

# Zhen Li

## List of Publications by Year in descending order

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169  
papers

17,890  
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13865

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docs citations

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times ranked

22744  
citing authors

#	ARTICLE	IF	CITATIONS
1	O-GlcNAc modification mediates aquaporin 3 to coordinate endometrial cell glycolysis and affects embryo implantation. <i>Journal of Advanced Research</i> , 2022, 37, 119-131.	9.5	12
2	Design, synthesis and activity evaluation of prodrug form JBP485 and Vitamin E for alleviation of NASH. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2022, 56, 128464.	2.2	0
3	Annealing free tin oxide electron transport layers for flexible perovskite solar cells. <i>Nano Energy</i> , 2022, 94, 106919.	16.0	29
4	Highly Visible-Transparent and Color-Neutral Perovskite Solar Cells for Self-Powered Smart Windows. <i>Solar Rrl</i> , 2022, 6, .	5.8	8
5	miR-30a targets STOX2 to increase cell proliferation and metastasis in hydatidiform moles via ERK, AKT, and P38 signaling pathways. <i>Cancer Cell International</i> , 2022, 22, 103.	4.1	1
6	Constructing a novel carbon skeleton to anchor Sn/SnO <sub>2</sub> nanodots for flexible supercapacitor with excellent rate capability. <i>Carbon</i> , 2022, 194, 197-206.	10.3	18
7	Heterostructured Co/Mo-sulfide catalyst enables unbiased solar water splitting by integration with perovskite solar cells. <i>Applied Catalysis B: Environmental</i> , 2022, 309, 121272.	20.2	37
8	Reversible Chemical Protein Modification to Endogenous Glutathione and Its Utilities in the Manufacture of Transcellular Pro-Enzymes. <i>Biomacromolecules</i> , 2022, 23, 2138-2149.	5.4	0
9	Sandwich-like NiCo-LDH/rGO with rich mesopores and high charge transfer capability for flexible supercapacitors. <i>CrystEngComm</i> , 2022, 24, 4962-4974.	2.6	5
10	Controllable synthesis of hydrangea-like Ni <sub>x</sub> S <sub>y</sub> hollow microflower all-solid-state asymmetric supercapacitor electrodes with enhanced performance by the synergistic effect of multiphase nickel. <i>CrystEngComm</i> , 2021, 23, 4994-5006.	2.6	1
11	Electrospun carbon nanofibers embedded with MOF-derived N-doped porous carbon and ZnO quantum dots for asymmetric flexible supercapacitors. <i>New Journal of Chemistry</i> , 2021, 45, 10672-10682.	2.8	15
12	Efficient and Stable Carbon-Based Perovskite Solar Cells via Passivation by a Multifunctional Hydrophobic Molecule with Bidentate Anchors. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 16485-16497.	8.0	30
13	Nitrogen-Doped Accordion-Like Soft Carbon Anodes with Exposed Hierarchical Pores for Advanced Potassium-Ion Hybrid Capacitors. <i>Advanced Functional Materials</i> , 2021, 31, 2101470.	14.9	51
14	Synthetic anti-angiogenic genomic therapeutics for treatment of neovascular age-related macular degeneration. <i>Asian Journal of Pharmaceutical Sciences</i> , 2021, 16, 623-632.	9.1	0
15	The Role of Pulmonary Surfactants in the Treatment of Acute Respiratory Distress Syndrome in COVID-19. <i>Frontiers in Pharmacology</i> , 2021, 12, 698905.	3.5	31
16	Recent progress in stabilizing perovskite solar cells through two-dimensional modification. <i>APL Materials</i> , 2021, 9, .	5.1	12
17	Nitrogen-doped biomass-derived porous carbon spheres for supercapacitors with ultrafast charge/discharge rate up to 2.5A <sup>v</sup> s <sup>-1</sup> . <i>Journal of Materials Science</i> , 2021, 56, 17694-17708.	3.7	10
18	Petal-like size-tunable gold wrapped immunoliposome to enhance tumor deep penetration for multimodal guided two-step strategy. <i>Journal of Nanobiotechnology</i> , 2021, 19, 293.	9.1	8

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19	PEGylated phospholipid micelles containing D- $\alpha$ -tocopheryl succinate as multifunctional nanocarriers for enhancing the antitumor efficacy of doxorubicin. <i>International Journal of Pharmaceutics</i> , 2021, 607, 120979.	5.2	5
20	Noncovalent EGFR T790M/L858R inhibitors based on diphenylpyrimidine scaffold: Design, synthesis, and bioactivity evaluation for the treatment of NSCLC. <i>European Journal of Medicinal Chemistry</i> , 2021, 223, 113626.	5.5	8
21	Cytokeratin 8 Promoted Sinonasal Inverted Papilloma Malignant Transformation to SNSCC. <i>Journal of Hard Tissue Biology</i> , 2021, 30, 45-52.	0.4	0
22	Bioequivalence and Pharmacokinetic Evaluation of 2 Pyrazinamide Formulations in Healthy Chinese Adults: A Single-Dose, Open-Label, Randomized-Sequence, 2 $\times$ 2 Crossover Study. <i>Clinical Pharmacology in Drug Development</i> , 2021, , .	1.6	1
23	Hierarchical porous arrays of mesoporous Co <sub>3</sub> O <sub>4</sub> nanosheets grown on graphene skin for high-rate and high-capacity energy storage. <i>Journal of Alloys and Compounds</i> , 2020, 820, 153296.	5.5	18
24	Inhomogeneous Doping of Perovskite Materials by Dopants from Hole-Transport Layer. <i>Matter</i> , 2020, 2, 261-272.	10.0	38
25	Progesterone Regulates Glucose Metabolism Through Glucose Transporter 1 to Promote Endometrial Receptivity. <i>Frontiers in Physiology</i> , 2020, 11, 543148.	2.8	15
26	Neuroprotective effects of Fomes officinalis Ames polysaccharides on A $\beta$ <sup>25-35</sup> -induced cytotoxicity in PC12 cells through suppression of mitochondria-mediated apoptotic pathway. <i>Cytotechnology</i> , 2020, 72, 539-549.	1.6	11
27	N-Doped Graphene Quantum Dots Supported by Carbon Nanotubes Grown on Carbon Clothes for Lithium Storage. <i>Journal of the Electrochemical Society</i> , 2020, 167, 060513.	2.9	6
28	Tailoring Synthetic Melanin Nanoparticles for Enhanced Photothermal Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 42671-42679.	8.0	105
29	Electron Transport Bilayer with Cascade Energy Alignment for Efficient Perovskite Solar Cells. <i>Solar Rrl</i> , 2019, 3, 1900333.	5.8	49
30	Redox-Responsive Polymeric RNAi Based on Multivalent Conjugation of siRNA for Improved Intracellular Delivery. <i>Bioconjugate Chemistry</i> , 2019, 30, 2777-2781.	3.6	8
31	Thermally Stable Perovskite Solar Cells by Systematic Molecular Design of the Hole-Transport Layer. <i>ACS Energy Letters</i> , 2019, 4, 473-482.	17.4	66
32	Hydrochromism behaviors of solid forms of chelerythrine hydrochloride. <i>CrystEngComm</i> , 2019, 21, 5915-5921.	2.6	1
33	Hierarchical construction of high-performance all-carbon flexible fiber supercapacitors with graphene hydrogel and nitrogen-doped graphene quantum dots. <i>Carbon</i> , 2019, 154, 410-419.	10.3	58
34	Improving Compliance and Decreasing Drug Accumulation of Diethylstilbestrol through Cocrystallization. <i>Crystal Growth and Design</i> , 2019, 19, 1942-1953.	3.0	9
35	Integrating a redox flow battery into a Z-scheme water splitting system for enhancing the solar energy conversion efficiency. <i>Energy and Environmental Science</i> , 2019, 12, 631-639.	30.8	44
36	Alcohol Vapor Post-Annealing for Highly Efficient Sb <sub>2</sub> S <sub>3</sub> Planar Heterojunction Solar Cells. <i>Solar Rrl</i> , 2019, 3, 1900133.	5.8	24

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37	Designed MnS/Co <sub>9</sub> S <sub>8</sub> micro-flowers composites with serrate edges as high-performance electrodes for asymmetric supercapacitor. <i>Journal of Colloid and Interface Science</i> , 2019, 551, 119-129.	9.4	44
38	Carrier lifetimes of $\tau$ in Sn-Pb perovskites enable efficient all-perovskite tandem solar cells. <i>Science</i> , 2019, 364, 475-479.	12.6	781
39	A novel colorimetric assay based on the peroxidase-like properties of amino functionalized copper metal-organic framework nanoparticles for ascorbic acid sensing. <i>Analytical Methods</i> , 2019, 11, 1697-1706.	2.7	22
40	Insights into operational stability and processing of halide perovskite active layers. <i>Energy and Environmental Science</i> , 2019, 12, 1341-1348.	30.8	125
41	Superoxide dismutase transcellular shuttle constructed from dendritic MOF and charge reversible protein derivatives. <i>Chemical Science</i> , 2019, 10, 4476-4485.	7.4	16
42	Water-Soluble Triazolium Ionic-Liquid-Induced Surface Self-Assembly to Enhance the Stability and Efficiency of Perovskite Solar Cells. <i>Advanced Functional Materials</i> , 2019, 29, 1900417.	14.9	145
43	Biomaterialized Gd <sub>2</sub> O <sub>3</sub> @HSA Nanoparticles as a Versatile Platform for Dual-Modal Imaging and Chemo-Phototherapy-Synergized Tumor Ablation. <i>Advanced Healthcare Materials</i> , 2019, 8, e1901005.	7.6	19
44	Block Iodide, Save Perovskite Modules. <i>Joule</i> , 2019, 3, 2594-2595.	24.0	2
45	Rational Design of Multifunctional Polymeric Nanoparticles Based on Poly(L-histidine) and d,l-Vitamin E Succinate for Reversing Tumor Multidrug Resistance. <i>Biomacromolecules</i> , 2018, 19, 2595-2609.	5.4	26
46	Highly Efficient Perovskite Solar Modules by Scalable Fabrication and Interconnection Optimization. <i>ACS Energy Letters</i> , 2018, 3, 322-328.	17.4	143
47	Scalable fabrication of perovskite solar cells. <i>Nature Reviews Materials</i> , 2018, 3, .	48.7	764
48	Suppressing defects through the synergistic effect of a Lewis base and a Lewis acid for highly efficient and stable perovskite solar cells. <i>Energy and Environmental Science</i> , 2018, 11, 3480-3490.	30.8	274
49	Boosting the energy storage densities of supercapacitors by incorporating N-doped graphene quantum dots into cubic porous carbon. <i>Nanoscale</i> , 2018, 10, 22871-22883.	5.6	78
50	Fine-Tuning the Colors of Natural Pigment Emodin with Superior Stability through Cocrystal Engineering. <i>Crystal Growth and Design</i> , 2018, 18, 6123-6132.	3.0	22
51	A solid-state Sb <sub>2</sub> O <sub>3</sub> biosensor for the <i>in situ</i> measurement of extracellular acidification associated with the multidrug resistance phenotype in breast cancer cells. <i>Analytical Methods</i> , 2018, 10, 4445-4453.	2.7	11
52	Transcellular delivery of messenger RNA payloads by a cationic supramolecular MOF platform. <i>Chemical Communications</i> , 2018, 54, 11304-11307.	4.1	33
53	DNA-assisted synthesis of nickel cobalt sulfide nanosheets as high-performance battery-type electrode materials. <i>Journal of Colloid and Interface Science</i> , 2018, 528, 100-108.	9.4	5
54	Stable Formamidinium-Based Perovskite Solar Cells via In Situ Grain Encapsulation. <i>Advanced Energy Materials</i> , 2018, 8, 1800232.	19.5	78

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55	Low-Cost, Efficient, and Durable H <sub>2</sub> Production by Photoelectrochemical Water Splitting with CuGa <sub>3</sub> Se <sub>5</sub> Photocathodes. ACS Applied Materials & Interfaces, 2018, 10, 19573-19579.	8.0	33
56	Herba Artemisiae Capillaris Extract Prevents the Development of Streptozotocin-Induced Diabetic Nephropathy of Rat. Evidence-based Complementary and Alternative Medicine, 2018, 2018, 1-13.	1.2	5
57	Nitrogen and oxygen co-doped graphene quantum dots with high capacitance performance for micro-supercapacitors. Carbon, 2018, 139, 67-75.	10.3	98
58	Probing Perovskite Inhomogeneity beyond the Surface: TOF-SIMS Analysis of Halide Perovskite Photovoltaic Devices. ACS Applied Materials & Interfaces, 2018, 10, 28541-28552.	8.0	72
59	Hierarchical 3D All-Carbon Composite Structure Modified with N-Doped Graphene Quantum Dots for High-Performance Flexible Supercapacitors. Small, 2018, 14, e1801498.	10.0	105
60	Impact of Layer Thickness on the Charge Carrier and Spin Coherence Lifetime in Two-Dimensional Layered Perovskite Single Crystals. ACS Energy Letters, 2018, 3, 2273-2279.	17.4	126
61	Outlook and Challenges of Perovskite Solar Cells toward Terawatt-Scale Photovoltaic Module Technology. Joule, 2018, 2, 1437-1451.	24.0	162
62	Do grain boundaries dominate non-radiative recombination in CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> perovskite thin films?. Physical Chemistry Chemical Physics, 2017, 19, 5043-5050.	2.8	161
63	Crucial Roles of Electron-Proton Transport Relay in the Photosystem II-Photocatalytic Hybrid System for Overall Water Splitting. Journal of Physical Chemistry C, 2017, 121, 2605-2612.	3.1	15
64	Electrochemical impedance analysis of perovskite electrolyte interfaces. Chemical Communications, 2017, 53, 2467-2470.	4.1	46
65	Extrinsic ion migration in perovskite solar cells. Energy and Environmental Science, 2017, 10, 1234-1242.	30.8	458
66	300% Enhancement of Carrier Mobility in Uniaxially Oriented Perovskite Films Formed by Topotactic Oriented Attachment. Advanced Materials, 2017, 29, 1606831.	21.0	120
67	Preparation of Essential Oil-Based Microemulsions for Improving the Solubility, pH Stability, Photostability, and Skin Permeation of Quercetin. AAPS PharmSciTech, 2017, 18, 3097-3104.	3.3	45
68	Influence of the Electrostatic Interaction between a Molecular Catalyst and Semiconductor on Photocatalytic Hydrogen Evolution Activity in Cobaloxime/CdS Hybrid Systems. ACS Applied Materials & Interfaces, 2017, 9, 23230-23237.	8.0	31
69	High-Performance Formamidinium-Based Perovskite Solar Cells via Microstructure-Mediated $\gamma$ -to- $\beta$ Phase Transformation. Chemistry of Materials, 2017, 29, 3246-3250.	6.7	99
70	Perovskite ink with wide processing window for scalable high-efficiency solar cells. Nature Energy, 2017, 2, .	39.5	499
71	Charge-assisted bond N + H mediates the gelation of amorphous lurasidone hydrochloride during dissolution. International Journal of Pharmaceutics, 2017, 518, 335-341.	5.2	26
72	Biomimetic electron transport via multiredox shuttles from photosystem II to a photoelectrochemical cell for solar water splitting. Energy and Environmental Science, 2017, 10, 765-771.	30.8	68

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73	Quantitative analysis of time-resolved microwave conductivity data. <i>Journal Physics D: Applied Physics</i> , 2017, 50, 493002.	2.8	74
74	New Generation Nanomedicines Constructed from Self-Assembling Small-Molecule Prodrugs Alleviate Cancer Drug Toxicity. <i>Cancer Research</i> , 2017, 77, 6963-6974.	0.9	128
75	Tumor-Targeted Accumulation of Ligand-Installed Polymeric Micelles Influenced by Surface PEGylation Crowdedness. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 44045-44052.	8.0	17
76	Acid Additives Enhancing the Conductivity of Spiro-OMeTAD Toward High-Efficiency and Hysteresis-Less Planar Perovskite Solar Cells. <i>Advanced Energy Materials</i> , 2017, 7, 1601451.	19.5	123
77	Structural optimization of diphenylpyrimidine derivatives (DPPYs) as potent Bruton's tyrosine kinase (BTK) inhibitors with improved activity toward B leukemia cell lines. <i>European Journal of Medicinal Chemistry</i> , 2017, 126, 444-455.	5.5	26
78	Decoration of pH-sensitive copolymer micelles with tumor-specific peptide for enhanced cellular uptake of doxorubicin. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 5415-5427.	6.7	11
79	C19-Norditerpenoid Alkaloids from <i>Aconitum szechenyianum</i> and Their Effects on LPS-Activated NO Production. <i>Molecules</i> , 2016, 21, 1175.	3.8	17
80	Charge-assisted intermolecular hydrogen bond formed in coamorphous system is important to relieve the pH-dependent solubility behavior of lurasidone hydrochloride. <i>RSC Advances</i> , 2016, 6, 106396-106412.	3.6	26
81	Studies on the <i>in vitro</i> and <i>in vivo</i> degradation behavior of amino acid derivative-based organogels. <i>Drug Development and Industrial Pharmacy</i> , 2016, 42, 1732-1741.	2.0	12
82	Self-assembled drug delivery system based on low-molecular-weight bis-amide organogelator: synthesis, properties and <i>in vivo</i> evaluation. <i>Drug Delivery</i> , 2016, 23, 3168-3178.	5.7	24
83	Wire-shaped perovskite solar cell based on TiO <sub>2</sub> nanotubes. <i>Nanotechnology</i> , 2016, 27, 20LT01.	2.6	21
84	Amine-enriched Graphene Quantum Dots for High-pseudocapacitance Supercapacitors. <i>Electrochimica Acta</i> , 2016, 208, 260-266.	5.2	60
85	Third-order nonlinear optical properties of methylammonium lead halide perovskite films. <i>Journal of Materials Chemistry C</i> , 2016, 4, 4847-4852.	5.5	45
86	Colorimetric determination of the activity of acetylcholinesterase and its inhibitors by exploiting the iodide-catalyzed oxidation of 3,3',5,5'-tetramethylbenzidine by hydrogen peroxide. <i>Mikrochimica Acta</i> , 2016, 183, 2589-2595.	5.0	19
87	Ionic and Optical Properties of Methylammonium Lead Iodide Perovskite across the Tetragonal-Cubic Structural Phase Transition. <i>ChemSusChem</i> , 2016, 9, 2692-2698.	6.8	61
88	Encapsulation of honokiol-loaded nanoparticles in lecithin microbubbles for targeted tumor therapy. <i>RSC Advances</i> , 2016, 6, 54830-54835.	3.6	0
89	Cooperative tin oxide fullerene electron selective layers for high-performance planar perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2016, 4, 14276-14283.	10.3	204
90	Effects of alloying on the optical properties of organic-inorganic lead halide perovskite thin films. <i>Journal of Materials Chemistry C</i> , 2016, 4, 7775-7782.	5.5	100

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91	Improved Phase Stability of Formamidinium Lead Triiodide Perovskite by Strain Relaxation. ACS Energy Letters, 2016, 1, 1014-1020.	17.4	367
92	Facile fabrication of large-grain CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> x Brx films for high-efficiency solar cells via CH <sub>3</sub> NH <sub>3</sub> Br-selective Ostwald ripening. Nature Communications, 2016, 7, 12305.	12.8	444
93	Selective dissolution of halide perovskites as a step towards recycling solar cells. Nature Communications, 2016, 7, 11735.	12.8	129
94	Vascular responses to compound 48/80 in rat mesenteric vascular beds. Canadian Journal of Physiology and Pharmacology, 2016, 94, 620-626.	1.4	1
95	Stabilizing Perovskite Structures by Tuning Tolerance Factor: Formation of Formamidinium and Cesium Lead Iodide Solid-State Alloys. Chemistry of Materials, 2016, 28, 284-292.	6.7	1,606
96	Encorafenib (LGX818), a potent BRAF inhibitor, induces senescence accompanied by autophagy in BRAFV600E melanoma cells. Cancer Letters, 2016, 370, 332-344.	7.2	79
97	Carbon nanotubes as an efficient hole collector for high voltage methylammonium lead bromide perovskite solar cells. Nanoscale, 2016, 8, 6352-6360.	5.6	88
98	Targeting Ideal Dual-Absorber Tandem Water Splitting Using Perovskite Photovoltaics and CuIn <sub>1-x</sub> Ga <sub>x</sub> Se <sub>2</sub> Photocathodes. Advanced Energy Materials, 2015, 5, 1501520.	19.5	109
99	Comparison of Recombination Dynamics in CH <sub>3</sub> NH <sub>3</sub> PbBr <sub>3</sub> and CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> Perovskite Films: Influence of Exciton Binding Energy. Journal of Physical Chemistry Letters, 2015, 6, 4688-4692.	4.6	350
100	Reduction Mechanism and Capacitive Properties of Highly Electrochemically Reduced TiO <sub>2</sub> Nanotube Arrays. Electrochimica Acta, 2015, 161, 40-47.	5.2	90
101	Carbon dots based fluorescent sensor for sensitive determination of hydroquinone. Talanta, 2015, 144, 258-262.	5.5	56
102	Micelles of $\alpha$ -Tocopheryl Polyethylene Glycol 2000 Succinate (TPGS 2K) for Doxorubicin Delivery with Reversal of Multidrug Resistance. ACS Applied Materials & Interfaces, 2015, 7, 18064-18075.	8.0	71
103	Perovskite Solar Cell Using a Two-Dimensional Titania Nanosheet Thin Film as the Compact Layer. ACS Applied Materials & Interfaces, 2015, 7, 15117-15122.	8.0	20
104	Silicon Decorated with Amorphous Cobalt Molybdenum Sulfide Catalyst as an Efficient Photocathode for Solar Hydrogen Generation. ACS Nano, 2015, 9, 3829-3836.	14.6	91
105	Mechanisms of Electron-Beam-Induced Damage in Perovskite Thin Films Revealed by Cathodoluminescence Spectroscopy. Journal of Physical Chemistry C, 2015, 119, 26904-26911.	3.1	153
106	Porphine functionalized nanoparticles of star-shaped poly( $\mu$ -caprolactone)-b-D- $\alpha$ -tocopheryl polyethylene glycol 1000 succinate biodegradable copolymer for chemophotodynamic therapy on cervical cancer. Acta Biomaterialia, 2015, 26, 145-158.	8.3	34
107	TiO <sub>2</sub> nanotube arrays based flexible perovskite solar cells with transparent carbon nanotube electrode. Nano Energy, 2015, 11, 728-735.	16.0	293
108	pH-sensitive nanoparticles of poly(l-histidine)- <i>b</i> -poly(lactide-co-glycolide)- <i>b</i> - $\alpha$ -tocopheryl polyethylene glycol succinate for anti-tumor drug delivery. Acta Biomaterialia, 2015, 11, 137-150.	8.3	93



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109	Gram-scale synthesis of single-crystalline graphene quantum dots with superior optical properties. <i>Nature Communications</i> , 2014, 5, 5357.	12.8	750
110	Construction of Efficient Solid Emitters with Tetraphenylethene Trimers for Non-doped Blue OLEDs. <i>Israel Journal of Chemistry</i> , 2014, 54, 931-934.	2.3	11
111	Enhanced effect of pH-sensitive mixed copolymer micelles for overcoming multidrug resistance of doxorubicin. <i>Biomaterials</i> , 2014, 35, 9877-9887.	11.4	145
112	Self-assembled pH-responsive hyaluronic acid-g-poly(L-histidine) copolymer micelles for targeted intracellular delivery of doxorubicin. <i>Acta Biomaterialia</i> , 2014, 10, 2024-2035.	8.3	158
113	Laminated Carbon Nanotube Networks for Metal Electrode-Free Efficient Perovskite Solar Cells. <i>ACS Nano</i> , 2014, 8, 6797-6804.	14.6	427
114	Poly(D,L-lactide-co-glycolide)/montmorillonite nanoparticles for improved oral delivery of exemestane. <i>Journal of Microencapsulation</i> , 2013, 30, 432-440.	2.8	29
115	Large-Area Flexible Core-Shell Graphene/Porous Carbon Woven Fabric Films for Fiber Supercapacitor Electrodes. <i>Advanced Functional Materials</i> , 2013, 23, 4862-4869.	14.9	62
116	Colloidal Antireflection Coating Improves Graphene-Silicon Solar Cells. <i>Nano Letters</i> , 2013, 13, 1776-1781.	9.1	303
117	Elastic carbon nanotube straight yarns embedded with helical loops. <i>Nanoscale</i> , 2013, 5, 2403.	5.6	44
118	Oil spill cleanup from sea water by carbon nanotube sponges. <i>Frontiers of Materials Science</i> , 2013, 7, 170-176.	2.2	69
119	Highly Twisted Double-Helix Carbon Nanotube Yarns. <i>ACS Nano</i> , 2013, 7, 1446-1453.	14.6	88
120	Similar or Totally Different: The Control of Conjugation Degree through Minor Structural Modifications, and Deep-Blue Aggregation-Induced Emission Luminogens for Non-Doped OLEDs. <i>Advanced Functional Materials</i> , 2013, 23, 2329-2337.	14.9	270
121	Overtwisted, Resolvable Carbon Nanotube Yarn Entanglement as Strain Sensors and Rotational Actuators. <i>ACS Nano</i> , 2013, 7, 8128-8135.	14.6	94
122	Topology evolution of graphene in chemical vapor deposition, a combined theoretical/experimental approach toward shape control of graphene domains. <i>Nanotechnology</i> , 2012, 23, 115605.	2.6	42
123	TiO <sub>2</sub> -Coated Carbon Nanotube-Silicon Solar Cells with Efficiency of 15%. <i>Scientific Reports</i> , 2012, 2, 884.	3.3	141
124	The application of a three dimensional CNT-sponge as the counter electrode for dye-sensitized solar cells. <i>Carbon</i> , 2012, 50, 5624-5627.	10.3	16
125	Superlow Thermal Conductivity 3D Carbon Nanotube Network for Thermoelectric Applications. <i>ACS Applied Materials &amp; Interfaces</i> , 2012, 4, 81-86.	8.0	117
126	Bubble-promoted assembly of hierarchical, porous Ag <sub>2</sub> S nanoparticle membranes. <i>Journal of Materials Chemistry</i> , 2012, 22, 24721.	6.7	5



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127	Hybrid effect of gas flow and light excitation in carbon/silicon Schottky solar cells. Journal of Materials Chemistry, 2012, 22, 3330.	6.7	12
128	Wire-supported CdSe nanowire array photoelectrochemical solar cells. Physical Chemistry Chemical Physics, 2012, 14, 3583.	2.8	22
129	Solution-processed bulk heterojunction solar cells based on interpenetrating CdS nanowires and carbon nanotubes. Nano Research, 2012, 5, 595-604.	10.4	9
130	Nanobeltâ€“carbon nanotube cross-junction solar cells. Energy and Environmental Science, 2012, 5, 6119.	30.8	11
131	Comparison of Photovoltaic Performance Enhancement in BiFeO3 by Using Graphene and Carbon Nanotubes as Transparent Electrode. , 2012, , .		2
132	Efficiency enhancement of graphene/silicon-pillar-array solar cells by HNO3 and PEDOT-PSS. Nanoscale, 2012, 4, 2130.	5.6	81
133	Superâ€“stretchable Springâ€“like Carbon Nanotube Ropes. Advanced Materials, 2012, 24, 2896-2900.	21.0	193
134	Boron Doping of Graphene for Grapheneâ€“Silicon pâ€“n Junction Solar Cells. Advanced Energy Materials, 2012, 2, 425-429.	19.5	169
135	Fiber and fabric solar cells by directly weaving carbon nanotube yarns with CdSe nanowire-based electrodes. Nanoscale, 2012, 4, 4954.	5.6	36
136	Photocatalytic, recyclable CdS nanoparticle-carbon nanotube hybrid sponges. Nano Research, 2012, 5, 265-271.	10.4	37
137	Improve photocurrent quantum efficiency of carbon nanotube by chemical treatment. Materials Chemistry and Physics, 2012, 131, 680-685.	4.0	1
138	Oral Delivery of DMAB-Modified Docetaxel-Loaded PLGA-TPGS Nanoparticles for Cancer Chemotherapy. Nanoscale Research Letters, 2011, 6, 4.	5.7	55
139	Suspended, Straightened Carbon Nanotube Arrays by Gel Chapping. ACS Nano, 2011, 5, 5656-5661.	14.6	18
140	Enhanced photovoltaic properties in graphene/polycrystalline BiFeO3/Pt heterojunction structure. Applied Physics Letters, 2011, 99, .	3.3	97
141	Achieving High Efficiency Silicon-Carbon Nanotube Heterojunction Solar Cells by Acid Doping. Nano Letters, 2011, 11, 1901-1905.	9.1	230
142	Flame synthesis of few-layered graphene/graphite films. Chemical Communications, 2011, 47, 3520.	4.1	67
143	Controllable growth of shaped graphene domains by atmospheric pressure chemical vapour deposition. Nanoscale, 2011, 3, 4946.	5.6	37
144	Graphene buffered galvanic synthesis of grapheneâ€“metal hybrids. Journal of Materials Chemistry, 2011, 21, 13241.	6.7	23

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