ARTICLE	IF	CITATIONS
145	Extracellular Delivery: Tumor Microenvironment-Tailored Weakly Cell-Interacted Extracellular Delivery Platform Enables Precise Antibody Release and Function (Adv. Funct. Mater. 43/2019). Advanced Functional Materials, 2019, 29, 1970301.	7.8	4
146	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
147	Fabrication of porous scaffolds with protein nanogels. Science China Chemistry, 2011, 54, 961-967.	4.2	3
148	An Antioxidant Enzyme Therapeutic for Sepsis. Frontiers in Bioengineering and Biotechnology, 2021, 9, 800684.	2.0	3
149	Direct synthesis of ordered mesoporous polymer/carbon nanofilaments with controlled mesostructures. Journal of Porous Materials, 2009, 16, 315-319.	1.3	2
150	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
151	Nanoencapsulated rituximab mediates superior cellular immunity against metastatic B-cell lymphoma in a complement competent humanized mouse model. , 2021, 9, e001524.		2
152	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
153	Asparaginase In Situ Encapsulated into Zwitterionic Nanocapsules with a Prolonged Half-Life. ACS Applied Polymer Materials, 2022, 4, 2757-2766.	2.0	2
154	Energy Storage: Aerosol-Assisted Heteroassembly of Oxide Nanocrystals and Carbon Nanotubes into 3D Mesoporous Composites for High-Rate Electrochemical Energy Storage (Small 26/2015). Small, 2015, 11, 3196-3196.	5.2	1
155	Lithium-Ion Batteries: Ionic Liquid-Assisted Synthesis of TiO ₂ -Carbon Hybrid Nanostructures for Lithium-Ion Batteries (Adv. Funct. Mater. 9/2016). Advanced Functional Materials, 2016, 26, 1487-1487.	7.8	1
156	Covalent modification of graphite oxide with acetic anhydride to enhance dispersibility in organic solvents. Functional Materials Letters, 2016, 09, 1650044.	0.7	1
157	Catalase-Based Therapeutics: An Antioxidant Enzyme Therapeutic for COVID-19 (Adv. Mater. 43/2020). Advanced Materials, 2020, 32, 2070321.	11.1	1
158	Emerging Multifunctional Nanostructures. Journal of Nanomaterials, 2009, 2009, 1-2.	1.5	0
159	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
160	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