Wenjun Zhang

List of Publications by Year
in descending order

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290 papers	20,098 citations	7096 78 h-index	14208 128 g-index
298 all docs	298 docs citations	298 times ranked	25735 citing authors

#	Article	IF	Citations
1	Boosting capacity and operating voltage of LiVO3 as cathode for lithium-ion batteries by activating oxygen reaction in the lattice. Journal of Power Sources, 2022, 517, 230728.	7.8	7
2	Extracellular Vesicles for the Diagnosis of Cancers. Small Structures, 2022, 3, 2100096.	12.0	7
3	Achieving highly efficient pH-universal hydrogen evolution by superhydrophilic amorphous/crystalline Rh(OH)3/NiTe coaxial nanorod array electrode. Applied Catalysis B: Environmental, 2022, 305, 121088.	20.2	71
4	Plasma-induced transformation: a new strategy to in situ engineer MOF-derived heterointerface for high-efficiency electrochemical hydrogen evolution. Journal of Materials Chemistry A, 2022, 10, 6596-6606.	10.3	6
5	Metal organic frameworks for antibacterial applications. Chemical Engineering Journal, 2022, 435, 134975.	12.7	52
6	Hierarchical trace copper incorporation activated cobalt layered double hydroxide as a highly selective methanol conversion electrocatalyst to realize energy-matched photovoltaic-electrocatalytic formate and hydrogen co-production. Journal of Materials Chemistry A, 2022, 10, 19649-19661.	10.3	12
7	Vapor phase epitaxy of PbS single-crystal films on water-soluble substrates and application to photodetectors. Nano Research, 2022, 15, 5402-5409.	10.4	3
8	Sequencing-free Analysis of Multiple Methylations on Gene-Specific mRNAs. Journal of the American Chemical Society, 2022, 144, 6010-6018.	13.7	9
9	Ni single atoms anchored on N-doped carbon nanosheets as bifunctional electrocatalysts for Urea-assisted rechargeable Zn-air batteries. Applied Catalysis B: Environmental, 2022, 310, 121352.	20.2	71
10	Epitaxial growth of structure-tunable ZnO/ZnS core/shell nanowire arrays using HfO₂ as the buffer layer. Nanoscale, 2022, 14, 7579-7588.	5.6	5
11	Electrochemical Capacitors with Confined Redox Electrolytes and Porous Electrodes. Advanced Materials, 2022, 34, e2202380.	21.0	33
12	Single-Atom Metal Anchored Zr₆-Cluster-Porphyrin Framework Hollow Nanocapsules with Ultrahigh Active-Center Density for Electrocatalytic CO₂ Reduction. Nano Letters, 2022, 22, 3340-3348.	9.1	29
13	Ultrathin two-dimensional nickel-organic framework nanosheets for efficient electrocatalytic urea oxidation. Materials Today Energy, 2022, 27, 101024.	4.7	6
14	New Xanthene Dyes with NIRâ€Ⅱ Emission Beyond 1200Ânm for Efficient Tumor Angiography and Photothermal Therapy. Small, 2022, 18, .	10.0	8
15	Laser Processing of Flexible In-Plane Micro-supercapacitors: Progresses in Advanced Manufacturing of Nanostructured Electrodes. ACS Nano, 2022, 16, 10088-10129.	14.6	31
16	Element-doped graphitic carbon nitride: confirmation of doped elements and applications. Nanoscale Advances, 2021, 3, 4370-4387.	4.6	27
17	Profiling MicroRNAs with Associated Spatial Dynamics in Acute Tissue Slices. ACS Nano, 2021, 15, 4881-4892.	14.6	10
18	Nanocapillarity and Nanoconfinement Effects of Pipet-like Bismuth@Carbon Nanotubes for Highly Efficient Electrocatalytic CO₂ Reduction. Nano Letters, 2021, 21, 2650-2657.	9.1	95

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19	Ultrasoundâ€Enhanced Selfâ€Exciting Photodynamic Therapy Based on Hypocrellin B. Chemistry - an Asian Journal, 2021, 16, 1221-1224.	3.3	3
20	Structural engineering of sulfur-doped carbon encapsulated bismuth sulfide core-shell structure for enhanced potassium storage performance. Nano Research, 2021, 14, 3545-3551.	10.4	16
21	Oxygenâ€Incorporated NiMoP Nanotube Arrays as Efficient Bifunctional Electrocatalysts For Ureaâ€Assisted Energyâ€Saving Hydrogen Production in Alkaline Electrolyte. Advanced Functional Materials, 2021, 31, 2104951.	14.9	247
22	Dilute Aqueousâ€Aprotic Hybrid Electrolyte Enabling a Wide Electrochemical Window through Solvation Structure Engineering. Advanced Materials, 2021, 33, e2102390.	21.0	28
23	Plasma-assisted synthesis of nickel-cobalt nitrideâ€“oxide hybrids for high-efficiency electrochemical hydrogen evolution. Materials Today Energy, 2021, 21, 100784.	4.7	16
24	Amphiphilic Diketopyrrolopyrrole Derivatives for Efficient Near-Infrared Fluorescence Imaging and Photothermal Therapy. ACS Omega, 2021, 6, 26575-26582.	3.5	8
25	Trilayer organic narrowband photodetector with electrically-switchable spectral range and color sensing ability. Journal of Materials Chemistry C, 2021, 9, 3814-3819.	5.5	8
26	Fluorinated Carbonate Electrolyte with Superior Oxidative Stability Enables Longâ€Term Cycle Stability of Na_{2/3}Ni_{1/3}Mn_{2/3}O₂ Cathodes in Sodiumâ€Ion Batteries. Advanced Energy Materials, 2021, 11, 2002737.	19.5	37
27	Near-Infrared Light-Triggered Lysosome-Targetable Carbon Dots for Photothermal Therapy of Cancer. ACS Applied Materials & Interfaces, 2021, 13, 53610-53617.	8.0	54
28	A novel hypocrellin-based assembly for sonodynamic therapy against glioblastoma. Journal of Materials Chemistry B, 2021, 10, 57-63.	5.8	9
29	High-Performance NaVO₃ with Mixed Cationic and Anionic Redox Reactions for Na-Ion Battery Applications. Chemistry of Materials, 2020, 32, 8836-8844.	6.7	14
30	Nanostructured and Boron-Doped Diamond as an Electrocatalyst for Nitrogen Fixation. ACS Energy Letters, 2020, 5, 2590-2596.	17.4	55
31	Boosting oxygen evolution reaction on graphene through engineering electronic structure. Carbon, 2020, 170, 414-420.	10.3	26
32	A two-photon fluorescent probe for sensitive detection and imaging of Î³-glutamyl transpeptidase. Chemical Communications, 2020, 56, 10902-10905.	4.1	22
33	Flexible Diamond Fibers for Highâ€Energyâ€Density Zincâ€Ion Supercapacitors. Advanced Energy Materials, 2020, 10, 2002202.	19.5	69
34	Nearâ€Infrared Hypocrellin Derivatives for Synergistic Photodynamic and Photothermal Therapy. Chemistry - an Asian Journal, 2020, 15, 3462-3468.	3.3	12
35	Boosting Polysulfide Conversion in Lithiumâ€“Sulfur Batteries by Cobalt-Doped Vanadium Nitride Microflowers. ACS Applied Energy Materials, 2020, 3, 4523-4530.	5.1	36
36	Hypocrellin-Based Multifunctional Phototheranostic Agent for NIR-Triggered Targeted Chemo/Photodynamic/Photothermal Synergistic Therapy against Glioblastoma. ACS Applied Bio Materials, 2020, 3, 3817-3826.	4.6	18

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37	UV-to-IR highly transparent ultrathin diamond nanofilms with intriguing performances: Anti-fogging, self-cleaning and self-lubricating. Applied Surface Science, 2020, 527, 146733.	6.1	32
38	High-Efficiency Cellular Reprogramming by Nanoscale Puncturing. Nano Letters, 2020, 20, 5473-5481.	9.1	13
39	Engineering the coordination environment enables molybdenum single-atom catalyst for efficient oxygen reduction reaction. Journal of Catalysis, 2020, 389, 150-156.	6.2	64
40	Tunable Photoâ€Electrochemistry of Patterned TiO₂/BDD Heterojunctions. Small Methods, 2020, 4, 2000257.	8.6	26
41	Controllable growth and flexible optoelectronic devices of regularly-assembled Bi2S3 semiconductor nanowire bifurcated junctions and crosslinked networks. Nano Research, 2020, 13, 2226-2232.	10.4	16
42	Highly Efficient Electrochemical Reduction of Nitrogen to Ammonia on Surface Termination Modified Ti₃C₂T_x MXene Nanosheets. ACS Nano, 2020, 14, 9089-9097.	14.6	137
43	High-throughput intracellular biopsy of microRNAs for dissecting the temporal dynamics of cellular heterogeneity. Science Advances, 2020, 6, eaba4971.	10.3	20
44	Defect engineering of nanostructured electrocatalysts for enhancing nitrogen reduction. Journal of Materials Chemistry A, 2020, 8, 7457-7473.	10.3	41
45	Photosensitizer doped zeolitic imidazolate framework-8 nanocomposites for combined antibacterial therapy to overcome methicillin-resistant Staphylococcus aureus (MRSA). Colloids and Surfaces B: Biointerfaces, 2020, 190, 110900.	5.0	12
46	An oxygen-deficient vanadium oxide@N-doped carbon heterostructure for sodium-ion batteries: insights into the charge storage mechanism and enhanced reaction kinetics. Journal of Materials Chemistry A, 2020, 8, 3450-3458.	10.3	81
47	Lysosome-targetable carbon dots for highly efficient photothermal/photodynamic synergistic cancer therapy and photoacoustic/two-photon excited fluorescence imaging. Chemical Engineering Journal, 2020, 388, 124212.	12.7	92
48	Lithiophilicity conversion of carbon paper with uniform Cu2+1O coating: Boosting stable Li-Cu2+1O-CP composite anode through melting infusion. Chemical Engineering Journal, 2020, 388, 124238.	12.7	5
49	Bismuth nanorod networks confined in a robust carbon matrix as long-cycling and high-rate potassium-ion battery anodes. Journal of Materials Chemistry A, 2020, 8, 8440-8446.	10.3	52
50	Cutting performance of cubic boron nitride-coated tools in dry turning of hardened ductile iron. Journal of Manufacturing Processes, 2020, 56, 158-168.	5.9	20
51	Defect-engineered vanadium trioxide nanofiber bundle@graphene hybrids for high-performance all-vanadate Na-ion and K-ion full batteries. Journal of Materials Chemistry A, 2019, 7, 19581-19588.	10.3	38
52	Optically tunable fluorescent carbon nanoparticles and their application in fluorometric sensing of copper ions. Nano Research, 2019, 12, 2576-2583.	10.4	47
53	A Biocompatible Free Radical Nanogenerator with Realâ€Time Monitoring Capability for High Performance Sequential Hypoxic Tumor Therapy. Advanced Functional Materials, 2019, 29, 1903436.	14.9	83
54	Nearly monodispersed MoS₂ hierarchical architectures as superior anodes for electrochemical lithium-storage. Nanotechnology, 2019, 30, 415402.	2.6	7

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55	Electrochemically Stable Sodium Metalâ€Tellurium/Carbon Nanorods Batteries. Advanced Energy Materials, 2019, 9, 1903046.	19.5	33
56	An Aqueous Znâ€Ion Hybrid Supercapacitor with High Energy Density and Ultrastability up to 80 000 Cycles. Advanced Energy Materials, 2019, 9, 1902915.	19.5	244
57	A graphene rheostat for highly durable and stretchable strain sensor. InformaÄnÃ-MateriÃ¡ly, 2019, 1, 396-406.	17.3	35
58	Dual Fenton Catalytic Nanoreactor for Integrative Type-I and Type-II Photodynamic Therapy Against Hypoxic Cancer Cells. ACS Applied Bio Materials, 2019, 2, 3854-3860.	4.6	38
59	Layered double hydroxide nanostructures and nanocomposites for biomedical applications. Journal of Materials Chemistry B, 2019, 7, 5583-5601.	5.8	108
60	Template-Directed Bifunctional Dodecahedral CoP/CN@MoS₂ Electrocatalyst for High Efficient Water Splitting. ACS Applied Materials & Interfaces, 2019, 11, 36649-36657.	8.0	70
61	â€œSeeingâ€•and Controlling Photoisomerization by (Z)-/(E)-Isomers with Aggregation-Induced Emission Characteristics. ACS Nano, 2019, 13, 12120-12126.	14.6	36
62	In situ nitridated porous nanosheet networked Co₃O₄â€“Co₄N heteronanostructures supported on hydrophilic carbon cloth for highly efficient electrochemical hydrogen evolution. Journal of Materials Chemistry A, 2019, 7, 775-782.	10.3	63
63	van der Waals Epitaxial Growth and Interfacial Passivation of Two-Dimensional Single-Crystalline Few-Layer Gray Arsenic Nanoflakes. Chemistry of Materials, 2019, 31, 4524-4535.	6.7	41
64	Surfaceâ€Engineered Black Niobium Oxide@Graphene Nanosheets for Highâ€Performance Sodiumâ€/Potassiumâ€Ion Full Batteries. Small, 2019, 15, e1901272.	10.0	88
65	Pyrene-derivatized highly fluorescent carbon dots for the sensitive and selective determination of ferric ions and dopamine. Dyes and Pigments, 2019, 170, 107574.	3.7	51
66	Photosensitizers for Photodynamic Therapy. Advanced Healthcare Materials, 2019, 8, e1900132.	7.6	637
67	Nitrogenâ€Doped Grapheneâ€Encapsulated Nickelâ€“Copper Alloy Nanoflower for Highly Efficient Electrochemical Hydrogen Evolution Reaction. Small, 2019, 15, e1901545.	10.0	50
68	Sulfur-deficient MoS₂ grown inside hollow mesoporous carbon as a functional polysulfide mediator. Journal of Materials Chemistry A, 2019, 7, 12068-12074.	10.3	112
69	Biodegradable Natural Product-Based Nanoparticles for Near-Infrared Fluorescence Imaging-Guided Sonodynamic Therapy. ACS Applied Materials & Interfaces, 2019, 11, 18178-18185.	8.0	55
70	Nitrogen-Doped Carbon-Encapsulated Antimony Sulfide Nanowires Enable High Rate Capability and Cyclic Stability for Sodium-Ion Batteries. ACS Applied Nano Materials, 2019, 2, 1457-1465.	5.0	40
71	Surface plasmon resonance enhanced direct Z-scheme TiO₂/ZnTe/Au nanocorncob heterojunctions for efficient photocatalytic overall water splitting. Nanoscale, 2019, 11, 9053-9060.	5.6	55
72	Oxygen-deficient titanium dioxide as a functional host for lithiumâ€“sulfur batteries. Journal of Materials Chemistry A, 2019, 7, 10346-10353.	10.3	109

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73	Hierarchically nanostructured ZnCo2O4 particles in 3D graphene networks for high-rate and long-life lithium ion batteries. Materials Today Energy, 2019, 12, 46-52.	4.7	18
74	Lithiophilicity conversion of the Cu surface through facile thermal oxidation: boosting a stable Liâ€“Cu composite anode through melt infusion. Journal of Materials Chemistry A, 2019, 7, 5726-5732.	10.3	34
75	Batteries: Electrochemically Stable Sodium Metalâ€Tellurium/Carbon Nanorods Batteries (Adv. Energy) Tj ETQq1 1 0.784314 rgBT /Ov	19.5	3
76	Hydrogen Evolution Reaction: Nitrogenâ€Doped Grapheneâ€Encapsulated Nickelâ€“Copper Alloy Nanoflower for Highly Efficient Electrochemical Hydrogen Evolution Reaction (Small 48/2019). Small, 2019, 15, 1970260.	10.0	11
77	Review on photocatalytic and electrocatalytic artificial nitrogen fixation for ammonia synthesis at mild conditions: Advances, challenges and perspectives. Nano Research, 2019, 12, 1229-1249.	10.4	301
78	Green Mass Production of Pure Nanodrugs via an Ice-Template-Assisted Strategy. Nano Letters, 2019, 19, 658-665.	9.1	37
79	Electrostatic self-assembly seeding strategy to improve machining performance of nanocrystalline diamond coated cutting tools. Surface and Coatings Technology, 2019, 357, 870-878.	4.8	22
80	Visualizing the Initial Step of Self-Assembly and the Phase Transition by Stereogenic Amphiphiles with Aggregation-Induced Emission. ACS Nano, 2019, 13, 839-846.	14.6	77
81	Ultralarge elastic deformation of nanoscale diamond. Science, 2018, 360, 300-302.	12.6	208
82	Strong Capillarity, Chemisorption, and Electrocatalytic Capability of Crisscrossed Nanostraws Enabled Flexible, High-Rate, and Long-Cycling Lithiumâ€“Sulfur Batteries. ACS Nano, 2018, 12, 4868-4876.	14.6	222
83	Controlling Directional Liquid Motion on Micro- and Nanocrystalline Diamond/Î²-SiC Composite Gradient Films. Langmuir, 2018, 34, 1419-1428.	3.5	16
84	Lithiophilic Cuâ€CuOâ€Ni Hybrid Structure: Advanced Current Collectors Toward Stable Lithium Metal Anodes. Advanced Materials, 2018, 30, 1705830.	21.0	217
85	Light-weight 3D Coâ€“N-doped hollow carbon spheres as efficient electrocatalysts for rechargeable zincâ€“air batteries. Nanoscale, 2018, 10, 10412-10419.	5.6	73
86	MoS2 nanobelts with (002) plane edges-enriched flat surfaces for high-rate sodium and lithium storage. Energy Storage Materials, 2018, 15, 65-74.	18.0	96
87	Heterointerface engineering of trilayer-shelled ultrathin MoS₂/MoP/N-doped carbon hollow nanobubbles for efficient hydrogen evolution. Journal of Materials Chemistry A, 2018, 6, 24783-24792.	10.3	79
88	Nitrogen-Doped Carbon Nanotube Forests Planted on Cobalt Nanoflowers as Polysulfide Mediator for Ultralow Self-Discharge and High Areal-Capacity Lithiumâ€“Sulfur Batteries. Nano Letters, 2018, 18, 7949-7954.	9.1	85
89	Editable asymmetric all-solid-state supercapacitors based on high-strength, flexible, and programmable 2D-metalâ€“organic framework/reduced graphene oxide self-assembled papers. Journal of Materials Chemistry A, 2018, 6, 20254-20266.	10.3	110
90	Selfâ€Adaptive Electrode with SWCNT Bundles as Elastic Substrate for Highâ€Rate and Longâ€Cycleâ€Life Lithium/Sodium Ion Batteries. Small, 2018, 14, e1802913.	10.0	32

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91	Oxygen Vacancy Engineering Promoted Photocatalytic Ammonia Synthesis on Ultrathin Two-Dimensional Bismuth Oxybromide Nanosheets. Nano Letters, 2018, 18, 7372-7377.	9.1	308
92	Highly efficient overall water splitting driven by all-inorganic perovskite solar cells and promoted by bifunctional bimetallic phosphide nanowire arrays. Journal of Materials Chemistry A, 2018, 6, 20076-20082.	10.3	51
93	In situ formation of NaTi₂(PO₄)₃ cubes on Ti₃C₂ MXene for dual-mode sodium storage. Journal of Materials Chemistry A, 2018, 6, 18525-18532.	10.3	60
94	Feroxyhyte Nanosheets: Iron Vacancies Induced Bifunctionality in Ultrathin Feroxyhyte Nanosheets for Overall Water Splitting (Adv. Mater. 36/2018). Advanced Materials, 2018, 30, 1870272.	21.0	22
95	Synthesis of Mesoporous ZIFâ€8 Nanoribbons and their Conversion into Carbon Nanoribbons for Highâ€Performance Supercapacitors. Chemistry - A European Journal, 2018, 24, 11185-11192.	3.3	24
96	High-performance microwave absorption materials based on MoS 2 -graphene isomorphic hetero-structures. Journal of Alloys and Compounds, 2018, 758, 62-71.	5.5	77
97	Iron Vacancies Induced Bifunctionality in Ultrathin Feroxyhyte Nanosheets for Overall Water Splitting. Advanced Materials, 2018, 30, e1803144.	21.0	225
98	Highly efficient microwave absorption properties and broadened absorption bandwidth of MoS2-iron oxide hybrids and MoS2-based reduced graphene oxide hybrids with Hetero-structures. Applied Surface Science, 2018, 462, 872-882.	6.1	90
99	Carbon Dots as Multifunctional Phototheranostic Agents for Photoacoustic/Fluorescence Imaging and Photothermal/Photodynamic Synergistic Cancer Therapy. Advanced Therapeutics, 2018, 1, 1800077.	3.2	77
100	Three-dimensional spongy framework as superlyophilic, strongly absorbing, and electrocatalytic polysulfide reservoir layer for high-rate and long-cycling lithium-sulfur batteries. Nano Research, 2018, 11, 6436-6446.	10.4	38
101	Unconventional Nickel Nitride Enriched with Nitrogen Vacancies as a Highâ€Efficiency Electrocatalyst for Hydrogen Evolution. Advanced Science, 2018, 5, 1800406.	11.2	163
102	Averaging effect on improving signal reproducibility of gap-based and gap-free SERS substrates based on ordered Si nanowire arrays. RSC Advances, 2017, 7, 5297-5305.	3.6	11
103	Firmly anchored photosensitizer Chlorin e6 to layered double hydroxide nanoflakes for highly efficient photodynamic therapy in vivo. Chemical Communications, 2017, 53, 2339-2342.	4.1	29
104	Biocompatible Dâ€“A Semiconducting Polymer Nanoparticle with Lightâ€Harvesting Unit for Highly Effective Photoacoustic Imaging Guided Photothermal Therapy. Advanced Functional Materials, 2017, 27, 1605094.	14.9	188
105	Water-Soluble Polythiophene for Two-Photon Excitation Fluorescence Imaging and Photodynamic Therapy of Cancer. ACS Applied Materials & Interfaces, 2017, 9, 14590-14595.	8.0	49
106	Two-photon-excited near-infrared emissive carbon dots as multifunctional agents for fluorescence imaging and photothermal therapy. Nano Research, 2017, 10, 3113-3123.	10.4	246
107	From wheat bran derived carbonaceous materials to a highly stretchable and durable strain sensor. RSC Advances, 2017, 7, 22619-22626.	3.6	21
108	Interlayer Nanoarchitectonics of Twoâ€Dimensional Transitionâ€Metal Dichalcogenides Nanosheets for Energy Storage and Conversion Applications. Advanced Energy Materials, 2017, 7, 1700571.	19.5	303

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109	Diamond nanostructures for drug delivery, bioimaging, and biosensing. Chemical Society Reviews, 2017, 46, 734-760.	38.1	109
110	MoS₂ Nanosheets Supported on Hollow Carbon Spheres as Efficient Catalysts for Electrochemical Hydrogen Evolution Reaction. ACS Omega, 2017, 2, 5087-5094.	3.5	38
111	Colorimetric analysis of lipopolysaccharides based on its self-assembly to inhibit ion transport. Analytica Chimica Acta, 2017, 992, 85-93.	5.4	9
112	A Novel Type of Aqueous Dispersible Ultrathin-Layered Double Hydroxide Nanosheets for in Vivo Bioimaging and Drug Delivery. ACS Applied Materials & Interfaces, 2017, 9, 34185-34193.	8.0	42
113	Mesoporous Nanosheet Networked Hybrids of Cobalt Oxide and Cobalt Phosphate for Efficient Electrochemical and Photoelectrochemical Oxygen Evolution. Small, 2017, 13, 1701875.	10.0	66
114	Size Controllable and Surface Tunable Zeolitic Imidazolate Framework-8â€“Poly(acrylic acid sodium) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 ACS Applied Materials & Interfaces, 2017, 9, 32990-33000.	8.0	69
115	Vertically Aligned Graphene Nanosheet Arrays: Synthesis, Properties and Applications in Electrochemical Energy Conversion and Storage. Advanced Energy Materials, 2017, 7, 1700678.	19.5	126
116	Construction of MoO₂ Quantum Dotâ€“Graphene and MoS₂ Nanoparticleâ€“Graphene Nanoarchitectures toward Ultrahigh Lithium Storage Capability. ACS Applied Materials & Interfaces, 2017, 9, 28441-28450.	8.0	38
117	Superior Pseudocapacitive Lithium-Ion Storage in Porous Vanadium Oxides@C Heterostructure Composite. ACS Applied Materials & Interfaces, 2017, 9, 43665-43673.	8.0	83
118	rGO/SnS₂/TiO₂heterostructured composite with dual-confinement for enhanced lithium-ion storage. Journal of Materials Chemistry A, 2017, 5, 25056-25063.	10.3	136
119	Porous-Shell Vanadium Nitride Nanobubbles with Ultrahigh Areal Sulfur Loading for High-Capacity and Long-Life Lithiumâ€“Sulfur Batteries. Nano Letters, 2017, 17, 7839-7846.	9.1	206
120	Nanoparticles Encapsulated in Porous Carbon Matrix Coated on Carbon Fibers: An Ultrastable Cathode for Liâ€Ion Batteries. Advanced Energy Materials, 2017, 7, 1601363.	19.5	48
121	Degradable Hollow Mesoporous Silicon/Carbon Nanoparticles for Photoacoustic Imaging-Guided Highly Effective Chemo-Thermal Tumor Therapy in Vitro and in Vivo. Theranostics, 2017, 7, 3007-3020.	10.0	78
122	Bactericidal activity of biomimetic diamond nanocone surfaces. Biointerphases, 2016, 11, 011014.	1.6	115
123	Superhydrophobic SERS chip based on a Ag coated natural taro-leaf. Nanoscale, 2016, 8, 11487-11493.	5.6	82
124	Self-Assembly of Electron Donorâ€“Acceptor-Based Carbazole Derivatives: Novel Fluorescent Organic Nanoprobes for Both One- and Two-Photon Cellular Imaging. ACS Applied Materials & Interfaces, 2016, 8, 11355-11365.	8.0	56
125	Intracellular Delivery: Diamondâ€Nanoneedleâ€Arrayâ€Facilitated Intracellular Delivery and the Potential Influence on Cell Physiology (Adv. Healthcare Mater. 10/2016). Advanced Healthcare Materials, 2016, 5, 1116-1116.	7.6	2
126	Grapheneâ€Nanowallâ€Decorated Carbon Felt with Excellent Electrochemical Activity Toward VO₂⁺/VO²⁺ Couple for All Vanadium Redox Flow Battery. Advanced Science, 2016, 3, 1500276.	11.2	152

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127	Electrochemical Energy Storage Application and Degradation Analysis of Carbon-Coated Hierarchical NiCo2S4 Core-Shell Nanowire Arrays Grown Directly on Graphene/Nickel Foam. Scientific Reports, 2016, 6, 20264.	3.3	56
128	P2-Type Na_xCu_{0.15}Ni_{0.20}Mn_{0.65}O₂ Cathodes with High Voltage for High-Power and Long-Life Sodium-Ion Batteries. ACS Applied Materials & Interfaces, 2016, 8, 31661-31668.	8.0	77
129	Solventâ€Polarityâ€Engineered Controllable Synthesis of Highly Fluorescent Cesium Lead Halide Perovskite Quantum Dots and Their Use in White Lightâ€Emitting Diodes. Advanced Functional Materials, 2016, 26, 8478-8486.	14.9	129
130	Diamondâ€Nanoneedleâ€Arrayâ€Facilitated Intracellular Delivery and the Potential Influence on Cell Physiology. Advanced Healthcare Materials, 2016, 5, 1157-1168.	7.6	27
131	Fe_{1â^'x}S/C nanocomposites from sugarcane waste-derived microporous carbon for high-performance lithium ion batteries. Green Chemistry, 2016, 18, 3029-3039.	9.0	83
132	In situ incorporation of FeS nanoparticles/carbon nanosheets composite with an interconnected porous structure as a high-performance anode for lithium ion batteries. Journal of Materials Chemistry A, 2016, 4, 3697-3703.	10.3	153
133	GaN nanowire arrays by a patterned metal-assisted chemical etching. Journal of Crystal Growth, 2016, 440, 96-101.	1.5	14
134	Hierarchical nanotubes assembled from MoS 2 -carbon monolayer sandwiched superstructure nanosheets for high-performance sodium ion batteries. Nano Energy, 2016, 22, 27-37.	16.0	333
135	Synthesis of high-quality mesoporous silicon particles for enhanced lithium storage performance. Materials Chemistry and Physics, 2016, 173, 89-94.	4.0	9
136	In Situ Carbon-Doped Mo(Se_{0.85}S_{0.15})₂Hierarchical Nanotubes as Stable Anodes for High-Performance Sodium-Ion Batteries. Small, 2015, 11, 5667-5674.	10.0	101
137	Controllable Synthesis of Bandgapâ€Tunable CuS_xSe_{1â^'x} Nanoplate Alloys. Chemistry - an Asian Journal, 2015, 10, 1490-1495.	3.3	18
138	Dense diamond nanoneedle arrays for enhanced intracellular delivery of drug molecules to cell lines. Journal of Materials Science, 2015, 50, 7800-7807.	3.7	17
139	Dendritic Heterojunction Nanowire Arrays for High-Performance Supercapacitors. Scientific Reports, 2015, 5, 7862.	3.3	82
140	Recyclable Nonâ€Enzymatic Glucose Sensor Based on Ni/NiTiO₃/TiO₂ Nanotube Arrays. ChemPlusChem, 2015, 80, 576-582.	2.8	34
141	Photothermal Theragnosis Synergistic Therapy Based on Bimetal Sulphide Nanocrystals Rather Than Nanocomposites. Advanced Materials, 2015, 27, 1339-1345.	21.0	149
142	Fabrication of arrays of high-aspect-ratio diamond nanoneedles via maskless ECR-assisted microwave plasma etching. CrystEngComm, 2015, 17, 2791-2800.	2.6	22
143	Layer-stacked cobalt ferrite (CoFe₂O₄) mesoporous platelets for high-performance lithium ion battery anodes. Journal of Materials Chemistry A, 2015, 3, 6990-6997.	10.3	111
144	Green Synthesis of Bifunctional Fluorescent Carbon Dots from Garlic for Cellular Imaging and Free Radical Scavenging. ACS Applied Materials & Interfaces, 2015, 7, 17054-17060.	8.0	494

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145	Synthesis of SiC decorated carbonaceous nanorods and its hierarchical composites Si@SiC@C for high-performance lithium ion batteries. Journal of Alloys and Compounds, 2015, 646, 966-972.	5.5	32
146	Three-dimensional-networked NiCo2S4 nanosheet array/carbon cloth anodes for high-performance lithium-ion batteries. NPG Asia Materials, 2015, 7, e195-e195.	7.9	158
147	Microstructure and tribo-mechanical properties of Tiâ€“Bâ€“C nanocomposite films prepared by magnetron sputtering. Surface and Coatings Technology, 2015, 270, 290-298.	4.8	17
148	Surface Transfer Doping of Cubic Boron Nitride Films by MoO₃ and Tetrafluoro-tetracyanoquinodimethane (F4-TCNQ). ACS Applied Materials & Interfaces, 2015, 7, 9851-9857.	8.0	18
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