

Liqiang Li

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

139
papers

3,459
citations

31
h-index

55
g-index

149
ext. papers

4,108
ext. citations

9
avg, IF

5.34
L-index

#	Paper	IF	Citations
139	In situ one-step synthesis of CuInS ₂ thin films with different morphologies and their optical properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2022 , 33, 2995	2.1	
138	Band-Like Charge Transport in Small-Molecule Thin Film toward High-Performance Organic Phototransistors at Low Temperature. <i>Advanced Optical Materials</i> , 2022 , 10, 2102484	8.1	3
137	Balancing the film strain of organic semiconductors for ultrastable organic transistors with a five-year lifetime.. <i>Nature Communications</i> , 2022 , 13, 1480	17.4	3
136	Creating Organic Functional Materials beyond Chemical Bond Synthesis by Organic Cocrystal Engineering. <i>Journal of the American Chemical Society</i> , 2021 , 143, 19243-19256	16.4	12
135	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	16.4	3
134	Intrinsic Linear Dichroism of Organic Single Crystals toward High-Performance Polarization-Sensitive Photodetectors. <i>Advanced Materials</i> , 2021 , e2105665	24	6
133	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	8.4	16
132	Functionalization of Low-k Polyimide Gate Dielectrics with Self-Assembly Monolayer Toward High-Performance Organic Field-Effect Transistors and Circuits. <i>Advanced Materials Interfaces</i> , 2021 , 8, 2100217	4.6	6
131	Directly Patterning Conductive Polymer Electrodes on Organic Semiconductor via In Situ Polymerization in Microchannels for High-Performance Organic Transistors. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 17852-17860	9.5	9
130	Revealing molecular conformation-induced stress at embedded interfaces of organic optoelectronic devices by sum frequency generation spectroscopy. <i>Science Advances</i> , 2021 , 7,	14.3	15
129	Recent Advances of Nanospheres Lithography in Organic Electronics. <i>Small</i> , 2021 , 17, e2100724	11	4
128	Nanospheres Lithography: Recent Advances of Nanospheres Lithography in Organic Electronics (Small 28/2021). <i>Small</i> , 2021 , 17, 2170145	11	0
127	Copper Tetracyanoquinodimethane: From Micro/Nanostructures to Applications. <i>Small</i> , 2021 , 17, e2004143	11.3	2
126	A hierarchical heterostructure of CdS QDs confined on 3D ZnIn ₂ S ₄ with boosted charge transfer for photocatalytic CO ₂ reduction. <i>Nano Research</i> , 2021 , 14, 81-90	10	39
125	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	7.1	5
124	Effectively modulating thermal activated charge transport in organic semiconductors by precise potential barrier engineering. <i>Nature Communications</i> , 2021 , 12, 21	17.4	18
123	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	7.7	16

122	Engineering the Interfacial Materials of Organic Field-Effect Transistors for Efficient Charge Transport. <i>Accounts of Materials Research</i> , 2021 , 2, 159-169	7.5	2
121	Cu(In,Ga)S ₂ nanowire arrays: Self-templated synthesis and application for photoelectrochemical water splitting. <i>Materials Characterization</i> , 2021 , 172, 110900	3.9	3
120	Organic Semiconductor Crystal Engineering for High-Resolution Layer-Controlled 2D Crystal Arrays. <i>Advanced Materials</i> , 2021 , e2104166	24	4
119	In situ observation of organic single micro-crystal fabrication by solvent vapor annealing. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 9124-9129	7.1	2
118	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	7.1	
117	Directly writing flexible temperature sensor with graphene nanoribbons for disposable healthcare devices.. <i>RSC Advances</i> , 2020 , 10, 22222-22229	3.7	20
116	Distinct Cu ₂ S microband structure arrays: preparation and optical properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2020 , 31, 11758-11763	2.1	0
115	Synergistic Resistance Modulation toward Ultrahighly Sensitive Piezoresistive Pressure Sensors. <i>Advanced Materials Technologies</i> , 2020 , 5, 1901084	6.8	13
114	Highly Efficient Charge Transport in a Quasi-Monolayer Semiconductor on Pure Polymer Dielectric. <i>Advanced Functional Materials</i> , 2020 , 30, 1907153	15.6	7
113	Surface-grafting polymers: from chemistry to organic electronics. <i>Materials Chemistry Frontiers</i> , 2020 , 4, 692-714	7.8	42
112	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	14.7	58
111	Microstructured Ultrathin Organic Semiconductor Film via Dip-Coating: Precise Assembly and Diverse Applications. <i>Accounts of Materials Research</i> , 2020 , 1, 201-212	7.5	4
110	Polymer mask-weakening grain-boundary effect: towards high-performance organic thin-film transistors with mobility closing to 20 cm ² V ⁻¹ s ⁻¹ . <i>Materials Chemistry Frontiers</i> , 2020 , 4, 2990-2994	7.8	4
109	2D PbS Nanosheets with Zigzag Edges for Efficient CO Photoconversion. <i>Chemistry - A European Journal</i> , 2020 , 26, 13601-13605	4.8	4
108	Substitution site effect of naphthyl substituted anthracene derivatives and their applications in organic optoelectronics. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 15597-15602	7.1	0
107	Mechanically tunable opacity effect in transparent bilayer film: Accurate interpretation and rational applications. <i>Applied Materials Today</i> , 2019 , 16, 474-481	6.6	5
106	Airflow Sensors: Extremely Sensitive, Allochroic Airflow Sensors by Synergistic Effect of Reversible Water Molecules Adsorption and Tunable Interlayer Distance in Graphene Oxide Film (Adv. Mater. Interfaces 9/2019). <i>Advanced Materials Interfaces</i> , 2019 , 6, 1970059	4.6	
105	Thermal-assisted self-assembly: a self-adaptive strategy towards large-area uniaxial organic single-crystalline microribbon arrays. <i>Nanoscale</i> , 2019 , 11, 12781-12787	7.7	10

104	Multi-species micropatterning of organic materials by liquid droplet array transfer printing. <i>Applied Physics Letters</i> , 2019 , 114, 183702	3.4	3
103	Mechanical property enhancement of cubic boron nitride composites through additive diamond. <i>Diamond and Related Materials</i> , 2019 , 96, 20-24	3.5	4
102	Fabrication of composites with excellent mechanical properties based on cubic boron nitride reinforced with carbon nanotubes. <i>Ceramics International</i> , 2019 , 45, 14287-14290	5.1	3
101	Polymer-Based Gate Dielectrics for Organic Field-Effect Transistors. <i>Chemistry of Materials</i> , 2019 , 31, 2212-2240	9.6	80
100	Extremely Sensitive, Allochroic Airflow Sensors by Synergistic Effect of Reversible Water Molecules Adsorption and Tunable Interlayer Distance in Graphene Oxide Film. <i>Advanced Materials Interfaces</i> , 2019 , 6, 1900365	4.6	3
99	Solution-Processing of High-Purity Semiconducting Single-Walled Carbon Nanotubes for Electronics Devices. <i>Advanced Materials</i> , 2019 , 31, e1800750	24	69
98	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	6.7	8
97	Single-Walled Carbon Nanotubes: Solution-Processing of High-Purity Semiconducting Single-Walled Carbon Nanotubes for Electronics Devices (Adv. Mater. 9/2019). <i>Advanced Materials</i> , 2019 , 31, 1970063	24	1
96	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	12.1	15
95	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	8.6	102
94	Mechanically Tunable Bilayer Composite Grating for Unique Light Manipulation and Information Storage. <i>Advanced Optical Materials</i> , 2019 , 7, 1801017	8.1	10
93	The Semiconductor/Conductor Interface Piezoresistive Effect in an Organic Transistor for Highly Sensitive Pressure Sensors. <i>Advanced Materials</i> , 2019 , 31, e1805630	24	63
92	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	7.1	5
91	Protective role of microRNA-219-5p inhibitor against spinal cord injury via liver receptor homolog-1/Wnt/ β -catenin signaling pathway regulation. <i>Experimental and Therapeutic Medicine</i> , 2018 , 15, 3563-3569	2.1	5
90	High-Performance Pressure Sensor for Monitoring Mechanical Vibration and Air Pressure. <i>Polymers</i> , 2018 , 10,	4.5	7
89	Fabrication of flexible thin organic transistors by trace water assisted transfer method. <i>Chinese Chemical Letters</i> , 2018 , 29, 1681-1684	8.1	3
88	Copolymer dielectrics with balanced chain-packing density and surface polarity for high-performance flexible organic electronics. <i>Nature Communications</i> , 2018 , 9, 2339	17.4	52
87	Surface modification of polyethylene terephthalate films by direct fluorination. <i>AIP Advances</i> , 2018 , 8, 125333	1.5	7

86	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	1.5	5
85	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	13.6	91
84	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	3.5	10
83	Synthesis and light absorption properties of copper sulfide nanowire arrays on different substrates. <i>Physica B: Condensed Matter</i> , 2018 , 550, 26-31	2.8	3
82	Thermal behavior and properties of CaCu ₃ Ti ₄ O ₁₂ ceramic synthesized by organo-metallic compound. <i>Applied Physics A: Materials Science and Processing</i> , 2018 , 124, 1	2.6	1
81	Ultrahigh-Sensitivity Piezoresistive Pressure Sensors for Detection of Tiny Pressure. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 20826-20834	9.5	74
80	Composition, microstructure and mechanical properties of cBN-based composites sintered with AlN- Al- Ni binder. <i>Ceramics International</i> , 2018 , 44, 16915-16922	5.1	16
79	SPECT/CT Imaging of the Novel HER2-Targeted Peptide Probe Tc-HYNIC-H6F in Breast Cancer Mouse Models. <i>Journal of Nuclear Medicine</i> , 2017 , 58, 821-826	8.9	32
78	Fabrication of free-standing N-doped carbon/TiO ₂ hierarchical nanofiber films and their application in lithium and sodium storages. <i>Journal of Alloys and Compounds</i> , 2017 , 701, 372-379	5.7	26
77	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	14.4	14
76	Low Hysteresis Carbon Nanotube Transistors Constructed via a General Dry-Laminating Encapsulation Method on Diverse Surfaces. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 14292-14300	8.5	9
75	Stamp recyclable contact printing of liquid droplet matrix on various surfaces. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 10971-10975	7.1	3
74	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	8.1	4
73	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	13	69
72	Long term (1997-2014) spatial and temporal variations in nitrogen in Dongting Lake, China. <i>PLoS ONE</i> , 2017 , 12, e0170993	3.7	13
71	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, 9492-500	4	11
70	Kilohertz organic complementary inverters driven by surface-grafting conducting polypyrrole electrodes. <i>Solid-State Electronics</i> , 2016 , 123, 51-57	1.7	5
69	Hyaluronic Acid-Coated Silver Nanoparticles As a Nanoplatfor for in Vivo Imaging Applications. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 25650-25653	9.5	24

68	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	1.4	6
67	Tuning the aggregation structure and electrical property of 2,6-diphenyl-anthracene by the density of octadecyltrichlorosilane. <i>Science China Chemistry</i> , 2016 , 59, 1645-1650	7.9	4
66	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, 5206-9	16.4	38
65	Controlled Growth of Ultrathin Film of Organic Semiconductors by Balancing the Competitive Processes in Dip-Coating for Organic Transistors. <i>Langmuir</i> , 2016 , 32, 6246-54	4	39
64	A novel method to synthesize CaCu ₃ Ti ₄ O ₁₂ with acetylacetonate precursor. <i>Materials Letters</i> , 2016 , 181, 71-73	3.3	5
63	Effects of reagent gas composition on the morphology and optical properties of Cu ₂ S nanowire arrays. <i>Journal of Alloys and Compounds</i> , 2016 , 662, 263-267	5.7	5
62	Improving the Charge Injection in Organic Transistors by Covalently Linked Graphene Oxide/Metal Electrodes. <i>Advanced Electronic Materials</i> , 2016 , 2, 1500409	6.4	19
61	Minimizing electrode edge in organic transistors with ultrathin reduced graphene oxide for improving charge injection efficiency. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 13209-15	3.6	10
60	Indium tin oxide (ITO)-free, top-illuminated, flexible perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 14017-14024	13	47
59	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	2.6	3
58	Microarray based screening of peptide nano probes for HER2 positive tumor. <i>Analytical Chemistry</i> , 2015 , 87, 8367-72	7.8	35
57	Optical properties of Cu ₂ S nano-hollow cactus arrays with different morphologies. <i>Journal of Alloys and Compounds</i> , 2015 , 636, 216-222	5.7	13
56	Annealing effects on the physical and optical properties of Cu ₂ S/CIGS core/shell nanowire arrays. <i>Applied Physics A: Materials Science and Processing</i> , 2015 , 119, 1149-1154	2.6	7
55	Morphology and structure features of ZnAl ₂ O ₄ spinel nanoparticles prepared by matrix-isolation-assisted calcination. <i>Materials Research Bulletin</i> , 2015 , 61, 64-69	5.1	19
54	Solution-Processed Organic Complementary Inverters Based on TIPS-Pentacene and PDI8-CN2. <i>IEEE Transactions on Electron Devices</i> , 2015 , 62, 4220-4224	2.9	7
53	Tunable organic hetero-patterns via molecule diffusion control. <i>Small</i> , 2014 , 10, 3045-9	11	6
52	Cu ₂ S/CIGS core/shell nanowire arrays with epitaxial CIGS growth. <i>Solar Energy Materials and Solar Cells</i> , 2014 , 128, 357-361	6.4	6
51	Surface microfluidic patterning and transporting organic small molecules. <i>Small</i> , 2014 , 10, 2549-52	11	10

50	Molecular composition, grafting density and film area affect the swelling-induced Au-S bond breakage. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 8313-9	9.5	11
49	Synthesis of MgAl ₂ O ₄ spinel nanoparticles via polymer-gel and isolation-medium-assisted calcination. <i>Journal of Materials Research</i> , 2014 , 29, 2921-2927	2.5	7
48	EFFECTS OF DIRECT FLUORINATION ON SURFACE CONDUCTIVITY OF EPOXY RESIN INSULATORS. <i>Surface Review and Letters</i> , 2014 , 21, 1450084	1.1	
47	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	7.1	6
46	Growth of ultrathin organic semiconductor microstripes with thickness control in the monolayer precision. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 12530-5	16.4	83
45	The Cu ₂ 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	3.3	9
44	Growth of rubrene crystalline thin films using thermal annealing on DPPC LB monolayer. <i>Organic Electronics</i> , 2013 , 14, 2534-2539	3.5	17
43	Addressable organic structure by anisotropic wetting. <i>Advanced Materials</i> , 2013 , 25, 2018-23	24	16
42	Influence of Morphology on the Optical Properties of Self-Grown Nanowire Arrays. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 4253-4259	3.8	18
41	High performance field-effect ammonia sensors based on a structured ultrathin organic semiconductor film. <i>Advanced Materials</i> , 2013 , 25, 3419-25	24	231
40	Production of ⁶² Zn radioactive nuclear beam and on-line PAC investigation of quadrupole interaction in nano-magnetic material Fe _{73.5} Cu ₁ Nb ₃ Si _{13.5} B ₉ . <i>Hyperfine Interactions</i> , 2013 , 222, 87-93	0.8	
39	Growth of Ultrathin Organic Semiconductor Microstripes with Thickness Control in the Monolayer Precision. <i>Angewandte Chemie</i> , 2013 , 125, 12762-12767	3.6	4
38	Conducting polymer nanowires fabricated by edge effect of NIL. <i>Journal of Materials Chemistry</i> , 2012 , 22, 12096		8
37	Very large-bandgap insulating monolayers of ODS on SiC. <i>Applied Surface Science</i> , 2012 , 258, 7280-7285	6.7	6
36	Self-assembly of a dendron-attached tetrathiafulvalene: gel formation and modulation in the presence of chloranil and metal ions. <i>Small</i> , 2012 , 8, 578-84	11	25
35	Structure formation by dynamic self-assembly. <i>Small</i> , 2012 , 8, 487-503	11	31
34	Mass-production of single-crystalline device arrays of an organic charge-transfer complex for its memory nature. <i>Small</i> , 2012 , 8, 557-60, 478	11	27
33	High-performance and stable organic transistors and circuits with patterned polypyrrole electrodes. <i>Advanced Materials</i> , 2012 , 24, 2159-64	24	43

32	The electrode's effect on the stability of organic transistors and circuits. <i>Advanced Materials</i> , 2012 , 24, 3053-8	24	20
31	Growth of large-size-two-dimensional crystalline pentacene grains for high performance organic thin film transistors. <i>AIP Advances</i> , 2012 , 2, 022138	1.5	5
30	High-resolution triple-color patterns based on the liquid behavior of organic molecules. <i>Small</i> , 2011 , 7, 1403-6	11	22
29	Controlling Molecular Packing for Charge Transport in Organic Thin Films. <i>Advanced Energy Materials</i> , 2011 , 1, 188-193	21.8	33
28	Polymer brush and inorganic oxide hybrid nanodielectrics for high performance organic transistors. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 5315-9	3.4	36
27	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, 8807-9	16.4	146
26	Anisotropic growth of organic semiconductor based on mechanical contrast of pre-patterned monolayer. <i>Soft Matter</i> , 2010 , 6, 5302	3.6	10
25	Patterning of polymer electrodes by nanoscratching. <i>Advanced Materials</i> , 2010 , 22, 1374-8	24	46
24	A Densely and Uniformly Packed Organic Semiconductor Based on Annelated Trithiophenes for High-Performance Thin Film Transistors. <i>Advanced Functional Materials</i> , 2009 , 19, 272-276	15.6	84
23	Battery Drivable Organic Single-Crystalline Transistors Based on Surface Grafting Ultrathin Polymer Dielectric. <i>Advanced Functional Materials</i> , 2009 , 19, 2987-2991	15.6	28
22	Control over Patterning of Organic Semiconductors: Step-Edge-Induced Area-Selective Growth. <i>Advanced Materials</i> , 2009 , 21, NA-NA	24	13
21	Syntheses and properties of cyano and dicyanovinyl-substituted oligomers as organic semiconductors. <i>Synthetic Metals</i> , 2009 , 159, 1298-1301	3.6	14
20	Air-stable ambipolar field-effect transistors based on copper phthalocyanine and tetracyanoquinodimethane. <i>Research on Chemical Intermediates</i> , 2008 , 34, 147-153	2.8	2
19	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, 10405-10	3.4	65
18	Organic thin-film transistors of phthalocyanines. <i>Pure and Applied Chemistry</i> , 2008 , 80, 2231-2240	2.1	66
17	Controllable and reproducible fabrication of high anisotropic organic field effect transistors. <i>Thin Solid Films</i> , 2008 , 516, 5093-5097	2.2	5
16	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	24	126
15	Dibenzothiophene derivatives as new prototype semiconductors for organic field-effect transistors. <i>Journal of Materials Chemistry</i> , 2007 , 17, 1421		53

14	Photoswitches and Phototransistors from Organic Single-Crystalline Sub-micro/nanometer Ribbons. <i>Advanced Materials</i> , 2007 , 19, 2624-2628	24	216
13	An Ultra Closely π -Stacked Organic Semiconductor for High Performance Field-Effect Transistors. <i>Advanced Materials</i> , 2007 , 19, 2613-2617	24	235
12	High-Performance Field-Effect Transistor Based on Dibenzo[d,d']thieno[3,2-b;4,5-b']dithiophene, an Easily Synthesized Semiconductor with High Ionization Potential. <i>Advanced Materials</i> , 2007 , 19, 3008-3011	34	169
11	Luminescence properties of PPV-based conjugated polymers containing phenothiazine and phenothiazine-5-oxide units. <i>Journal of Luminescence</i> , 2007 , 122-123, 714-716	3.8	10
10	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
9	Mismatch and chemical composition analysis of vertical $\text{In}_x\text{Ga}_{1-x}\text{As}$ quantum-dot arrays by transmission electron microscopy. <i>Applied Physics Letters</i> , 2001 , 78, 3830-3832	3.4	15
8	A Centrosymmetric Organic Semiconductor with Donor-Acceptor Interaction for Highly Photostable Organic Transistors. <i>Advanced Functional Materials</i> , 2111705	15.6	0
7	Collision-induced spin-orbit relaxation of highly vibrationally excited NO near 1 K. <i>Natural Sciences</i> , e20210074	3	3
6	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> , 1	7.9	0
5	Low-voltage polymer-dielectric-based organic field-effect transistors and applications. <i>Nano Select</i> ,	3.1	5
4	Recent Progress in Polymer-based Infrared Photodetectors. <i>Journal of Materials Chemistry C</i> ,	7.1	0
3	Twist Angle-Dependent Interface Thermal Conductance in MoS_2 Bilayers. <i>Journal of Electronic Materials</i> , 1	1.9	1
2	Printed thin film transistors with 10 ⁸ on/off ratios and photoelectrical synergistic characteristics using isoindigo-based polymers-enriched (9,8) carbon nanotubes. <i>Nano Research</i> , 1	10	1
1	Fluorinated Dielectrics-Modulated Organic Phototransistors and Flexible Image Sensors. <i>Advanced Optical Materials</i> , 2200614	8.1	2