

Wenjun Zhang

List of Publications by Year in descending order

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193
papers

18,221
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8181

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26654
citing authors

#	ARTICLE	IF	CITATIONS
1	Strategies for highly efficient and stable cesium lead iodide perovskite photovoltaics: mechanisms and processes. <i>Journal of Materials Chemistry C</i> , 2022, 10, 4999-5023.	5.5	19
2	Strain release of formamidinium-cesium perovskite with imprint-assisted organic ammonium halide compensation for efficient and stable solar cells. <i>Nano Energy</i> , 2022, 101, 107594.	16.0	17
3	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
4	Barrier Designs in Perovskite Solar Cells for Long-Term Stability. <i>Advanced Energy Materials</i> , 2020, 10, 2001610.	19.5	84
5	Boosting Polysulfide Conversion in Lithium-Sulfur Batteries by Cobalt-Doped Vanadium Nitride Microflowlers. <i>ACS Applied Energy Materials</i> , 2020, 3, 4523-4530.	5.1	36
6	A general strategy for optimizing composite properties by evaluating the interfacial surface area of dispersed carbon nanotubes by fractal dimension. <i>Carbon</i> , 2019, 154, 457-465.	10.3	15
7	In situ nitridated porous nanosheet networked Co_3O_4 - Co_4N 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
8	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
9	Photosensitizers for Photodynamic Therapy. <i>Advanced Healthcare Materials</i> , 2019, 8, e1900132.	7.6	637
10	Nitrogen-Doped Graphene-Encapsulated Nickel-Copper Alloy Nanoflower for Highly Efficient Electrochemical Hydrogen Evolution Reaction. <i>Small</i> , 2019, 15, e1901545.	10.0	50
11	Sulfur-deficient MoS_2 grown inside hollow mesoporous carbon as a functional polysulfide mediator. <i>Journal of Materials Chemistry A</i> , 2019, 7, 12068-12074.	10.3	112
12	Biodegradable Natural Product-Based Nanoparticles for Near-Infrared Fluorescence Imaging-Guided Sonodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 18178-18185.	8.0	55
13	Oxygen-deficient titanium dioxide as a functional host for lithium-sulfur batteries. <i>Journal of Materials Chemistry A</i> , 2019, 7, 10346-10353.	10.3	109
14	Hierarchically nanostructured ZnCo_2O_4 particles in 3D graphene networks for high-rate and long-life lithium ion batteries. <i>Materials Today Energy</i> , 2019, 12, 46-52.	4.7	18
15	Nitrogen, Oxygen and Cobalt multiple-doped graphitized mesoporous carbon as a cost-effective carbon host with high sulfur content for lithium-sulfur batteries. <i>Journal of Alloys and Compounds</i> , 2019, 787, 1356-1364.	5.5	11
16	Lithiophilicity conversion of the Cu surface through facile thermal oxidation: boosting a stable Li-Cu composite anode through melt infusion. <i>Journal of Materials Chemistry A</i> , 2019, 7, 5726-5732.	10.3	34
17	Green Mass Production of Pure Nanodrugs via an Ice-Template-Assisted Strategy. <i>Nano Letters</i> , 2019, 19, 658-665.	9.1	37
18	Electrostatic self-assembly seeding strategy to improve machining performance of nanocrystalline diamond coated cutting tools. <i>Surface and Coatings Technology</i> , 2019, 357, 870-878.	4.8	22

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19	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
20	Ultralarge elastic deformation of nanoscale diamond. Science, 2018, 360, 300-302.	12.6	208
21	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
22	Controlling Directional Liquid Motion on Micro- and Nanocrystalline Diamond/ β -SiC Composite Gradient Films. Langmuir, 2018, 34, 1419-1428.	3.5	16
23	Lithiophilic Cu \AA Cu \AA Ni Hybrid Structure: Advanced Current Collectors Toward Stable Lithium Metal Anodes. Advanced Materials, 2018, 30, 1705830.	21.0	217
24	Light-weight 3D Co \AA N-doped hollow carbon spheres as efficient electrocatalysts for rechargeable zinc \AA air batteries. Nanoscale, 2018, 10, 10412-10419.	5.6	73
25	MoS ₂ 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
26	Editable asymmetric all-solid-state supercapacitors based on high-strength, flexible, and programmable 2D-metal \AA organic framework/reduced graphene oxide self-assembled papers. Journal of Materials Chemistry A, 2018, 6, 20254-20266.	10.3	110
27	Self \AA Adaptive Electrode with SWCNT Bundles as Elastic Substrate for High \AA Rate and Long \AA Cycle \AA Life Lithium/Sodium Ion Batteries. Small, 2018, 14, e1802913.	10.0	32
28	<i>In situ</i> formation of NaTi ₂ (PO ₄) ₃ cubes on Ti ₃ C ₂ MXene for dual-mode sodium storage. Journal of Materials Chemistry A, 2018, 6, 18525-18532.	10.3	60
29	Synthesis of Mesoporous ZIF \AA 8 Nanoribbons and their Conversion into Carbon Nanoribbons for High \AA Performance Supercapacitors. Chemistry - A European Journal, 2018, 24, 11185-11192.	3.3	24
30	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
31	Iron Vacancies Induced Bifunctionality in Ultrathin Feroxyhyte Nanosheets for Overall Water Splitting. Advanced Materials, 2018, 30, e1803144.	21.0	225
32	Highly efficient microwave absorption properties and broadened absorption bandwidth of MoS ₂ -iron oxide hybrids and MoS ₂ -based reduced graphene oxide hybrids with Hetero-structures. Applied Surface Science, 2018, 462, 872-882.	6.1	90
33	Unconventional Nickel Nitride Enriched with Nitrogen Vacancies as a High \AA Efficiency Electrocatalyst for Hydrogen Evolution. Advanced Science, 2018, 5, 1800406.	11.2	163
34	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
35	Firmly anchored photosensitizer Chlorin e ₆ to layered double hydroxide nanoflakes for highly efficient photodynamic therapy in vivo. Chemical Communications, 2017, 53, 2339-2342.	4.1	29
36	Effective nondestructive evaluations on UHMWPE/Recycled-PA6 blends using FTIR imaging and dynamic mechanical analysis. Polymer Testing, 2017, 59, 371-376.	4.8	36

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37	Biocompatible Dâ€A Semiconducting Polymer Nanoparticle with Lightâ€Harvesting Unit for Highly Effective Photoacoustic Imaging Guided Photothermal Therapy. <i>Advanced Functional Materials</i> , 2017, 27, 1605094.	14.9	188
38	Water-Soluble Polythiophene for Two-Photon Excitation Fluorescence Imaging and Photodynamic Therapy of Cancer. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 14590-14595.	8.0	49
39	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
40	From wheat bran derived carbonaceous materials to a highly stretchable and durable strain sensor. <i>RSC Advances</i> , 2017, 7, 22619-22626.	3.6	21
41	Interlayer Nanoarchitectonics of Twoâ€Dimensional Transitionâ€Metal Dichalcogenides Nanosheets for Energy Storage and Conversion Applications. <i>Advanced Energy Materials</i> , 2017, 7, 1700571.	19.5	303
42	Diamond nanostructures for drug delivery, bioimaging, and biosensing. <i>Chemical Society Reviews</i> , 2017, 46, 734-760.	38.1	109
43	A General Strategy for Ligand Exchange on Upconversion Nanoparticles. <i>Inorganic Chemistry</i> , 2017, 56, 872-877.	4.0	106
44	Water-enabled crystallization of mesoporous SnO ₂ as a binder-free electrode for enhanced sodium storage. <i>Journal of Materials Chemistry A</i> , 2017, 5, 23967-23975.	10.3	30
45	MoS ₂ Nanosheets Supported on Hollow Carbon Spheres as Efficient Catalysts for Electrochemical Hydrogen Evolution Reaction. <i>ACS Omega</i> , 2017, 2, 5087-5094.	3.5	38
46	A Novel Type of Aqueous Dispersible Ultrathin-Layered Double Hydroxide Nanosheets for in Vivo Bioimaging and Drug Delivery. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 34185-34193.	8.0	42
47	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
48	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
49	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
50	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
51	Construction of MoO ₂ Quantum Dotâ€Graphene and MoS ₂ Nanoparticleâ€Graphene Nanoarchitectures toward Ultrahigh Lithium Storage Capability. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 28441-28450.	8.0	38
52	Superior Pseudocapacitive Lithium-Ion Storage in Porous Vanadium Oxides@C Heterostructure Composite. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 43665-43673.	8.0	83
53	rGO/SnS ₂ /TiO ₂ heterostructured composite with dual-confinement for enhanced lithium-ion storage. <i>Journal of Materials Chemistry A</i> , 2017, 5, 25056-25063.	10.3	136
54	Nanoparticles Encapsulated in Porous Carbon Matrix Coated on Carbon Fibers: An Ultrastable Cathode for Liâ€Ion Batteries. <i>Advanced Energy Materials</i> , 2017, 7, 1601363.	19.5	48

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55	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
56	Bactericidal activity of biomimetic diamond nanocone surfaces. <i>Biointerphases</i> , 2016, 11, 011014.	1.6	115
57	Superhydrophobic SERS chip based on a Ag coated natural taro-leaf. <i>Nanoscale</i> , 2016, 8, 11487-11493.	5.6	82
58	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 & Interfaces</i> , 2016, 8, 11355-11365.	8.0	56
59	Mesoporous SnO ₂ Nanostructures of Ultrahigh Surface Areas by Novel Anodization. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 28862-28871.	8.0	30
60	Graphene-Nanowall-Decorated Carbon Felt with Excellent Electrochemical Activity Toward VO ₂ ⁺ /VO ₂ ²⁺ Couple for All Vanadium Redox Flow Battery. <i>Advanced Science</i> , 2016, 3, 1500276.	11.2	152
61	Electrochemical Energy Storage Application and Degradation Analysis of Carbon-Coated Hierarchical NiCo ₂ S ₄ Core-Shell Nanowire Arrays Grown Directly on Graphene/Nickel Foam. <i>Scientific Reports</i> , 2016, 6, 20264.	3.3	56
62	P2-Type Na _x Cu _{0.15} Ni _{0.20} Mn _{0.65} O ₂ Cathodes with High Voltage for High-Power and Long-Life Sodium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 31661-31668.	8.0	77
63	Solvent-Polarity-Engineered Controllable Synthesis of Highly Fluorescent Cesium Lead Halide Perovskite Quantum Dots and Their Use in White Light-Emitting Diodes. <i>Advanced Functional Materials</i> , 2016, 26, 8478-8486.	14.9	129
64	Diamond-Nanoneedle-Array-Facilitated Intracellular Delivery and the Potential Influence on Cell Physiology. <i>Advanced Healthcare Materials</i> , 2016, 5, 1157-1168.	7.6	27
65	Fe _x 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
66	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
67	Hierarchical nanotubes assembled from MoS ₂ -carbon monolayer sandwiched superstructure nanosheets for high-performance sodium ion batteries. <i>Nano Energy</i> , 2016, 22, 27-37.	16.0	333
68	Synthesis of high-quality mesoporous silicon particles for enhanced lithium storage performance. <i>Materials Chemistry and Physics</i> , 2016, 173, 89-94.	4.0	9
69	In Situ Carbon-Doped Mo(Sex _{0.85} S _{0.15}) ₂ Hierarchical Nanotubes as Stable Anodes for High-Performance Sodium-Ion Batteries. <i>Small</i> , 2015, 11, 5667-5674.	10.0	101
70	Controllable Synthesis of Bandgap-Tunable CuS _x Se _{1-x} Nanoplate Alloys. <i>Chemistry - an Asian Journal</i> , 2015, 10, 1490-1495.	3.3	18
71	Dense diamond nanoneedle arrays for enhanced intracellular delivery of drug molecules to cell lines. <i>Journal of Materials Science</i> , 2015, 50, 7800-7807.	3.7	17
72	Dendritic Heterojunction Nanowire Arrays for High-Performance Supercapacitors. <i>Scientific Reports</i> , 2015, 5, 7862.	3.3	82

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73	Chalcoptatin, a dual-targeting and p53 activator-containing anticancer platinum (<sc>iv</sc>) prodrug with unique mode of action. <i>Chemical Communications</i> , 2015, 51, 6301-6304.	4.1	90
74	Photothermal Theragnosis Synergistic Therapy Based on Bimetal Sulphide Nanocrystals Rather Than Nanocomposites. <i>Advanced Materials</i> , 2015, 27, 1339-1345.	21.0	149
75	Fabrication of arrays of high-aspect-ratio diamond nanoneedles via maskless ECR-assisted microwave plasma etching. <i>CrystEngComm</i> , 2015, 17, 2791-2800.	2.6	22
76	Layer-stacked cobalt ferrite (CoFe ₂ O ₄) mesoporous platelets for high-performance lithium ion battery anodes. <i>Journal of Materials Chemistry A</i> , 2015, 3, 6990-6997.	10.3	111
77	Green Synthesis of Bifunctional Fluorescent Carbon Dots from Garlic for Cellular Imaging and Free Radical Scavenging. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 17054-17060.	8.0	494
78	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
79	Three-dimensional-networked NiCo ₂ S ₄ nanosheet array/carbon cloth anodes for high-performance lithium-ion batteries. <i>NPG Asia Materials</i> , 2015, 7, e195-e195.	7.9	158
80	Facile fabrication of a novel nanoporous Au/AgO composite for electrochemical double-layer capacitor. <i>RSC Advances</i> , 2015, 5, 38995-39002.	3.6	10
81	Surface Transfer Doping of Cubic Boron Nitride Films by MoO ₃ and Tetrafluoro-tetracyanoquinodimethane (F4-TCNQ). <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 9851-9857.	8.0	18
82	Nanostructured porous manganese carbonate spheres with capacitive effects on the high lithium storage capability. <i>Nanoscale</i> , 2015, 7, 10146-10151.	5.6	55
83	Highly stable organic fluorescent nanorods for living-cell imaging. <i>Nano Research</i> , 2015, 8, 2380-2389.	10.4	49
84	Plasmonic nanopillar array embedded microfluidic chips: an in situ SERS monitoring platform. <i>Journal of Materials Chemistry A</i> , 2015, 3, 6408-6413.	10.3	43
85	Water Evaporation Induced Conversion of CuSe Nanoflakes to Cu ₂ S Hierarchical Columnar Superstructures for High-Performance Solar Cell Applications. <i>Particle and Particle Systems Characterization</i> , 2015, 32, 840-847.	2.3	34
86	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
87	Hierarchical composite structure of few-layers MoS ₂ 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
88	Efficient and stable large-area perovskite solar cells with inorganic charge extraction layers. <i>Science</i> , 2015, 350, 944-948.	12.6	2,007
89	Copper substituted P2-type Na _{0.67} Cu _x Mn _{1-x} O ₂ : a stable high-power sodium-ion battery cathode. <i>Journal of Materials Chemistry A</i> , 2015, 3, 22846-22852.	10.3	135
90	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

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91	Interrogation of Cellular Innate Immunity by Diamond-Nanoneedle-Assisted Intracellular Molecular Fishing. Nano Letters, 2015, 15, 7058-7063.	9.1	35
92	Iron(II) molybdate (FeMoO ₄) nanorods as a high-performance anode for lithium ion batteries: structural and chemical evolution upon cycling. Journal of Materials Chemistry A, 2015, 3, 20527-20534.	10.3	135
93	A facile synthesis of graphene-supported mesoporous TiO ₂ hybrid sheets with uniform coverage and controllable pore diameters. Microporous and Mesoporous Materials, 2015, 206, 95-101.	4.4	8
94	Three-dimensional networked NiCo ₂ O ₄ /MnO ₂ branched nanowire heterostructure arrays on nickel foam with enhanced supercapacitor performance. Journal of Materials Chemistry A, 2015, 3, 1717-1723.	10.3	94
95	A recyclable carbon nanoparticle-based fluorescent probe for highly selective and sensitive detection of mercapto biomolecules. Journal of Materials Chemistry B, 2015, 3, 127-134.	5.8	79
96	Core-Shell Si/C Nanospheres Embedded in Bubble Sheet-Like Carbon Film with Enhanced Performance as Lithium Ion Battery Anodes. Small, 2015, 11, 1345-1351.	10.0	131
97	A selective fluorescent and colorimetric dual-responses chemosensor for streptomycin based on polythiophene derivative. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 136, 871-874.	3.9	18
98	Tunable Ordered Silver Nano-Arrays Prepared by TiO ₂ Templates as Surface-Enhanced Raman Scattering Substrates. Nanoscience and Nanotechnology Letters, 2015, 7, 892-896.	0.4	1
99	Cubic Boron Nitride Films. , 2014, , 607-639.		15
100	Transferable, transparent and functional polymer@graphene 2D objects. NPG Asia Materials, 2014, 6, e130-e130.	7.9	13
101	High Detectivity Solar-Blind High-Temperature Deep-Ultraviolet Photodetector Based on Multi-Layered (<i>I</i>00) Facet-Oriented <i>I</i> ² -Ga ₂ O ₃ Nanobelts. Small, 2014, 10, 1848-1856.	10.0	185
102	Hong Kong: An R&D Hub in Asia for Materials Science and Engineering. Advanced Materials, 2014, 26, 5235-5238.	21.0	0
103	Surface Engineering of ZnO Nanostructures for Semiconductor-Sensitized Solar Cells. Advanced Materials, 2014, 26, 5337-5367.	21.0	149
104	Advanced Materials and Nanotechnology for Drug Delivery. Advanced Materials, 2014, 26, 5533-5540.	21.0	66
105	A silicon nanowire-reduced graphene oxide composite as a high-performance lithium ion battery anode material. Nanoscale, 2014, 6, 3353.	5.6	71
106	Controlled Surface Chemistry of Diamond/β-SiC Composite Films for Preferential Protein Adsorption. Langmuir, 2014, 30, 1089-1099.	3.5	30
107	Graphitic carbon nitride solid nanofilms for selective and recyclable sensing of Cu ²⁺ and Ag ⁺ in water and serum. Chemical Communications, 2014, 50, 15415-15418.	4.1	95
108	Poking cells for efficient vector-free intracellular delivery. Nature Communications, 2014, 5, 4466.	12.8	104

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109	Carbon Nanoparticle-based Ratiometric Fluorescent Sensor for Detecting Mercury Ions in Aqueous Media and Living Cells. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 21270-21278.	8.0	144
110	Quantitative analysis of multiplex-components and double stranded DNA by wide-range surface-enhanced Raman spectroscopy based on ordered Ag/Si nanowire arrays. <i>Journal of Materials Chemistry A</i> , 2014, 2, 10218.	10.3	17
111	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
112	A graphene quantum dot photodynamic therapy agent with high singlet oxygen generation. <i>Nature Communications</i> , 2014, 5, 4596.	12.8	1,141
113	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
114	Phase Conversion from Hexagonal $\text{CuS} \times \text{Se}$ to Cubic $\text{Cu}_2\text{S} \times \text{Se}$: Composition Variation, Morphology Evolution, Optical Tuning, and Solar Cell Applications. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 16352-16359.	8.0	46
115	Synthesis of Honeycomb-like Mesoporous Pyrite FeS_2 Microspheres as Efficient Counter Electrode in Quantum Dots Sensitized Solar Cells. <i>Small</i> , 2014, 10, 4754-4759.	10.0	83
116	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
117	Molecular Structure and Chemical Property of a Divalent Metallofullerene $\text{Yb}@C_{2(13)}C_{84}$. <i>Journal of the American Chemical Society</i> , 2013, 135, 12730-12735.	13.7	29
118	Graphene encapsulated and SiC reinforced silicon nanowires as an anode material for lithium ion batteries. <i>Nanoscale</i> , 2013, 5, 8689.	5.6	56
119	Three-dimensional Sn-graphene anode for high-performance lithium-ion batteries. <i>Nanoscale</i> , 2013, 5, 10599.	5.6	141
120	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
121	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
122	Recent progress in organic molecule/graphene interfaces. <i>Nano Today</i> , 2013, 8, 388-402.	11.9	77
123	Structure and water-lubricated tribological properties of Cr/a-C coatings with different Cr contents. <i>Tribology International</i> , 2013, 67, 104-115.	5.9	22
124	Electronic structure of $\text{MoO}_3/\text{graphene}$ interface. <i>Carbon</i> , 2013, 65, 46-52.	10.3	47
125	Effect of titanium or chromium content on the electrochemical properties of amorphous carbon coatings in simulated body fluid. <i>Electrochimica Acta</i> , 2013, 112, 603-611.	5.2	37
126	Surface doping of nitrogen atoms on graphene via molecular precursor. <i>Applied Physics Letters</i> , 2013, 102, .	3.3	14

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127	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
128	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
129	Influences of ceramic mating balls on the tribological properties of Cr/a-C coatings with low chromium content in water lubrication. <i>Wear</i> , 2013, 303, 354-360.	3.1	16
130	Atomic layer deposition of platinum thin films on anodic aluminium oxide templates as surface-enhanced Raman scattering substrates. <i>Vacuum</i> , 2013, 89, 257-260.	3.5	15
131	A Diamond Nanoneedle Array for Potential High-Throughput Intracellular Delivery. <i>Advanced Healthcare Materials</i> , 2013, 2, 1103-1107.	7.6	38
132	In situ nitrogen-doped graphene grown from polydimethylsiloxane by plasma enhanced chemical vapor deposition. <i>Nanoscale</i> , 2013, 5, 600-605.	5.6	114
133	Surface passivation and band engineering: a way toward high efficiency graphene-planar Si solar cells. <i>Journal of Materials Chemistry A</i> , 2013, 1, 8567.	10.3	123
134	Copolythiophene-Derived Colorimetric and Fluorometric Sensor for Lysophosphatidic Acid Based on Multipoint Interactions. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 2283-2288.	8.0	39
135	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
136	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
137	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
138	Optofluidic detection for cellular phenotyping. <i>Lab on A Chip</i> , 2012, 12, 3552.	6.0	38
139	Facile synthesis of laminate-structured graphene sheet-Fe ₃ O ₄ nanocomposites with superior high reversible specific capacity and cyclic stability for lithium-ion batteries. <i>RSC Advances</i> , 2012, 2, 10680.	3.6	50
140	A polythiophene-derived ratiometric fluorescent sensor for highly sensitive determination of carbenicillin in aqueous solution. <i>Chemical Communications</i> , 2012, 48, 6818.	4.1	16
141	Visible-NIR photodetectors based on CdTe nanoribbons. <i>Nanoscale</i> , 2012, 4, 2914.	5.6	99
142	A chromo- and fluorogenic sensor for probing the cancer biomarker lysophosphatidic acid. <i>Analyst</i> , 2012, 137, 1853.	3.5	9
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