

# Jinhua Li

## List of Publications by Year in descending order

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152  
papers

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citations

43973

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48187

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152  
docs citations

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times ranked

12881  
citing authors

#	ARTICLE	IF	CITATIONS
1	Infrared Photodetectors Based on CVD-Grown Graphene and PbS Quantum Dots with Ultrahigh Responsivity. <i>Advanced Materials</i> , 2012, 24, 5878-5883.	11.1	698
2	3D printing of hydrogels: Rational design strategies and emerging biomedical applications. <i>Materials Science and Engineering Reports</i> , 2020, 140, 100543.	14.8	494
3	The Application of Highly Doped Single-Layer Graphene as the Top Electrodes of Semitransparent Organic Solar Cells. <i>ACS Nano</i> , 2012, 6, 810-818.	7.3	297
4	Photosensitive Graphene Transistors. <i>Advanced Materials</i> , 2014, 26, 5239-5273.	11.1	290
5	Reduced Graphene Oxide-Polyurethane Nanocomposite Foam as a Reusable Photoreceiver for Efficient Solar Steam Generation. <i>Chemistry of Materials</i> , 2017, 29, 5629-5635.	3.2	257
6	Package-Free Flexible Organic Solar Cells with Graphene top Electrodes. <i>Advanced Materials</i> , 2013, 25, 4296-4301.	11.1	253
7	Solution Processable Low-Voltage Organic Thin Film Transistors with High-Relaxor Ferroelectric Polymer as Gate Insulator. <i>Advanced Materials</i> , 2012, 24, 88-93.	11.1	227
8	Enhanced efficiency of polymer solar cells by adding a high-mobility conjugated polymer. <i>Energy and Environmental Science</i> , 2015, 8, 1463-1470.	15.6	216
9	Accessible Graphene Aerogel for Efficiently Harvesting Solar Energy. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 4665-4671.	3.2	208
10	Copper(I) Thiocyanate (CuSCN) Hole-Transport Layers Processed from Aqueous Precursor Solutions and Their Application in Thin-Film Transistors and Highly Efficient Organic and Organometal Halide Perovskite Solar Cells. <i>Advanced Functional Materials</i> , 2017, 27, 1701818.	7.8	208
11	Hole-Transporting Transistors and Circuits Based on the Transparent Inorganic Semiconductor Copper(I) Thiocyanate (CuSCN) Processed from Solution at Room Temperature. <i>Advanced Materials</i> , 2013, 25, 1504-1509.	11.1	196
12	A regulatory gene induces trichome formation and embryo lethality in tomato. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 11836-11841.	3.3	181
13	Solution-Gated Graphene Transistors for Chemical and Biological Sensors. <i>Advanced Healthcare Materials</i> , 2014, 3, 313-331.	3.9	158
14	Oxygen plasma treated graphene aerogel as a solar absorber for rapid and efficient solar steam generation. <i>Carbon</i> , 2018, 130, 250-256.	5.4	155
15	A STAY-GREEN protein <i>S</i> 1 regulates lycopene and $\beta$ -carotene accumulation by interacting directly with <i>PSY</i> 1 during ripening processes in tomato. <i>New Phytologist</i> , 2013, 198, 442-452.	3.5	149
16	Investigation on enhancing effects of Au nanoparticles on solar steam generation in graphene oxide nanofluids. <i>Applied Thermal Engineering</i> , 2017, 114, 961-968.	3.0	140
17	Tomato SIDREB gene restricts leaf expansion and internode elongation by downregulating key genes for gibberellin biosynthesis. <i>Journal of Experimental Botany</i> , 2012, 63, 6407-6420.	2.4	139
18	PEGylated Self-Growth MoS <sub>2</sub> on a Cotton Cloth Substrate for High-Efficiency Solar Energy Utilization. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 24583-24589.	4.0	133

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19	Nickel oxide for inverted structure perovskite solar cells. <i>Journal of Energy Chemistry</i> , 2021, 52, 393-411.	7.1	132
20	Regulating Infrared Photoresponses in Reduced Graphene Oxide Phototransistors by Defect and Atomic Structure Control. <i>ACS Nano</i> , 2013, 7, 6310-6320.	7.3	112
21	Inorganic Electron Transport Materials in Perovskite Solar Cells. <i>Advanced Functional Materials</i> , 2021, 31, 2008300.	7.8	105
22	Facile synthesis of PEG based shape-stabilized phase change materials and their photo-thermal energy conversion. <i>Applied Thermal Engineering</i> , 2015, 91, 630-637.	3.0	103
23	N-Type Organic Semiconductors Based on $\beta$ -Deficient Pentacenequinones: Synthesis, Electronic Structures, Molecular Packing, and Thin Film Transistors. <i>Chemistry of Materials</i> , 2010, 22, 6438-6443.	3.2	93
24	Platinum(II)-Bis(aryleneethynylene) Complexes for Solution-Processible Molecular Bulk Heterojunction Solar Cells. <i>Chemistry - A European Journal</i> , 2012, 18, 1502-1511.	1.7	93
25	Synthesis, microstructures and UV-vis absorption properties of $\text{Ni}(\text{OH})_2$ nanoplates and NiO nanostructures. <i>Journal of Crystal Growth</i> , 2008, 310, 4221-4225.	0.7	88
26	Toward Sensitive Room-Temperature Broadband Detection from Infrared to Terahertz with Antenna-Integrated Black Phosphorus Photoconductor. <i>Advanced Functional Materials</i> , 2017, 27, 1604414.	7.8	88
27	Guanidinium induced phase separated perovskite layer for efficient and highly stable solar cells. <i>Journal of Materials Chemistry A</i> , 2019, 7, 9486-9496.	5.2	85
28	Solution-processable organic and hybrid gate dielectrics for printed electronics. <i>Materials Science and Engineering Reports</i> , 2018, 127, 1-36.	14.8	79
29	Genome-Wide Identification and Expression Analysis of the Protease Inhibitor Gene Families in Tomato. <i>Genes</i> , 2020, 11, 1.	1.0	79
30	Thermal Stability-Enhanced and High-Efficiency Planar Perovskite Solar Cells with Interface Passivation. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 38467-38476.	4.0	76
31	Genomic Organization, Phylogenetic and Expression Analysis of the B-BOX Gene Family in Tomato. <i>Frontiers in Plant Science</i> , 2016, 7, 1552.	1.7	75
32	Highly photosensitive thin film transistors based on a composite of poly(3-hexylthiophene) and titania nanoparticles. <i>Journal of Applied Physics</i> , 2009, 106, 074501.	1.1	68
33	Salt-resistant carbon dots modified solar steam system enhanced by chemical advection. <i>Carbon</i> , 2021, 176, 313-326.	5.4	68
34	Enhanced photovoltaic performance of polymer solar cells by adding fullerene end-capped polyethylene glycol. <i>Journal of Materials Chemistry</i> , 2011, 21, 6848.	6.7	67
35	The application of a high- $k$ polymer in flexible low-voltage organic thin-film transistors. <i>Journal of Materials Chemistry</i> , 2012, 22, 15998.	6.7	65
36	Enhancement of Hole Mobility of Poly(3-hexylthiophene) Induced by Titania Nanorods in Composite Films. <i>Advanced Materials</i> , 2011, 23, 3648-3652.	11.1	64

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37	Functional Carbon Quantum Dots for Highly Sensitive Graphene Transistors for Cu <sup>2+</sup> Ion Detection. ACS Applied Materials & Interfaces, 2020, 12, 4797-4803.	4.0	64
38	Highly sensitive organic near-infrared phototransistors based on poly(3-hexylthiophene) and PbS quantum dots. Journal of Materials Chemistry, 2012, 22, 21673.	6.7	62
39	High-Performance Solution-Processed Low-voltage Polymer Thin-Film Transistors With Low- $\kappa$ and High- $\kappa$ Polymer Gate Dielectric. IEEE Electron Device Letters, 2015, 36, 950-952.	2.2	60
40	Flexible and portable graphene on carbon cloth as a power generator for electricity generation. Carbon, 2018, 140, 488-493.	5.4	59
41	Guanidinium Passivation for Air-Stable Rubidium-Incorporated Cs <sub>1-x</sub> Rb <sub>x</sub> Pb <sub>2</sub> Br Inorganic Perovskite Solar Cells. Solar Rrl, 2020, 4, 2000112.		57
42	A facile strategy to synthesize three-dimensional Pd@Pt core-shell nanoflowers supported on graphene nanosheets as enhanced nanoelectrocatalysts for methanol oxidation. Chemical Communications, 2015, 51, 10490-10493.	2.2	55
43	Achieving steam and electrical power from solar energy by MoS <sub>2</sub> -based composites. Chemical Engineering Journal, 2022, 427, 131008.	6.6	55
44	Low-temperature and one-pot synthesis of sulfurized graphene nanosheets via in situ doping and their superior electrocatalytic activity for oxygen reduction reaction. Journal of Materials Chemistry A, 2014, 2, 20714-20722.	5.2	54
45	Solution-Processable Low-Voltage and Flexible Floating-Gate Memories Based on an n-Type Polymer Semiconductor and High- $\kappa$ Polymer Gate Dielectrics. ACS Applied Materials & Interfaces, 2014, 6, 12815-12820.	4.0	54
46	Seed-Assisted Growth for Low-Temperature-Processed All-Inorganic CsPbI <sub>2</sub> Br Solar Cells with Efficiency over 10%. Small, 2020, 16, e2001535.	5.2	54
47	Super-hydrophilic copper sulfide films as light absorbers for efficient solar steam generation under one sun illumination. Semiconductor Science and Technology, 2018, 33, 025008.	1.0	53
48	Low-Temperature and Solution-Processable Zinc Oxide Transistors for Transparent Electronics. ACS Omega, 2017, 2, 8990-8996.	1.6	50
49	p-Doping of Copper(I) Thiocyanate (CuSCN) Hole-Transport Layers for High-Performance Transistors and Organic Solar Cells. Advanced Functional Materials, 2018, 28, 1802055.	7.8	50
50	Green emitting N,S-co-doped carbon dots for sensitive fluorometric determination of Fe(III) and Ag(I) ions, and as a solvatochromic probe. Mikrochimica Acta, 2018, 185, 510.	2.5	49
51	Efficient and stable flexible perovskite solar cells based on graphene-AgNWs substrate and carbon electrode without hole transport materials. Journal of Power Sources, 2021, 482, 228953.	4.0	49
52	3D Bicontinuous Nanoporous Reduced Graphene Oxide for Highly Sensitive Photodetectors. Advanced Functional Materials, 2016, 26, 1271-1277.	7.8	48
53	Strong lithium polysulfides chemical trapping of TiC-TiO <sub>2</sub> /S composite for long-cycle lithium-sulfur batteries. Electrochimica Acta, 2019, 298, 43-51.	2.6	46
54	Hierarchical architected MnCO <sub>3</sub> microdumbbells: facile synthesis and enhanced performance for lithium ion batteries. CrystEngComm, 2015, 17, 6450-6455.	1.3	45

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55	Highly sensitive solution-gated graphene transistors for label-free DNA detection. <i>Biosensors and Bioelectronics</i> , 2019, 136, 91-96.	5.3	45
56	Fluorinated Interfaces for Efficient and Stable Low-Temperature Carbon-Based CsPbI <sub>2</sub> Br Perovskite Solar Cells. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	45
57	Enhanced performance of hybrid solar cells based on ordered electrospun ZnO nanofibers modified with CdS on the surface. <i>Organic Electronics</i> , 2012, 13, 1569-1575.	1.4	43
58	Durian-like NiS <sub>2</sub> @rGO nanocomposites and their enhanced rate performance. <i>Chemical Engineering Journal</i> , 2018, 335, 275-281.	6.6	43
59	Bias Stress Stability Improvement in Solution-Processed Low-Voltage Organic Field-Effect Transistors Using Relaxor Ferroelectric Polymer Gate Dielectric. <i>IEEE Electron Device Letters</i> , 2017, 38, 748-751.	2.2	42
60	Investigation of High-Performance Air-Processed Poly(3-hexylthiophene)/Methanofullerene Bulk-Heterojunction Solar Cells. <i>Journal of Physical Chemistry C</i> , 2010, 114, 21873-21877.	1.5	41
61	The influence of gate dielectrics on a high-mobility n-type conjugated polymer in organic thin-film transistors. <i>Applied Physics Letters</i> , 2012, 100, 033301.	1.5	41
62	Solution-gated transistors of two-dimensional materials for chemical and biological sensors: status and challenges. <i>Nanoscale</i> , 2020, 12, 11364-11394.	2.8	41
63	Lignin-derived red-emitting carbon dots for colorimetric and sensitive fluorometric detection of water in organic solvents. <i>Analytical Methods</i> , 2020, 12, 3218-3224.	1.3	41
64	Functionalized carbon materials for efficient solar steam and electricity generation. <i>Materials Chemistry and Physics</i> , 2019, 222, 159-164.	2.0	40
65	Solid-state photoluminescent silicone-carbon dots/dendrimer composites for highly efficient luminescent solar concentrators. <i>Chemical Engineering Journal</i> , 2021, 422, 130158.	6.6	39
66	Stable metallic 1T phase engineering of molybdenum disulfide for enhanced solar vapor generation. <i>Solar Energy Materials and Solar Cells</i> , 2020, 204, 110227.	3.0	37
67	Intensifying Solar Interfacial Heat Accumulation for Clean Water Generation Excluding Heavy Metal Ions and Oil Emulsions. <i>Solar Rrl</i> , 2021, 5, 2100427.	3.1	37
68	Microstructure and ferroelectric properties of sol-gel derived Bi <sub>3.15</sub> Nd <sub>0.85</sub> Ti <sub>3</sub> O <sub>12</sub> thin films on Pt/Ti/SiO <sub>2</sub> /Si(100). <i>Applied Physics Letters</i> , 2004, 85, 3193-3195.	1.5	36
69	SlbZIP38, a Tomato bZIP Family Gene Downregulated by Abscisic Acid, Is a Negative Regulator of Drought and Salt Stress Tolerance. <i>Genes</i> , 2017, 8, 402.	1.0	36
70	An efficient guanidinium isothiocyanate additive for improving the photovoltaic performances and thermal stability of perovskite solar cells. <i>Electrochimica Acta</i> , 2018, 291, 297-303.	2.6	35
71	Achieving Efficient and Stable Perovskite Solar Cells in Ambient Air Through Non-Halide Engineering. <i>Advanced Energy Materials</i> , 2021, 11, 2102169.	10.2	35
72	Controlled Synthesis of Long-Wavelength Multicolor-Emitting Carbon Dots for Highly Efficient Tandem Luminescent Solar Concentrators. <i>ACS Applied Energy Materials</i> , 2020, 3, 12230-12237.	2.5	34

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73	Novel Integrated Helical Design of Single Optic Fiber for Shape Sensing of Flexible Robot. <i>IEEE Sensors Journal</i> , 2017, 17, 6627-6636.	2.4	33
74	Plasmonic enhancement for high-efficiency planar heterojunction perovskite solar cells. <i>Journal of Power Sources</i> , 2019, 432, 112-118.	4.0	33
75	Mechanism of Water Effect on Enhancing the Photovoltaic Performance of Triple-Cation Hybrid Perovskite Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 12699-12708.	4.0	33
76	Recent Advances in Hybridization, Doping, and Functionalization of 2D Xenos. <i>Advanced Functional Materials</i> , 2021, 31, .	7.8	33
77	Highly conductive and transparent silver grid/metal oxide hybrid electrodes for low-temperature planar perovskite solar cells. <i>Journal of Power Sources</i> , 2017, 337, 118-124.	4.0	32
78	Genome-wide identification and expression analysis of the BTB domain-containing protein gene family in tomato. <i>Genes and Genomics</i> , 2018, 40, 1-15.	0.5	32
79	Coherent polyaniline/graphene oxides/multi-walled carbon nanotubes ternary composites for asymmetric supercapacitors. <i>Electrochimica Acta</i> , 2016, 191, 165-172.	2.6	31
80	Towards sensitive terahertz detection via thermoelectric manipulation using graphene transistors. <i>NPG Asia Materials</i> , 2018, 10, 318-327.	3.8	31
81	High carrier mobility low-voltage ZnO thin film transistors fabricated at a low temperature via solution processing. <i>Ceramics International</i> , 2018, 44, 11751-11756.	2.3	30
82	Organic Dye Passivation for High-Performance All-Inorganic CsPbI <sub>1.5</sub> Br <sub>1.5</sub> Perovskite Solar Cells with Efficiency over 14%. <i>Advanced Energy Materials</i> , 2021, 11, 2003585.	10.2	29
83	Controllable microstructure of polymer-small molecule blend thin films for high-performance organic field-effect transistors. <i>Applied Surface Science</i> , 2019, 498, 143822.	3.1	28
84	Tunable Graphene/Nitrocellulose Temperature Alarm Sensors. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 13790-13800.	4.0	28
85	Highly luminescent covalently bonded layered double hydroxide-fluorescent dye nanohybrids. <i>Journal of Materials Chemistry C</i> , 2014, 2, 4490-4494.	2.7	27
86	Genome-Wide Identification and Expression Analysis of the UGlcAE Gene Family in Tomato. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1583.	1.8	27
87	Non-invasive detection of glucose via a solution-gated graphene transistor. <i>Analyst, The</i> , 2020, 145, 887-896.	1.7	27
88	HyPRP1 Gene Suppressed by Multiple Stresses Plays a Negative Role in Abiotic Stress Tolerance in Tomato. <i>Frontiers in Plant Science</i> , 2016, 7, 967.	1.7	26
89	Room-temperature photoconduction assisted by hot-carriers in graphene for sub-terahertz detection. <i>Carbon</i> , 2018, 130, 233-240.	5.4	26
90	Yolk-double shell Fe <sub>3</sub> O <sub>4</sub> @C@C composite as high-performance anode materials for lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2020, 822, 153656.	2.8	26

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91	A Free-Standing and Self-Healable 2D Supramolecular Material Based on Hydrogen Bonding: A Nanowire Array with Sub-2 nm Resolution. <i>Small</i> , 2017, 13, 1604077.	5.2	24
92	Aptamer-Based Solution-Gated Graphene Transistors for Highly Sensitive and Real-Time Detection of Thrombin Molecules. <i>Analytical Chemistry</i> , 2021, 93, 13673-13679.	3.2	23
93	Ultrasensitive Label-Free DNA Detection Based on Solution-Gated Graphene Transistors Functionalized with Carbon Quantum Dots. <i>Analytical Chemistry</i> , 2022, 94, 3320-3327.	3.2	23
94	Tandem 13-Lipoxygenase Genes in a Cluster Confers Yellow-Green Leaf in Cucumber. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3102.	1.8	22
95	Amine-passivated ZnO electron transport layer for thermal stability-enhanced perovskite solar cells. <i>Solar Energy</i> , 2020, 204, 223-230.	2.9	21
96	Chinese hydrangea lantern-like Co <sub>9</sub> S <sub>8</sub> @MoS <sub>2</sub> composites with enhanced lithium-ion battery properties. <i>Nanoscale</i> , 2020, 12, 3435-3442.	2.8	20
97	Ultrasensitive Fe <sup>3+</sup> ion detection based on carbon quantum dot-functionalized solution-gated graphene transistors. <i>Journal of Materials Chemistry C</i> , 2020, 8, 4685-4689.	2.7	20
98	Trap-Assisted Charge Storage in Titania Nanocrystals toward Optoelectronic Nonvolatile Memory. <i>Nano Letters</i> , 2021, 21, 723-730.	4.5	20
99	Synthesis of disk-like LiNi <sub>1/3</sub> Co <sub>1/3</sub> Mn <sub>1/3</sub> O <sub>2</sub> nanoplates with exposed (001) planes and their enhanced rate performance in a lithium ion battery. <i>CrystEngComm</i> , 2017, 19, 442-446.	1.3	19
100	SpPKE1, a Multiple Stress-Responsive Gene Confers Salt Tolerance in Tomato and Tobacco. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2478.	1.8	19
101	Knockdown of a JmjC domain-containing gene JMJ524 confers altered gibberellin responses by transcriptional regulation of GRAS protein lacking the DELLA domain genes in tomato. <i>Journal of Experimental Botany</i> , 2015, 66, 1413-1426.	2.4	18
102	Highly Emissive Carbon Dots/Organosilicon Composites for Efficient and Stable Luminescent Solar Concentrators. <i>ACS Applied Energy Materials</i> , 2022, 5, 1781-1792.	2.5	18
103	Cucumber Metallothionein-Like 2 (CsMTL2) Exhibits Metal-Binding Properties. <i>Genes</i> , 2016, 7, 106.	1.0	16
104	Single-Step Hydrothermal Synthesis of N, S-Dual-Doped Graphene Networks as Metal-Free Efficient Electrocatalysts for Oxygen Reduction Reaction. <i>ChemistrySelect</i> , 2018, 3, 3241-3250.	0.7	16
105	Performance Improvement of Perovskite Solar Cells by Using Ionic Liquid BMIMPF <sub>6</sub> as an Interface Modifier. <i>ACS Applied Energy Materials</i> , 2021, 4, 12421-12428.	2.5	16
106	A sensitive porphyrin/reduced graphene oxide electrode for simultaneous detection of guanine and adenine. <i>Journal of Solid State Electrochemistry</i> , 2016, 20, 2055-2062.	1.2	15
107	Construction of high-strength p(HEMA-co-AA) fluorescent hydrogels based on modified carbon dots as chemically crosslinkers. <i>Colloid and Polymer Science</i> , 2018, 296, 745-752.	1.0	15
108	Wettability Control of Interfaces for High-Performance Organic Thin-Film Transistors by Soluble Insulating Polymer Films. <i>ACS Omega</i> , 2020, 5, 10891-10899.	1.6	15

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109	Highly efficient and stable carbon-based perovskite solar cells with the polymer hole transport layer. <i>Solar Energy</i> , 2021, 220, 491-497.	2.9	15
110	Carbon dot-based inverse opal hydrogels with photoluminescence: dual-mode sensing of solvents and metal ions. <i>Analyst</i> , 2019, 144, 5802-5809.	1.7	14
111	Efficient polysulfide anchor: brain coral-like WS <sub>2</sub> nanosheets. <i>Journal of Materials Science</i> , 2020, 55, 12031-12040.	1.7	14
112	Genome-Wide Analysis of the Protein Phosphatase 2C Genes in Tomato. <i>Genes</i> , 2022, 13, 604.	1.0	14
113	High efficient and long-time stable planar heterojunction perovskite solar cells with doctor-bladed carbon electrode. <i>Journal of Power Sources</i> , 2019, 424, 61-67.	4.0	13
114	Aggregation-Induced Emission Boosting the Study of Polymer Science. <i>Macromolecular Rapid Communications</i> , 2022, 43, e2200080.	2.0	13
115	One-pot synthesis of lightweight nitrogen-doped graphene hydrogels with supercapacitive properties. <i>Materials Research Bulletin</i> , 2015, 68, 245-253.	2.7	12
116	Porous SnO <sub>2</sub> hexagonal prism-attached Pd/rGO with enhanced electrocatalytic activity for methanol oxidation. <i>RSC Advances</i> , 2017, 7, 29909-29915.	1.7	12
117	Characterization analysis and heavy metal-binding properties of Cs MTL 3 in <i>Escherichia coli</i> . <i>FEBS Open Bio</i> , 2018, 8, 1820-1829.	1.0	12
118	Hybrid solar cells based on poly(3-hexylthiophene) and electrospun TiO <sub>2</sub> nanofibers modified with CdS nanoparticles. <i>Progress in Natural Science: Materials International</i> , 2013, 23, 514-518.	1.8	11
119	Synthesis, characterization and photovoltaic properties of benzo[1,2-b:4,5-b']dithiophene-bridged molecules. <i>RSC Advances</i> , 2014, 4, 63260-63267.	1.7	11
120	Inorganic Solar Cells Based on Electrospun ZnO Nanofibrous Networks and Electrodeposited Cu <sub>2</sub> O. <i>Nanoscale Research Letters</i> , 2015, 10, 465.	3.1	10
121	Good conductivity of a single component polydiacetylene film. <i>Organic Electronics</i> , 2017, 49, 174-178.	1.4	10
122	Hierarchical LiNi <sub>0.5</sub> Mn <sub>1.5</sub> O <sub>4</sub> micro-rods with enhanced rate performance for lithium-ion batteries. <i>Journal of Materials Science</i> , 2018, 53, 9710-9720.	1.7	10
123	Fast and low temperature processed CsPbI <sub>3</sub> perovskite solar cells with ZnO as electron transport layer. <i>Journal of Power Sources</i> , 2020, 480, 229134.	4.0	10
124	Identification and Expression Pattern of a ZPR1 Gene in Wild Tomato ( <i>Solanum Pennellii</i> ). <i>Plant Molecular Biology Reporter</i> , 2013, 31, 409-417.	1.0	9
125	8-aminoquinoline functionalized graphene oxide for simultaneous determination of guanine and adenine. <i>Journal of Solid State Electrochemistry</i> , 2017, 21, 1357-1364.	1.2	9
126	A tomato proline-, lysine-, and glutamic-rich type gene SpPKE1 positively regulates drought stress tolerance. <i>Biochemical and Biophysical Research Communications</i> , 2018, 499, 777-782.	1.0	9



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127	Impact of Temperature-Dependent Hydration Water on Perovskite Solar Cells. <i>Solar Rrl</i> , 2020, 4, 1900370.	3.1	9
128	GaSe layered nanorods formed by liquid phase exfoliation for resistive switching memory applications. <i>Journal of Alloys and Compounds</i> , 2020, 823, 153697.	2.8	9
129	The Gate-Modified Solution-Gated Graphene Transistors for the Highly Sensitive Detection of Lead Ions. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 1626-1633.	4.0	9
130	Synthesis of a novel kind of uniform fluorescent silica colloids and their assembled photonic film for sensitive detection of $\text{Cu}^{2+}$ ions. <i>Materials Express</i> , 2017, 7, 351-360.	0.2	8
131	Solution-processed NiO nanoparticles with a wide pH window as an efficient hole transport material for high performance tin-based perovskite solar cells. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 144002.	1.3	8
132	Antioxidant, and enhanced flexible nano porous scaffolds for bone tissue engineering applications. <i>Nano Select</i> , 2021, 2, 1356-1367.	1.9	8
133	Dual-Mode High-Sensitive Detection of Fe(III) Ions via Fluorescent Photonic Crystal Films Based on Co-Assembly of Silica Colloids and Carbon Dots. <i>Science of Advanced Materials</i> , 2017, 9, 873-880.	0.1	7
134	Reduced Graphene Oxide-Supported Cobalt Phosphide Nanoflowers via <i>in situ</i> Hydrothermal Synthesis as Pt-Free Effective Electrocatalysts for Oxygen Reduction Reaction. <i>Nano</i> , 2018, 13, 1850047.	0.5	6
135	Planar visible-near infrared photodetectors based on organic-inorganic hybrid perovskite single crystal bulks. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 414003.	1.3	6
136	An Enhanced Hemostatic Ultrasonic Scalpel Based on the Longitudinal-Torsional Vibration Mode. <i>IEEE Access</i> , 2021, 9, 10951-10961.	2.6	6
137	In situ synthesis of crosslinked-polyaniline nano-pillar arrays/reduced graphene oxide nanocomposites for supercapacitors. <i>Journal of Solid State Electrochemistry</i> , 2016, 20, 665-671.	1.2	5
138	Photoresponsive Biomimetic Soft Robots Enabled by Near-Infrared-Driven and Ultrarobust Sandwich-Structured Nanocomposite Films. <i>Advanced Intelligent Systems</i> , 2021, 3, 2100012.	3.3	5
139	Development of a teleoperation system based on virtual environment. , 2011, , .		4
140	Synthesis of shell-in-shell $\text{LiNi}_0.5\text{Mn}_1.5\text{O}_4$ hollow microspheres and their enhanced performance for lithium ion batteries. <i>Materials Letters</i> , 2016, 173, 141-144.	1.3	4
141	Fröhlich polaron effect in flexible low-voltage organic thin-film transistors gated with high-k polymer dielectrics. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 444001.	1.3	4
142	Tunable transition metal complexes as hole transport materials for stable perovskite solar cells. <i>Chemical Communications</i> , 2021, 57, 2093-2096.	2.2	4
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