

# Liqiang Li

## List of Publications by Year in descending order

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144  
papers

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citations

109137

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149  
docs citations

149  
times ranked

6275  
citing authors

#	ARTICLE	IF	CITATIONS
1	High Performance Field-Effect Ammonia Sensors Based on a Structured Ultrathin Organic Semiconductor Film. <i>Advanced Materials</i> , 2013, 25, 3419-3425.	11.1	263
2	Photoswitches and Phototransistors from Organic Single-Crystalline Sub-micro/nanometer Ribbons. <i>Advanced Materials</i> , 2007, 19, 2624-2628.	11.1	262
3	An Ultra Closely Stacked Organic Semiconductor for High Performance Field-Effect Transistors. <i>Advanced Materials</i> , 2007, 19, 2613-2617.	11.1	247
4	High-Performance Field-Effect Transistor Based on Dibenzothieno[3,2-b;4,5-b <sup>2</sup> ]dithiophene, an Easily Synthesized Semiconductor with High Ionization Potential. <i>Advanced Materials</i> , 2007, 19, 3008-3011.	11.1	178
5	Enhanced thermal conductivity of polyurethane composites via engineering small/large sizes interconnected boron nitride nanosheets. <i>Composites Science and Technology</i> , 2019, 170, 93-100.	3.8	160
6	High-Performance Air-Stable Bipolar Field-Effect Transistors of Organic Single-Crystalline Ribbons with an Air-Gap Dielectric. <i>Advanced Materials</i> , 2008, 20, 1511-1515.	11.1	157
7	Controllable Growth and Field-Effect Property of Monolayer to Multilayer Microstripes of an Organic Semiconductor. <i>Journal of the American Chemical Society</i> , 2010, 132, 8807-8809.	6.6	155
8	Ultrahigh-Sensitivity Piezoresistive Pressure Sensors for Detection of Tiny Pressure. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 20826-20834.	4.0	142
9	A semi-interpenetrating network ionic hydrogel for strain sensing with high sensitivity, large strain range, and stable cycle performance. <i>Chemical Engineering Journal</i> , 2020, 385, 123912.	6.6	128
10	Polymer-Based Gate Dielectrics for Organic Field-Effect Transistors. <i>Chemistry of Materials</i> , 2019, 31, 2212-2240.	3.2	124
11	3D Printing Fiber Electrodes for an All-Fiber Integrated Electronic Device via Hybridization of an Asymmetric Supercapacitor and a Temperature Sensor. <i>Advanced Science</i> , 2018, 5, 1801114.	5.6	120
12	The Semiconductor/Conductor Interface Piezoresistive Effect in an Organic Transistor for Highly Sensitive Pressure Sensors. <i>Advanced Materials</i> , 2019, 31, e1805630.	11.1	115
13	Solution-Processing of High-Purity Semiconducting Single-Walled Carbon Nanotubes for Electronics Devices. <i>Advanced Materials</i> , 2019, 31, e1800750.	11.1	112
14	Growth of Ultrathin Organic Semiconductor Microstripes with Thickness Control in the Monolayer Precision. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 12530-12535.	7.2	92
15	A Densely and Uniformly Packed Organic Semiconductor Based on Annelated Triethiophenes for High-Performance Thin Film Transistors. <i>Advanced Functional Materials</i> , 2009, 19, 272-276.	7.8	88
16	Novel crosslinkable high-k copolymer dielectrics for high-energy-density capacitors and organic field-effect transistor applications. <i>Journal of Materials Chemistry A</i> , 2017, 5, 20737-20746.	5.2	84
17	Surface-grafting polymers: from chemistry to organic electronics. <i>Materials Chemistry Frontiers</i> , 2020, 4, 692-714.	3.2	84
18	A hierarchical heterostructure of CdS QDs confined on 3D ZnIn <sub>2</sub> S <sub>4</sub> with boosted charge transfer for photocatalytic CO <sub>2</sub> reduction. <i>Nano Research</i> , 2021, 14, 81-90.	5.8	84

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19	Creating Organic Functional Materials beyond Chemical Bond Synthesis by Organic Cocrystal Engineering. <i>Journal of the American Chemical Society</i> , 2021, 143, 19243-19256.	6.6	84
20	Copolymer dielectrics with balanced chain-packing density and surface polarity for high-performance flexible organic electronics. <i>Nature Communications</i> , 2018, 9, 2339.	5.8	76
21	Molecular Orientation and Interface Compatibility for High Performance Organic Thin Film Transistor Based on Vanadyl Phthalocyanine. <i>Journal of Physical Chemistry B</i> , 2008, 112, 10405-10410.	1.2	70
22	Organic thin-film transistors of phthalocyanines. <i>Pure and Applied Chemistry</i> , 2008, 80, 2231-2240.	0.9	69
23	Dibenzothiophene derivatives as new prototype semiconductors for organic field-effect transistors. <i>Journal of Materials Chemistry</i> , 2007, 17, 1421.	6.7	55
24	SPECT/CT Imaging of the Novel HER2-Targeted Peptide Probe $^{99m}\text{Tc}$ -HYNIC-H6F in Breast Cancer Mouse Models. <i>Journal of Nuclear Medicine</i> , 2017, 58, 821-826.	2.8	55
25	Indium tin oxide (ITO)-free, top-illuminated, flexible perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2016, 4, 14017-14024.	5.2	53
26	Patterning of Polymer Electrodes by Nanoscratching. <i>Advanced Materials</i> , 2010, 22, 1374-1378.	11.1	51
27	The Impact of Interlayer Electronic Coupling on Charge Transport in Organic Semiconductors: A Case Study on Titanylphthalocyanine Single Crystals. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 5206-5209.	7.2	51
28	Effectively modulating thermal activated charge transport in organic semiconductors by precise potential barrier engineering. <i>Nature Communications</i> , 2021, 12, 21.	5.8	51
29	High Performance and Stable Organic Transistors and Circuits with Patterned Polypyrrole Electrodes. <i>Advanced Materials</i> , 2012, 24, 2159-2164.	11.1	50
30	Controlled Growth of Ultrathin Film of Organic Semiconductors by Balancing the Competitive Processes in Dip-Coating for Organic Transistors. <i>Langmuir</i> , 2016, 32, 6246-6254.	1.6	48
31	Microarray Based Screening of Peptide Nano Probes for HER2 Positive Tumor. <i>Analytical Chemistry</i> , 2015, 87, 8367-8372.	3.2	45
32	Directly writing flexible temperature sensor with graphene nanoribbons for disposable healthcare devices. <i>RSC Advances</i> , 2020, 10, 22222-22229.	1.7	42
33	Polymer Brush and Inorganic Oxide Hybrid Nanodielectrics for High Performance Organic Transistors. <i>Journal of Physical Chemistry B</i> , 2010, 114, 5315-5319.	1.2	36
34	Controlling Molecular Packing for Charge Transport in Organic Thin Films. <i>Advanced Energy Materials</i> , 2011, 1, 188-193.	10.2	36
35	Hyaluronic Acid-Coated Silver Nanoparticles As a Nanoplatform for in Vivo Imaging Applications. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 25650-25653.	4.0	36
36	Bayberry tannin directed assembly of a bifunctional graphene aerogel for simultaneous solar steam generation and marine uranium extraction. <i>Nanoscale</i> , 2021, 13, 5419-5428.	2.8	36

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37	Composition, microstructure and mechanical properties of cBN-based composites sintered with AlN-Al-Ni binder. <i>Ceramics International</i> , 2018, 44, 16915-16922.	2.3	34
38	Breathing-effect assisted transferring large-area PEDOT:PSS to PDMS substrate with robust adhesion for stable flexible pressure sensor. <i>Composites Part A: Applied Science and Manufacturing</i> , 2021, 143, 106299.	3.8	34
39	Structure Formation by Dynamic Self-Assembly. <i>Small</i> , 2012, 8, 488-503.	5.2	33
40	Self-Assembly of a Dendron-Attached Tetrathiafulvalene: Gel Formation and Modulation in the Presence of Chloranil and Metal Ions. <i>Small</i> , 2012, 8, 578-584.	5.2	30
41	Fabrication of free-standing N-doped carbon/TiO <sub>2</sub> hierarchical nanofiber films and their application in lithium and sodium storages. <i>Journal of Alloys and Compounds</i> , 2017, 701, 372-379.	2.8	29
42	Synergistic Resistance Modulation toward Ultrahighly Sensitive Piezoresistive Pressure Sensors. <i>Advanced Materials Technologies</i> , 2020, 5, 1901084.	3.0	29
43	Revealing molecular conformation-induced stress at embedded interfaces of organic optoelectronic devices by sum frequency generation spectroscopy. <i>Science Advances</i> , 2021, 7, .	4.7	29
44	Battery Drivable Organic Single-Crystalline Transistors Based on Surface Grafting Ultrathin Polymer Dielectric. <i>Advanced Functional Materials</i> , 2009, 19, 2987-2991.	7.8	28
45	Mass-Production of Single-Crystalline Device Arrays of an Organic Charge-Transfer Complex for its Memory Nature. <i>Small</i> , 2012, 8, 557-560.	5.2	28
46	Recent progress in polymer-based infrared photodetectors. <i>Journal of Materials Chemistry C</i> , 2022, 10, 13312-13323.	2.7	28
47	Balancing the film strain of organic semiconductors for ultrastable organic transistors with a five-year lifetime. <i>Nature Communications</i> , 2022, 13, 1480.	5.8	26
48	Control over Patterning of Organic Semiconductors: Step-Edge-Induced Area-Selective Growth. <i>Advanced Materials</i> , 2009, 21, 4721-4725.	11.1	25
49	High-Resolution Triple-Color Patterns Based on the Liquid Behavior of Organic Molecules. <i>Small</i> , 2011, 7, 1403-1406.	5.2	24
50	The Electrode's Effect on the Stability of Organic Transistors and Circuits. <i>Advanced Materials</i> , 2012, 24, 3053-3058.	11.1	24
51	Improving the Charge Injection in Organic Transistors by Covalently Linked Graphene Oxide/Metal Electrodes. <i>Advanced Electronic Materials</i> , 2016, 2, 1500409.	2.6	24
52	Highly sensitive airflow sensors with an ultrathin reduced graphene oxide film inspired by gas exfoliation of graphite oxide. <i>Materials Horizons</i> , 2017, 4, 383-388.	6.4	24
53	Lectin-Mediated pH-Sensitive Doxorubicin Prodrug for Pre-Targeted Chemotherapy of Colorectal Cancer with Enhanced Efficacy and Reduced Side Effects. <i>Theranostics</i> , 2019, 9, 747-760.	4.6	24
54	Intrinsic Linear Dichroism of Organic Single Crystals toward High-Performance Polarization-Sensitive Photodetectors. <i>Advanced Materials</i> , 2022, 34, e2105665.	11.1	23

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55	Directly Patterning Conductive Polymer Electrodes on Organic Semiconductor via In Situ Polymerization in Microchannels for High-Performance Organic Transistors. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 17852-17860.	4.0	21
56	Growth of rubrene crystalline thin films using thermal annealing on DPPC LB monolayer. <i>Organic Electronics</i> , 2013, 14, 2534-2539.	1.4	20
57	Influence of Morphology on the Optical Properties of Self-Grown Nanowire Arrays. <i>Journal of Physical Chemistry C</i> , 2013, 117, 4253-4259.	1.5	20
58	Long term (1997-2014) spatial and temporal variations in nitrogen in Dongting Lake, China. <i>PLoS ONE</i> , 2017, 12, e0170993.	1.1	20
59	Morphology and structure features of ZnAl <sub>2</sub> O <sub>4</sub> spinel nanoparticles prepared by matrix-isolation-assisted calcination. <i>Materials Research Bulletin</i> , 2015, 61, 64-69.	2.7	19
60	Facile Peeling Method as a Post-Remedy Strategy for Producing an Ultrasoother Self-Assembled Monolayer for High-Performance Organic Transistors. <i>Langmuir</i> , 2016, 32, 9492-9500.	1.6	18
61	Effect of SiC whiskers on mechanical properties of thermally stable polycrystalline diamond prepared by HPHT sintering. <i>Diamond and Related Materials</i> , 2018, 90, 54-61.	1.8	18
62	Organic Semiconductor Crystal Engineering for High-Resolution Layer-Controlled 2D Crystal Arrays. <i>Advanced Materials</i> , 2022, 34, e2104166.	11.1	18
63	Synthesis and characterization of novel poly(p-phenylenevinylene) derivatives containing phenothiazine-5-oxide and phenothiazine-5, 5-dioxide moieties. <i>Journal of Polymer Science Part A</i> , 2007, 45, 4291-4299.	2.5	17
64	Addressable Organic Structure by Anisotropic Wetting. <i>Advanced Materials</i> , 2013, 25, 2018-2023.	11.1	17
65	Eggshell-inspired membrane "shell" strategy for simultaneously improving the sensitivity and detection range of strain sensors. <i>Science China Materials</i> , 2021, 64, 717-726.	3.5	17
66	Recent Advances of Nanospheres Lithography in Organic Electronics. <i>Small</i> , 2021, 17, e2100724.	5.2	17
67	Polymer-Assisted Space-Confined Strategy for the Foot-Scale Synthesis of Flexible Metal-Organic Framework-Based Composite Films. <i>Journal of the American Chemical Society</i> , 2021, 143, 17526-17534.	6.6	17
68	Mismatch and chemical composition analysis of vertical In <sub>x</sub> Ga <sub>1-x</sub> As quantum-dot arrays by transmission electron microscopy. <i>Applied Physics Letters</i> , 2001, 78, 3830-3832.	1.5	15
69	Mechanically tunable opacity effect in transparent bilayer film: Accurate interpretation and rational applications. <i>Applied Materials Today</i> , 2019, 16, 474-481.	2.3	15
70	Thermal-assisted self-assembly: a self-adaptive strategy towards large-area uniaxial organic single-crystalline microribbon arrays. <i>Nanoscale</i> , 2019, 11, 12781-12787.	2.8	15
71	Low-voltage polymer dielectric-based organic field-effect transistors and applications. <i>Nano Select</i> , 2022, 3, 20-38.	1.9	15
72	Syntheses and properties of cyano and dicyanovinyl-substituted oligomers as organic semiconductors. <i>Synthetic Metals</i> , 2009, 159, 1298-1301.	2.1	14

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73	Wax-assisted crack-free transfer of monolayer CVD graphene: Extending from standalone to supported copper substrates. <i>Applied Surface Science</i> , 2019, 493, 81-86.	3.1	14
74	Molecular Composition, Grafting Density and Film Area Affect the Swelling-Induced Au-S Bond Breakage. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 8313-8319.	4.0	13
75	Optical properties of Cu <sub>2</sub> S nano-hollow cactus arrays with different morphologies. <i>Journal of Alloys and Compounds</i> , 2015, 636, 216-222.	2.8	13
76	Low Hysteresis Carbon Nanotube Transistors Constructed via a General Dry-Laminating Encapsulation Method on Diverse Surfaces. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 14292-14300.	4.0	13
77	Engineering the Interfacial Materials of Organic Field-Effect Transistors for Efficient Charge Transport. <i>Accounts of Materials Research</i> , 2021, 2, 159-169.	5.9	13
78	Polymer Electrolyte Dielectrics Enable Efficient Exciton-Polaron Quenching in Organic Semiconductors for Photostable Organic Transistors. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 13584-13592.	4.0	13
79	Minimizing electrode edge in organic transistors with ultrathin reduced graphene oxide for improving charge injection efficiency. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 13209-13215.	1.3	12
80	Mechanically Tunable Bilayer Composite Grating for Unique Light Manipulation and Information Storage. <i>Advanced Optical Materials</i> , 2019, 7, 1801017.	3.6	12
81	Highly Efficient Charge Transport in a Quasi-Monolayer Semiconductor on Pure Polymer Dielectric. <i>Advanced Functional Materials</i> , 2020, 30, 1907153.	7.8	12
82	Synthesis of MgAl <sub>2</sub> O <sub>4</sub> spinel nanoparticles via polymer-gel and isolation-medium-assisted calcination. <i>Journal of Materials Research</i> , 2014, 29, 2921-2927.	1.2	11
83	Surface modification of polyethylene terephthalate films by direct fluorination. <i>AIP Advances</i> , 2018, 8, .	0.6	11
84	Production, quality control of next-generation PET radioisotope iodine-124 and its thyroid imaging. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 318, 1999-2006.	0.7	11
85	Integrating Unexpected High Charge-Carrier Mobility and Low-Threshold Lasing Action in an Organic Semiconductor. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	11
86	Luminescence properties of PPV-based conjugated polymers containing phenothiazine and phenothiazine-5-oxide units. <i>Journal of Luminescence</i> , 2007, 122-123, 714-716.	1.5	10
87	Anisotropic growth of organic semiconductor based on mechanical contrast of pre-patterned monolayer. <i>Soft Matter</i> , 2010, 6, 5302.	1.2	10
88	Surface Microfluidic Patterning and Transporting Organic Small Molecules. <i>Small</i> , 2014, 10, 2549-2552.	5.2	10
89	Solution-Processed Organic Complementary Inverters Based on TIPS-Pentacene and PDI8-CN2. <i>IEEE Transactions on Electron Devices</i> , 2015, 62, 4220-4224.	1.6	10
90	Solution-processable precursor route for fabricating ultrathin silica film for high performance and low voltage organic transistors. <i>Chinese Chemical Letters</i> , 2017, 28, 2143-2146.	4.8	10

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91	A Centrosymmetric Organic Semiconductor with Donor-acceptor Interaction for Highly Photostable Organic Transistors. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	10
92	The Cu <sub>2</sub> S nano hollow-cactus arrays: A nanostructure with a larger specific surface area and the enhanced light absorption properties. <i>Materials Letters</i> , 2013, 108, 300-303.	1.3	9
93	Ultrathin silica film derived with ultraviolet irradiation of perhydropolysilazane for high performance and low voltage organic transistor and inverter. <i>Science China Materials</i> , 2018, 61, 1237-1242.	3.5	9
94	High-Performance Pressure Sensor for Monitoring Mechanical Vibration and Air Pressure. <i>Polymers</i> , 2018, 10, 587.	2.0	9
95	Copper Tetracyanoquinodimethane: From Micro/Nanostructures to Applications. <i>Small</i> , 2021, 17, e2004143.	5.2	9
96	Conducting polymer nanowires fabricated by edge effect of NIL. <i>Journal of Materials Chemistry</i> , 2012, 22, 12096.	6.7	8
97	Cu <sub>2</sub> S/CIGS core/shell nanowire arrays with epitaxial CIGS growth. <i>Solar Energy Materials and Solar Cells</i> , 2014, 128, 357-361.	3.0	8
98	Annealing effects on the physical and optical properties of Cu <sub>2</sub> S/CIGS core/shell nanowire arrays. <i>Applied Physics A: Materials Science and Processing</i> , 2015, 119, 1149-1154.	1.1	8
99	Comparison of posterior lumbar interbody fusion with transforaminal lumbar interbody fusion for treatment of recurrent lumbar disc herniation: A retrospective study. <i>Journal of International Medical Research</i> , 2016, 44, 1424-1429.	0.4	8
100	Microstructured Ultrathin Organic Semiconductor Film via Dip-Coating: Precise Assembly and Diverse Applications. <i>Accounts of Materials Research</i> , 2020, 1, 201-212.	5.9	8
101	Functionalization of Low-κ Polyimide Gate Dielectrics with Self-assembly Monolayer Toward High-performance Organic Field-effect Transistors and Circuits. <i>Advanced Materials Interfaces</i> , 2021, 8, 2100217.	1.9	8
102	Patterning rubrene crystalline thin films for sub-micrometer channel length field-effect transistor arrays. <i>Journal of Materials Chemistry C</i> , 2014, 2, 9359-9363.	2.7	7
103	Effects of reagent gas composition on the morphology and optical properties of Cu <sub>2</sub> S nanowire arrays. <i>Journal of Alloys and Compounds</i> , 2016, 662, 263-267.	2.8	7
104	Polymer mask-weakening grain-boundary effect: towards high-performance organic thin-film transistors with mobility closing to $20 \text{ cm}^2/\text{Vs}$ . <i>Materials Chemistry Frontiers</i> , 2020, 4, 2990-2994.	3.2	7
105	Thermally-enhanced photo-electric response of an organic semiconductor with low exciton binding energy for simultaneous and distinguishable detection of light and temperature. <i>Science China Chemistry</i> , 2022, 65, 145-152.	4.2	7
106	Printed thin film transistors with 10 <sup>8</sup> on/off ratios and photoelectrical synergistic characteristics using isoindigo-based polymers-enriched (9,8) carbon nanotubes. <i>Nano Research</i> , 2022, 15, 5517-5526.	5.8	7
107	Fluorinated Dielectrics-modulated Organic Phototransistors and Flexible Image Sensors. <i>Advanced Optical Materials</i> , 2022, 10, .	3.6	7
108	Growth of large-size-two-dimensional crystalline pentacene grains for high performance organic thin film transistors. <i>AIP Advances</i> , 2012, 2, 022138.	0.6	6

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109	Very large-bandgap insulating monolayers of ODS on SiC. Applied Surface Science, 2012, 258, 7280-7285.	3.1	6
110	Tunable Organic Hetero-patterns via Molecule Diffusion Control. Small, 2014, 10, 3045-3049.	5.2	6
111	Kilohertz organic complementary inverters driven by surface-grafting conducting polypyrrole electrodes. Solid-State Electronics, 2016, 123, 51-57.	0.8	6
112	2D PbS Nanosheets with Zigzag Edges for Efficient CO <sub>2</sub> Photoconversion. Chemistry - A European Journal, 2020, 26, 13601-13605.	1.7	6
113	Substitution site effect of naphthyl substituted anthracene derivatives and their applications in organic optoelectronics. Journal of Materials Chemistry C, 2020, 8, 15597-15602.	2.7	6
114	Controllable and reproducible fabrication of high anisotropic organic field effect transistors. Thin Solid Films, 2008, 516, 5093-5097.	0.8	5
115	Tuning the aggregation structure and electrical property of 2,6-diphenyl-anthracene by the density of octadecyltrichlorosilane. Science China Chemistry, 2016, 59, 1645-1650.	4.2	5
116	A novel method to synthesize CaCu <sub>3</sub> Ti <sub>4</sub> O <sub>12</sub> with acetylacetonate precursor. Materials Letters, 2016, 181, 71-73.	1.3	5
117	Protective role of microRNA-219-5p inhibitor against spinal cord injury via liver receptor homolog-1/Wnt/β-catenin signaling pathway regulation. Experimental and Therapeutic Medicine, 2018, 15, 3563-3569.	0.8	5
118	Fabrication of flexible thin organic transistors by trace water assisted transfer method. Chinese Chemical Letters, 2018, 29, 1681-1684.	4.8	5
119	Multi-species micropatterning of organic materials by liquid droplet array transfer printing. Applied Physics Letters, 2019, 114, .	1.5	5
120	<i>In situ</i> observation of organic single micro-crystal fabrication by solvent vapor annealing. Journal of Materials Chemistry C, 2021, 9, 9124-9129.	2.7	5
121	Collision-induced spin-orbit relaxation of highly vibrationally excited NO near 1 K. Natural Sciences, 2022, 2, e20210074.	1.0	5
122	Mechanical property enhancement of cubic boron nitride composites through additive diamond. Diamond and Related Materials, 2019, 96, 20-24.	1.8	4
123	Fabrication of composites with excellent mechanical properties based on cubic boron nitride reinforced with carbon nanotubes. Ceramics International, 2019, 45, 14287-14290.	2.3	4
124	Extremely Sensitive, Allochroic Airflow Sensors by Synergistic Effect of Reversible Water Molecules Adsorption and Tunable Interlayer Distance in Graphene Oxide Film. Advanced Materials Interfaces, 2019, 6, 1900365.	1.9	4
125	Cu(In,Ga)S <sub>2</sub> nanowire arrays: Self-templated synthesis and application for photoelectrochemical water splitting. Materials Characterization, 2021, 172, 110900.	1.9	4
126	Band-Like Charge Transport in Small-Molecule Thin Film toward High-Performance Organic Phototransistors at Low Temperature. Advanced Optical Materials, 2022, 10, .	3.6	4



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127	High mobility n-type organic semiconductors with tunable exciton dynamics toward photo-stable and photo-sensitive transistors. <i>Journal of Materials Chemistry C</i> , 2022, 10, 8874-8880.	2.7	4
128	Effect of fluorination on the surface electrical properties of epoxy resin insulation. <i>Applied Physics A: Materials Science and Processing</i> , 2015, 118, 757-762.	1.1	3
129	Stamp recyclable contact printing of liquid droplet matrix on various surfaces. <i>Journal of Materials Chemistry C</i> , 2017, 5, 10971-10975.	2.7	3
130	Synthesis and light absorption properties of copper sulfide nanowire arrays on different substrates. <i>Physica B: Condensed Matter</i> , 2018, 550, 26-31.	1.3	3
131	Single-Walled Carbon Nanotubes: Solution-Processing of High-Purity Semiconducting Single-Walled Carbon Nanotubes for Electronics Devices ( <i>Adv. Mater.</i> 9/2019). <i>Advanced Materials</i> , 2019, 31, 1970063.	11.1	3
132	Air-stable ambipolar field-effect transistors based on copper phthalocyanine and tetracyanoquinodimethane. <i>Research on Chemical Intermediates</i> , 2008, 34, 147-153.	1.3	2
133	Nanospheres Lithography: Recent Advances of Nanospheres Lithography in Organic Electronics (Small) Tj ETQq1 1 0.784314 rgBT /Overlook 10 Tf 5.2	5.2	2
134	Twist Angle-Dependent Interface Thermal Conductance in MoS2 Bilayers. <i>Journal of Electronic Materials</i> , 2022, 51, 2949-2955.	1.0	2
135	Thermal behavior and properties of CaCu3Ti4O12 ceramic synthesized by organo-metallic compound. <i>Applied Physics A: Materials Science and Processing</i> , 2018, 124, 1.	1.1	1
136	Distinct Cu2S micro-nano structure arrays: preparation and optical properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 11758-11763.	1.1	1
137	Armadillo-inspired micro-foldable metal electrodes with a negligible resistance change under large stretchability. <i>Journal of Materials Chemistry C</i> , 2021, 9, 4046-4052.	2.7	1
138	The flexible sensors based on organic field-effect transistors: materials, mechanisms, and applications. <i>Scientia Sinica Chimica</i> , 2022, 52, 2080-2091.	0.2	1
139	Production of 62Zn radioactive nuclear beam and on-line PAC investigation of quadrupole interaction in nano-magnetic material Fe73.5Cu1Nb3Si13.5B9. <i>Hyperfine Interactions</i> , 2013, 222, 87-93.	0.2	0
140	EFFECTS OF DIRECT FLUORINATION ON SURFACE CONDUCTIVITY OF EPOXY RESIN INSULATORS. <i>Surface Review and Letters</i> , 2014, 21, 1450084.	0.5	0
141	Organic Transistors: Improving the Charge Injection in Organic Transistors by Covalently Linked Graphene Oxide/Metal Electrodes ( <i>Adv. Electron. Mater.</i> 4/2016). <i>Advanced Electronic Materials</i> , 2016, 2, .	2.6	0
142	Airflow Sensors: Extremely Sensitive, Allochroic Airflow Sensors by Synergistic Effect of Reversible Water Molecules Adsorption and Tunable Interlayer Distance in Graphene Oxide Film ( <i>Adv. Mater.</i> ) Tj ETQq0 0 0 rgBT /Overlook 10 Tf 0	0	0
143	Materials chemistry research at Tianjin University. <i>Materials Chemistry Frontiers</i> , 2020, 4, 690-691.	3.2	0
144	In situ one-step synthesis of CuInS2 thin films with different morphologies and their optical properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 2995-3001.	1.1	0