

# Wenjun Zhang

## List of Publications by Year in descending order

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193  
papers

18,221  
citations

8181

76  
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13379

130  
g-index

194  
all docs

194  
docs citations

194  
times ranked

26654  
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient and stable large-area perovskite solar cells with inorganic charge extraction layers. <i>Science</i> , 2015, 350, 944-948.	12.6	2,007
2	A graphene quantum dot photodynamic therapy agent with high singlet oxygen generation. <i>Nature Communications</i> , 2014, 5, 4596.	12.8	1,141
3	Photosensitizers for Photodynamic Therapy. <i>Advanced Healthcare Materials</i> , 2019, 8, e1900132.	7.6	637
4	Green Synthesis of Bifunctional Fluorescent Carbon Dots from Garlic for Cellular Imaging and Free Radical Scavenging. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 17054-17060.	8.0	494
5	Silicon nanowires for rechargeable lithium-ion battery anodes. <i>Applied Physics Letters</i> , 2008, 93, .	3.3	372
6	Hierarchical nanotubes assembled from MoS <sub>2</sub> -carbon monolayer sandwiched superstructure nanosheets for high-performance sodium ion batteries. <i>Nano Energy</i> , 2016, 22, 27-37.	16.0	333
7	Interlayer Nanoarchitectonics of Two-Dimensional Transition-Metal Dichalcogenides Nanosheets for Energy Storage and Conversion Applications. <i>Advanced Energy Materials</i> , 2017, 7, 1700571.	19.5	303
8	One-dimensional II-VI nanostructures: Synthesis, properties and optoelectronic applications. <i>Nano Today</i> , 2010, 5, 313-336.	11.9	293
9	Vertically Aligned Boron Nitride Nanosheets: Chemical Vapor Synthesis, Ultraviolet Light Emission, and Superhydrophobicity. <i>ACS Nano</i> , 2010, 4, 414-422.	14.6	291
10	Two-photon-excited near-infrared emissive carbon dots as multifunctional agents for fluorescence imaging and photothermal therapy. <i>Nano Research</i> , 2017, 10, 3113-3123.	10.4	246
11	Iron Vacancies Induced Bifunctionality in Ultrathin Ferroxhyte Nanosheets for Overall Water Splitting. <i>Advanced Materials</i> , 2018, 30, e1803144.	21.0	225
12	Lithiophilic Cu-CuO-Ni Hybrid Structure: Advanced Current Collectors Toward Stable Lithium Metal Anodes. <i>Advanced Materials</i> , 2018, 30, 1705830.	21.0	217
13	Hierarchical Composite Electrodes of Nickel Oxide Nanoflake 3D Graphene for High-Performance Pseudocapacitors. <i>Advanced Functional Materials</i> , 2014, 24, 6372-6380.	14.9	210
14	Ultralarge elastic deformation of nanoscale diamond. <i>Science</i> , 2018, 360, 300-302.	12.6	208
15	Hierarchical composite structure of few-layers MoS <sub>2</sub> nanosheets supported by vertical graphene on carbon cloth for high-performance hydrogen evolution reaction. <i>Nano Energy</i> , 2015, 18, 196-204.	16.0	191
16	Transformation Process and Photocatalytic Activities of Hydrothermally Synthesized Zn <sub>2</sub> SnO <sub>4</sub> Nanocrystals. <i>Journal of Physical Chemistry C</i> , 2008, 112, 4159-4167.	3.1	189
17	Biocompatible DNA Semiconducting Polymer Nanoparticle with Light-Harvesting Unit for Highly Effective Photoacoustic Imaging Guided Photothermal Therapy. <i>Advanced Functional Materials</i> , 2017, 27, 1605094.	14.9	188
18	Arrays of ZnO/ZnCdSe Nanocables: Band Gap Engineering and Photovoltaic Applications. <i>Nano Letters</i> , 2011, 11, 4138-4143.	9.1	185

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19	High Detectivity Solar-blind High-Temperature Deep-Ultraviolet Photodetector Based on Multi-layered (100) Facet-oriented $\text{Ga}_2\text{O}_3$ Nanobelts. <i>Small</i> , 2014, 10, 1848-1856.	10.0	185
20	Surface-Dominated Transport Properties of Silicon Nanowires. <i>Advanced Functional Materials</i> , 2008, 18, 3251-3257.	14.9	180
21	Slot-die coating large-area formamidinium-cesium perovskite film for efficient and stable parallel solar module. <i>Science Advances</i> , 2021, 7, .	10.3	165
22	Unconventional Nickel Nitride Enriched with Nitrogen Vacancies as a High-Efficiency Electrocatalyst for Hydrogen Evolution. <i>Advanced Science</i> , 2018, 5, 1800406.	11.2	163
23	Layer-by-Layer Assembled Reduced Graphene Oxide/Gold Nanoparticle Hybrid Double-Floating-Gate Structure for Low-Voltage Flexible Flash Memory. <i>Advanced Materials</i> , 2013, 25, 872-877.	21.0	158
24	Three-dimensional-networked NiCo <sub>2</sub> S <sub>4</sub> nanosheet array/carbon cloth anodes for high-performance lithium-ion batteries. <i>NPG Asia Materials</i> , 2015, 7, e195-e195.	7.9	158
25	In situ incorporation of FeS nanoparticles/carbon nanosheets composite with an interconnected porous structure as a high-performance anode for lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2016, 4, 3697-3703.	10.3	153
26	Graphene-Nanowall-Decorated Carbon Felt with Excellent Electrochemical Activity Toward $\text{VO}_2^+/\text{VO}_2^{2+}$ Couple for All Vanadium Redox Flow Battery. <i>Advanced Science</i> , 2016, 3, 1500276.	11.2	152
27	Surface Engineering of ZnO Nanostructures for Semiconductor-Sensitized Solar Cells. <i>Advanced Materials</i> , 2014, 26, 5337-5367.	21.0	149
28	Photothermal Theragnosis Synergistic Therapy Based on Bimetal Sulphide Nanocrystals Rather Than Nanocomposites. <i>Advanced Materials</i> , 2015, 27, 1339-1345.	21.0	149
29	Self-Monitoring and Self-Delivery of Photosensitizer-Doped Nanoparticles for Highly Effective Combination Cancer Therapy <i>in Vitro</i> and <i>in Vivo</i> . <i>ACS Nano</i> , 2015, 9, 9741-9756.	14.6	149
30	Carbon Nanoparticle-based Ratiometric Fluorescent Sensor for Detecting Mercury Ions in Aqueous Media and Living Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 21270-21278.	8.0	144
31	Three-dimensional Sn-graphene anode for high-performance lithium-ion batteries. <i>Nanoscale</i> , 2013, 5, 10599.	5.6	141
32	Germanium-graphene composite anode for high-energy lithium batteries with long cycle life. <i>Journal of Materials Chemistry A</i> , 2013, 1, 1821-1826.	10.3	138
33	rGO/SnS <sub>2</sub> /TiO <sub>2</sub> heterostructured composite with dual-confinement for enhanced lithium-ion storage. <i>Journal of Materials Chemistry A</i> , 2017, 5, 25056-25063.	10.3	136
34	Copper substituted P2-type $\text{Na}_{0.67}\text{Cu}_x\text{Mn}_{1-x}\text{O}_2$ : a stable high-power sodium-ion battery cathode. <i>Journal of Materials Chemistry A</i> , 2015, 3, 22846-22852.	10.3	135
35	Iron(molybdate) ( $\text{FeMoO}_4$ ) nanorods as a high-performance anode for lithium ion batteries: structural and chemical evolution upon cycling. <i>Journal of Materials Chemistry A</i> , 2015, 3, 20527-20534.	10.3	135
36	Core-Shell Si/C Nanospheres Embedded in Bubble Sheet-Like Carbon Film with Enhanced Performance as Lithium Ion Battery Anodes. <i>Small</i> , 2015, 11, 1345-1351.	10.0	131

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37	High-Rate Deposition of High-Quality, Thick Cubic Boron Nitride Films by Bias-Assisted DC Jet Plasma Chemical Vapor Deposition. <i>Japanese Journal of Applied Physics</i> , 2000, 39, L442-L444.	1.5	130
38	Solventâ€Polarityâ€Engineered Controllable Synthesis of Highly Fluorescent Cesium Lead Halide Perovskite Quantum Dots and Their Use in White Lightâ€Emitting Diodes. <i>Advanced Functional Materials</i> , 2016, 26, 8478-8486.	14.9	129
39	Vertically Aligned Graphene Nanosheet Arrays: Synthesis, Properties and Applications in Electrochemical Energy Conversion and Storage. <i>Advanced Energy Materials</i> , 2017, 7, 1700678.	19.5	126
40	Facile Oneâ€Step Growth and Patterning of Aligned Squaraine Nanowires via Evaporationâ€Induced Selfâ€Assembly. <i>Advanced Materials</i> , 2008, 20, 1716-1720.	21.0	123
41	Surface passivation and band engineering: a way toward high efficiency grapheneâ€planar Si solar cells. <i>Journal of Materials Chemistry A</i> , 2013, 1, 8567.	10.3	123
42	High-efficiency graphene/Si nanoarray Schottky junction solar cells via surface modification and graphene doping. <i>Journal of Materials Chemistry A</i> , 2013, 1, 6593.	10.3	122
43	Copolythiophene-Derived Colorimetric and Fluorometric Sensor for Visually Supersensitive Determination of Lipopolysaccharide. <i>Journal of the American Chemical Society</i> , 2012, 134, 6685-6694.	13.7	115
44	Bactericidal activity of biomimetic diamond nanocone surfaces. <i>Biointerphases</i> , 2016, 11, 011014.	1.6	115
45	Effect of BCP buffer layer on eliminating charge accumulation for high performance of inverted perovskite solar cells. <i>RSC Advances</i> , 2017, 7, 35819-35826.	3.6	115
46	In situ nitrogen-doped graphene grown from polydimethylsiloxane by plasma enhanced chemical vapor deposition. <i>Nanoscale</i> , 2013, 5, 600-605.	5.6	114
47	Sulfur-deficient MoS <sub>2</sub> grown inside hollow mesoporous carbon as a functional polysulfide mediator. <i>Journal of Materials Chemistry A</i> , 2019, 7, 12068-12074.	10.3	112
48	Layer-stacked cobalt ferrite (CoFe <sub>2</sub> O <sub>4</sub> ) mesoporous platelets for high-performance lithium ion battery anodes. <i>Journal of Materials Chemistry A</i> , 2015, 3, 6990-6997.	10.3	111
49	Editable asymmetric all-solid-state supercapacitors based on high-strength, flexible, and programmable 2D-metalâ€organic framework/reduced graphene oxide self-assembled papers. <i>Journal of Materials Chemistry A</i> , 2018, 6, 20254-20266.	10.3	110
50	Diamond nanostructures for drug delivery, bioimaging, and biosensing. <i>Chemical Society Reviews</i> , 2017, 46, 734-760.	38.1	109
51	Oxygen-deficient titanium dioxide as a functional host for lithiumâ€sulfur batteries. <i>Journal of Materials Chemistry A</i> , 2019, 7, 10346-10353.	10.3	109
52	Photoconductivity of a Single Smallâ€Molecule Organic Nanowire. <i>Advanced Materials</i> , 2008, 20, 2427-2432.	21.0	108
53	A General Strategy for Ligand Exchange on Upconversion Nanoparticles. <i>Inorganic Chemistry</i> , 2017, 56, 872-877.	4.0	106
54	Poking cells for efficient vector-free intracellular delivery. <i>Nature Communications</i> , 2014, 5, 4466.	12.8	104

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55	In Situ Carbon-Doped Mo(S <sub>0.85</sub> S <sub>0.15</sub> ) <sub>2</sub> Hierarchical Nanotubes as Stable Anodes for High-Performance Sodium-Ion Batteries. <i>Small</i> , 2015, 11, 5667-5674.	10.0	101
56	Visible-NIR photodetectors based on CdTe nanoribbons. <i>Nanoscale</i> , 2012, 4, 2914.	5.6	99
57	Hydrothermal synthesis of ordered single-crystalline rutile TiO <sub>2</sub> nanorod arrays on different substrates. <i>Applied Physics Letters</i> , 2010, 96, .	3.3	97
58	MoS <sub>2</sub> nanobelts with (002) plane edges-enriched flat surfaces for high-rate sodium and lithium storage. <i>Energy Storage Materials</i> , 2018, 15, 65-74.	18.0	96
59	Graphitic carbon nitride solid nanofilms for selective and recyclable sensing of Cu <sup>2+</sup> and Ag <sup>+</sup> in water and serum. <i>Chemical Communications</i> , 2014, 50, 15415-15418.	4.1	95
60	Salt-Assisted High-Throughput Synthesis of Single- and Few-Layer Transition Metal Dichalcogenides and Their Application in Organic Solar Cells. <i>Small</i> , 2014, 10, 4651-4657.	10.0	94
61	A carbon dot-based fluorescence turn-on sensor for hydrogen peroxide with a photo-induced electron transfer mechanism. <i>Chemical Communications</i> , 2015, 51, 15574-15577.	4.1	94
62	Three-dimensional networked NiCo <sub>2</sub> O <sub>4</sub> /MnO <sub>2</sub> branched nanowire heterostructure arrays on nickel foam with enhanced supercapacitor performance. <i>Journal of Materials Chemistry A</i> , 2015, 3, 1717-1723.	10.3	94
63	Controlled Assembly of Highly Raman-Enhancing Silver Nanocap Arrays Templated by Porous Anodic Alumina Membranes. <i>Small</i> , 2009, 5, 2333-2337.	10.0	92
64	Chalcoptatin, a dual-targeting and p53 activator-containing anticancer platinum( <sup>iv</sup> ) prodrug with unique mode of action. <i>Chemical Communications</i> , 2015, 51, 6301-6304.	4.1	90
65	Highly efficient microwave absorption properties and broadened absorption bandwidth of MoS <sub>2</sub> -iron oxide hybrids and MoS <sub>2</sub> -based reduced graphene oxide hybrids with Hetero-structures. <i>Applied Surface Science</i> , 2018, 462, 872-882.	6.1	90
66	A three-dimensional graphene scaffold supported thin film silicon anode for lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2013, 1, 10092.	10.3	88
67	Barrier Designs in Perovskite Solar Cells for Long-Term Stability. <i>Advanced Energy Materials</i> , 2020, 10, 2001610.	19.5	84
68	Silicon nanowire sensors for Hg <sup>2+</sup> and Cd <sup>2+</sup> ions. <i>Applied Physics Letters</i> , 2009, 94, .	3.3	83
69	Synthesis of Honeycomb-like Mesoporous Pyrite FeS <sub>2</sub> Microspheres as Efficient Counter Electrode in Quantum Dots Sensitized Solar Cells. <i>Small</i> , 2014, 10, 4754-4759.	10.0	83
70	Fe <sub>1-x</sub> S/C nanocomposites from sugarcane waste-derived microporous carbon for high-performance lithium ion batteries. <i>Green Chemistry</i> , 2016, 18, 3029-3039.	9.0	83
71	Superior Pseudocapacitive Lithium-Ion Storage in Porous Vanadium Oxides@C Heterostructure Composite. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 43665-43673.	8.0	83
72	Highly sensitive fluorescent probe for thiols based on combination of PET and ESIPT mechanisms. <i>Sensors and Actuators B: Chemical</i> , 2011, 156, 332-337.	7.8	82

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73	Dendritic Heterojunction Nanowire Arrays for High-Performance Supercapacitors. <i>Scientific Reports</i> , 2015, 5, 7862.	3.3	82
74	Superhydrophobic SERS chip based on a Ag coated natural taro-leaf. <i>Nanoscale</i> , 2016, 8, 11487-11493.	5.6	82
75	A recyclable carbon nanoparticle-based fluorescent probe for highly selective and sensitive detection of mercapto biomolecules. <i>Journal of Materials Chemistry B</i> , 2015, 3, 127-134.	5.8	79
76	Tuning Electrical and Photoelectrical Properties of CdSe Nanowires via Indium Doping. <i>Small</i> , 2009, 5, 345-350.	10.0	78
77	Degradable Hollow Mesoporous Silicon/Carbon Nanoparticles for Photoacoustic Imaging-Guided Highly Effective Chemo-Thermal Tumor Therapy <i>in Vitro</i> and <i>in Vivo</i> . <i>Theranostics</i> , 2017, 7, 3007-3020.	10.0	78
78	Recent progress in organic molecule/graphene interfaces. <i>Nano Today</i> , 2013, 8, 388-402.	11.9	77
79	P2-Type Na <sub>x</sub> Cu <sub>0.15</sub> Ni <sub>0.20</sub> Mn <sub>0.65</sub> O <sub>2</sub> Cathodes with High Voltage for High-Power and Long-Life Sodium-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 31661-31668.	8.0	77
80	High-performance microwave absorption materials based on MoS <sub>2</sub> -graphene isomorphic hetero-structures. <i>Journal of Alloys and Compounds</i> , 2018, 758, 62-71.	5.5	77
81	Visualizing the Initial Step of Self-Assembly and the Phase Transition by Stereogenic Amphiphiles with Aggregation-Induced Emission. <i>ACS Nano</i> , 2019, 13, 839-846.	14.6	77
82	Facile synthesis and electrochemical characterization of porous and dense TiO <sub>2</sub> nanospheres for lithium-ion battery applications. <i>Journal of Power Sources</i> , 2011, 196, 6394-6399.	7.8	75
83	Light-weight 3D N-doped hollow carbon spheres as efficient electrocatalysts for rechargeable zinc-air batteries. <i>Nanoscale</i> , 2018, 10, 10412-10419.	5.6	73
84	A silicon nanowire-reduced graphene oxide composite as a high-performance lithium ion battery anode material. <i>Nanoscale</i> , 2014, 6, 3353.	5.6	71
85	Size Controllable and Surface Tunable Zeolitic Imidazolate Framework-Poly(acrylic acid sodium) Tj ETQq1 1 0.784314 rgBT /Over ACS Applied Materials & Interfaces, 2017, 9, 32990-33000.	8.0	69
86	Direct Electrochemistry and Electrocatalytic Activity of Cytochrome <i>c</i> Covalently Immobilized on a Boron-Doped Nanocrystalline Diamond Electrode. <i>Analytical Chemistry</i> , 2008, 80, 4141-4146.	6.5	66
87	Advanced Materials and Nanotechnology for Drug Delivery. <i>Advanced Materials</i> , 2014, 26, 5533-5540.	21.0	66
88	Mesoporous Nanosheet Networked Hybrids of Cobalt Oxide and Cobalt Phosphate for Efficient Electrochemical and Photoelectrochemical Oxygen Evolution. <i>Small</i> , 2017, 13, 1701875.	10.0	66
89	CdS/CdSe Double-Sensitized ZnO Nanocable Arrays Synthesized by Chemical Solution Method and Their Photovoltaic Applications. <i>Journal of Physical Chemistry C</i> , 2012, 116, 2656-2661.	3.1	65
90	Influence of Ti content on the structure and tribological properties of Ti-DLC coatings in water lubrication. <i>Diamond and Related Materials</i> , 2012, 25, 163-175.	3.9	64

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91	<i>In situ</i> nitridated porous nanosheet networked Co <sub>3</sub> O <sub>4</sub> @Co <sub>4</sub> N heteronanostructures supported on hydrophilic carbon cloth for highly efficient electrochemical hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2019, 7, 775-782.	10.3	63
92	Facile solution growth of vertically aligned ZnO nanorods sensitized with aqueous CdS and CdSe quantum dots for photovoltaic applications. <i>Nanoscale Research Letters</i> , 2011, 6, 340.	5.7	61
93	Microstructure and water-lubricated friction and wear properties of CrN(C) coatings with different carbon contents. <i>Applied Surface Science</i> , 2013, 268, 579-587.	6.1	61
94	<i>In situ</i> formation of NaTi <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> cubes on Ti <sub>3</sub> C <sub>2</sub> MXene for dual-mode sodium storage. <i>Journal of Materials Chemistry A</i> , 2018, 6, 18525-18532.	10.3	60
95	Graphene encapsulated and SiC reinforced silicon nanowires as an anode material for lithium ion batteries. <i>Nanoscale</i> , 2013, 5, 8689.	5.6	56
96	Self-Assembly of Electron Donor-Acceptor-Based Carbazole Derivatives: Novel Fluorescent Organic Nanoprobes for Both One- and Two-Photon Cellular Imaging. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 11355-11365.	8.0	56
97	Electrochemical Energy Storage Application and Degradation Analysis of Carbon-Coated Hierarchical NiCo <sub>2</sub> S <sub>4</sub> Core-Shell Nanowire Arrays Grown Directly on Graphene/Nickel Foam. <i>Scientific Reports</i> , 2016, 6, 20264.	3.3	56
98	Nanostructured porous manganese carbonate spheres with capacitive effects on the high lithium storage capability. <i>Nanoscale</i> , 2015, 7, 10146-10151.	5.6	55
99	Biodegradable Natural Product-Based Nanoparticles for Near-Infrared Fluorescence Imaging-Guided Sonodynamic Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 18178-18185.	8.0	55
100	A highly selective fluorescent sensor for fluoride in aqueous solution based on the inhibition of excited-state intramolecular proton transfer. <i>Sensors and Actuators B: Chemical</i> , 2010, 146, 260-265.	7.8	54
101	A novel fluorogenic hybrid material for selective sensing of thiophenols. <i>Journal of Materials Chemistry</i> , 2011, 21, 13561.	6.7	51
102	Pyrene-derivatized highly fluorescent carbon dots for the sensitive and selective determination of ferric ions and dopamine. <i>Dyes and Pigments</i> , 2019, 170, 107574.	3.7	51
103	Facile synthesis of laminate-structured graphene sheet@Fe <sub>3</sub> O <sub>4</sub> nanocomposites with superior high reversible specific capacity and cyclic stability for lithium-ion batteries. <i>RSC Advances</i> , 2012, 2, 10680.	3.6	50
104	Nitrogen-Doped Graphene-Encapsulated Nickel-Copper Alloy Nanoflower for Highly Efficient Electrochemical Hydrogen Evolution Reaction. <i>Small</i> , 2019, 15, e1901545.	10.0	50
105	Highly stable organic fluorescent nanorods for living-cell imaging. <i>Nano Research</i> , 2015, 8, 2380-2389.	10.4	49
106	Water-Soluble Polythiophene for Two-Photon Excitation Fluorescence Imaging and Photodynamic Therapy of Cancer. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 14590-14595.	8.0	49
107	Nanoparticles Encapsulated in Porous Carbon Matrix Coated on Carbon Fibers: An Ultrastable Cathode for Li-Ion Batteries. <i>Advanced Energy Materials</i> , 2017, 7, 1601363.	19.5	48
108	Electronic structure of MoO <sub>3</sub> /graphene interface. <i>Carbon</i> , 2013, 65, 46-52.	10.3	47



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109	Phase Conversion from Hexagonal CuS <sub>1-x</sub> Se <sub>1-x</sub> to Cubic Cu <sub>2-x</sub> S <sub>x</sub> Se <sub>1-x</sub> : Composition Variation, Morphology Evolution, Optical Tuning, and Solar Cell Applications. ACS Applied Materials & Interfaces, 2014, 6, 16352-16359.	8.0	46
110	Magnetic-field-induced dielectric behaviors and magneto-electrical coupling of multiferroic compounds containing cobalt ferrite/barium calcium titanate composite fibers. Journal of Alloys and Compounds, 2018, 740, 1067-1076.	5.5	45
111	Violet-blue LEDs based on p-GaN/n-ZnO nanorods and their stability. Nanotechnology, 2011, 22, 245202.	2.6	43
112	Plasmonic nanopillar array embedded microfluidic chips: an in situ SERS monitoring platform. Journal of Materials Chemistry A, 2015, 3, 6408-6413.	10.3	43
113	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
114	Copolythiophene-Derived Colorimetric and Fluorometric Sensor for Lysophosphatidic Acid Based on Multipoint Interactions. ACS Applied Materials & Interfaces, 2013, 5, 2283-2288.	8.0	39
115	Optofluidic detection for cellular phenotyping. Lab on A Chip, 2012, 12, 3552.	6.0	38
116	A Diamond Nanoneedle Array for Potential High-Throughput Intracellular Delivery. Advanced Healthcare Materials, 2013, 2, 1103-1107.	7.6	38
117	MoS <sub>2</sub> Nanosheets Supported on Hollow Carbon Spheres as Efficient Catalysts for Electrochemical Hydrogen Evolution Reaction. ACS Omega, 2017, 2, 5087-5094.	3.5	38
118	Construction of MoO <sub>2</sub> Quantum Dot@Graphene and MoS <sub>2</sub> Nanoparticle@Graphene Nanoarchitectures toward Ultrahigh Lithium Storage Capability. ACS Applied Materials & Interfaces, 2017, 9, 28441-28450.	8.0	38
119	Effect of titanium or chromium content on the electrochemical properties of amorphous carbon coatings in simulated body fluid. Electrochimica Acta, 2013, 112, 603-611.	5.2	37
120	Green Mass Production of Pure Nanodrugs via an Ice-Template-Assisted Strategy. Nano Letters, 2019, 19, 658-665.	9.1	37
121	High-Sensitivity and Stable Cellular Fluorescence Imaging by Patterned Silver Nanocap Arrays. ACS Applied Materials & Interfaces, 2010, 2, 2465-2470.	8.0	36
122	Effective nondestructive evaluations on UHMWPE/Recycled-PA6 blends using FTIR imaging and dynamic mechanical analysis. Polymer Testing, 2017, 59, 371-376.	4.8	36
123	Boosting Polysulfide Conversion in Lithium-Sulfur Batteries by Cobalt-Doped Vanadium Nitride Microflowers. ACS Applied Energy Materials, 2020, 3, 4523-4530.	5.1	36
124	Interrogation of Cellular Innate Immunity by Diamond-Nanoneedle-Assisted Intracellular Molecular Fishing. Nano Letters, 2015, 15, 7058-7063.	9.1	35
125	Water Evaporation Induced Conversion of CuSe Nanoflakes to Cu <sub>2-x</sub> Se Hierarchical Columnar Superstructures for High-Performance Solar Cell Applications. Particle and Particle Systems Characterization, 2015, 32, 840-847.	2.3	34
126	Lithiophilicity conversion of the Cu surface through facile thermal oxidation: boosting a stable Li@Cu composite anode through melt infusion. Journal of Materials Chemistry A, 2019, 7, 5726-5732.	10.3	34



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127	Synthesis of SiC decorated carbonaceous nanorods and its hierarchical composites Si@SiC@C for high-performance lithium ion batteries. <i>Journal of Alloys and Compounds</i> , 2015, 646, 966-972.	5.5	32
128	Self-Adaptive Electrode with SWCNT Bundles as Elastic Substrate for High-Rate and Long-Cycle-Life Lithium/Sodium Ion Batteries. <i>Small</i> , 2018, 14, e1802913.	10.0	32
129	Influence of carbon content on the microstructure and tribological properties of TiN(C) coatings in water lubrication. <i>Surface and Coatings Technology</i> , 2012, 206, 3777-3787.	4.8	31
130	Corrosion resistance of ZrO <sub>2</sub> -Zr-coated biodegradable surgical magnesium alloy. <i>Journal of Materials Research</i> , 2008, 23, 312-319.	2.6	30
131	Controlled Surface Chemistry of Diamond/ <sup>2</sup> -SiC Composite Films for Preferential Protein Adsorption. <i>Langmuir</i> , 2014, 30, 1089-1099.	3.5	30
132	Mesoporous SnO <sub>2</sub> Nanostructures of Ultrahigh Surface Areas by Novel Anodization. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 28862-28871.	8.0	30
133	Water-enabled crystallization of mesoporous SnO <sub>2</sub> as a binder-free electrode for enhanced sodium storage. <i>Journal of Materials Chemistry A</i> , 2017, 5, 23967-23975.	10.3	30
134	Single zinc-doped indium oxide nanowire as driving transistor for organic light-emitting diode. <i>Applied Physics Letters</i> , 2008, 92, .	3.3	29
135	Molecular Structure and Chemical Property of a Divalent Metallofullerene Yb@C <sub>2</sub> (13)-C <sub>84</sub> . <i>Journal of the American Chemical Society</i> , 2013, 135, 12730-12735.	13.7	29
136	Firmly anchored photosensitizer Chlorin e6 to layered double hydroxide nanoflakes for highly efficient photodynamic therapy in vivo. <i>Chemical Communications</i> , 2017, 53, 2339-2342.	4.1	29
137	Tunable Silver Nanocap Superlattice Arrays for Surface-Enhanced Raman Scattering. <i>Journal of Physical Chemistry C</i> , 2011, 115, 24328-24333.	3.1	28
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