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List of Publications by Year
in descending order

439 papers	48,926 citations	3874 91 h-index	1964 213 g-index
449 all docs	449 docs citations	449 times ranked	45039 citing authors

#	Article	IF	Citations
1	Advances in materials and devices for mimicking sensory adaptation. Materials Horizons, 2022, 9, 147-163.	6.4	14
2	Chemical structure modulation in conductive MOFs by adjusting the oxidation state of the ligand and introducing alkali metal ions. Chemical Communications, 2022, 58, 2702-2705.	2.2	6
3	Organicâ€“inorganic hybrid metallic conductors based on bis(ethylenedithio)tetrathiafulvalene cations and antiferromagnetic oxalate-bridged copper(<scp>ii</scp>) dinuclear anions. Journal of Materials Chemistry C, 2022, 10, 2845-2852.	2.7	2
4	Tetrathiafulvalenes as anchors for building highly conductive and mechanically tunable molecular junctions. Nature Communications, 2022, 13, 1803.	5.8	15
5	Advances in perception-functionalized organic field-effect transistors. Scientia Sinica Chimica, 2022, 52, 1896-1912.	0.2	2
6	The Increasing Number of Electron Reservoirs in Nonporous, Highâ€Conducting Coordination Polymers Cu_xBHT (xÂ=Â3, 4, and 5, BHTÂ=ÂBenzenehexathiol) for Improved Faradaic Capacitance. Small, 2022, 18, .	5.2	3
7	Persistent Conjugated Backbone and Disordered Lamellar Packing Impart Polymers with Efficient nâ€Doping and High Conductivities. Advanced Materials, 2021, 33, e2005946.	11.1	99
8	Doped thieno[3,4-b]thiophene-based copolymers for p-type organic thermoelectric materials. Journal of Materials Chemistry C, 2021, 9, 4158-4163.	2.7	13
9	Advanced Thermoelectric Materials for Flexible Cooling Application. Advanced Functional Materials, 2021, 31, 2010695.	7.8	47
10	Strongly correlated superconductivity in a copper-based metal-organic framework with a perfect kagome lattice. Science Advances, 2021, 7, .	4.7	44
11	1D Mixedâ€Stack Cocrystals Based on Perylene Diimide toward Ambipolar Charge Transport. Small, 2021, 17, e2006574.	5.2	19
12	An Oligonucleotideâ€Distortionâ€Responsive Organic Transistor for Platinumâ€Drugâ€Induced DNAâ€Damage Detection. Advanced Materials, 2021, 33, e2100489.	11.1	10
13	Crystal-to-Crystal Transformation from K2[Co(C2O4)2(H2O)2]Â·4H2O to K2[Co(Î¼-C2O4)(C2O4)]. Magnetochemistry, 2021, 7, 77.	1.0	2
14	Enhanced thermoelectric performance of pentacene via surface charge transfer doping in a sandwich structure. Applied Physics Letters, 2021, 118, 253302.	1.5	5
15	Advances in organic thermoelectric materials and devices for smart applications. SmartMat, 2021, 2, 426-445.	6.4	62
16	Ionâ€Gating Engineering of Organic Semiconductors toward Multifunctional Devices. Advanced Functional Materials, 2021, 31, 2102149.	7.8	13
17	An organic transistor with light intensity-dependent active photoadaptation. Nature Electronics, 2021, 4, 522-529.	13.1	83
18	Recent Advances in Molecular Design of Organic Thermoelectric Materials. CCS Chemistry, 2021, 3, 2212-2225.	4.6	26

#	Article	IF	Citations
19	Electronic structure engineering in organic thermoelectric materials. Journal of Energy Chemistry, 2021, 62, 204-219.	7.1	30
20	Inside Front Cover: Volume 2 Issue 4. SmartMat, 2021, 2, .	6.4	0
21	Single cycloparaphenylene molecule devices: Achieving large conductance modulation via tuning radial Ï€-conjugation. Science Advances, 2021, 7, eabk3095.	4.7	19
22	Backbone Structure Effect on the Thermoelectric Properties of IDTâ€Based pâ€Type Conjugated Polymers. Macromolecular Rapid Communications, 2020, 41, 1900322.	2.0	12
23	Charge transport behaviors of a novel 2:1 charge transfer complex based on coronene and HAT(CN)6. Organic Electronics, 2020, 78, 105608.	1.4	18
24	Band Engineering and Majority Carrier Switching in Isostructural Donorâ€“Acceptor Complexes DPTTAâ€F X TCNQ Crystals (X = 1, 2, 4). Advanced Science, 2020, 7, 1902456.	5.6	13
25	Highly Conducting Organicâ€“Inorganic Hybrid Copper Sulfides Cu x C 6 S 6 (x=4 or 5.5): Ligandâ€Based Oxidationâ€Induced Chemical and Electronic Structure Modulation. Angewandte Chemie, 2020, 132, 22791-22798.	1.6	2
26	Assembly of chiral 3dâ€“4f wheel-like cluster complexes with achiral ligands: single-molecule magnetic behavior and magnetocaloric effect. Inorganic Chemistry Frontiers, 2020, 7, 3340-3351.	3.0	34
27	Paramagnetic Conducting Metalâ€“Organic Frameworks with Threeâ€Dimensional Structure. Angewandte Chemie, 2020, 132, 21059-21064.	1.6	4
28	Paramagnetic Conducting Metalâ€“Organic Frameworks with Threeâ€Dimensional Structure. Angewandte Chemie - International Edition, 2020, 59, 20873-20878.	7.2	30
29	Chemical doping of organic semiconductors for thermoelectric applications. Chemical Society Reviews, 2020, 49, 7210-7228.	18.7	189
30	Highly Conducting Organicâ€“Inorganic Hybrid Copper Sulfides Cu_xC₆S₆ (x=4 or 5.5): Ligandâ€Based Oxidationâ€Induced Chemical and Electronic Structure Modulation. Angewandte Chemie - International Edition, 2020, 59, 22602-22609.	7.2	26
31	Highly Conductive Two-Dimensional Metalâ€“Organic Frameworks for Resilient Lithium Storage with Superb Rate Capability. ACS Nano, 2020, 14, 12016-12026.	7.3	207
32	Highly Conductive Cobalt Perthiolated Coronene Complex for Efficient Hydrogen Evolution. Chemistry - A European Journal, 2020, 26, 12868-12873.	1.7	15
33	Nanorods of a novel highly conductive 2D metalâ€“organic framework based on perthiolated coronene for thermoelectric conversion. Journal of Materials Chemistry C, 2020, 8, 8199-8205.	2.7	30
34	Advances in Organic Transistorâ€Based Biosensors. Advanced Materials Technologies, 2020, 5, .	3.0	43
35	Enhanced Thermoelectric Performance of nâ€Type Organic Semiconductor via Electric Field Modulated Photoâ€Thermoelectric Effect. Advanced Materials, 2020, 32, e2000273.	11.1	31
36	Engineering the Doping Efficiency in Pentacene Thin Films for High Thermoelectric Performance. ACS Applied Materials & Interfaces, 2020, 12, 29540-29548.	4.0	4

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37	A thermally activated and highly miscible dopant for n-type organic thermoelectrics. Nature Communications, 2020, 11, 3292.	5.8	105
38	Synthetic Route to a Triphenylenehexaselenol-Based Metal Organic Framework with Semi-conductive and Glassy Magnetic Properties. IScience, 2020, 23, 100812.	1.9	39
39	Zn2Ln2 complexes with carbonate bridges formed by the fixation of carbon dioxide in the atmosphere: single-molecule magnet behaviour and magnetocaloric effect. Dalton Transactions, 2020, 49, 2121-2128.	1.6	21
40	Organic topological insulators (OTI): a dream coming true?. National Science Review, 2020, 7, 996-997.	4.6	7
41	Tunable Thiolate Coordination Networks on Metal Surfaces. ChemNanoMat, 2020, 6, 1479-1484.	1.5	14
42	Highâ€Performance Polymer Solar Cells Achieved by Introducing Sideâ€Chain Heteroatom on Smallâ€Molecule Electron Acceptor. Macromolecular Rapid Communications, 2019, 40, e1800393.	2.0	30
43	Both magnetic relaxation and luminescence of Zn₂Dy₂ cluster complexes regulated by the bis-imine chain in Schiff base ligands. New Journal of Chemistry, 2019, 43, 14502-14510.	1.4	17
44	Enantiopure Chiral Two-dimensional Sinusoidal Lanthanide(III) Coordination Polymers Based on R-/S-2-Methylglutarate: Luminescence, Magnetic Entropy Change, and Magnetic Relaxation. Crystal Growth and Design, 2019, 19, 4731-4737.	1.4	13
45	Superexchange Induced Charge Transport in Organic Donorâ€“Acceptor Cocrystals and Copolymers: A Theoretical Perspective. Chemistry of Materials, 2019, 31, 6424-6434.	3.2	39
46	Investigation of Electrode Electrochemical Reactions in CH₃NH₃PbBr₃ Perovskite Singleâ€Crystal Fieldâ€Effect Transistors. Advanced Materials, 2019, 31, e1902618.	11.1	74
47	Organic Single-Crystal Spintronics: Magnetoresistance Devices with High Magnetic-Field Sensitivity. ACS Nano, 2019, 13, 9491-9497.	7.3	20
48	Seleniumâ€Substituted Diketopyrrolopyrrole Polymer for Highâ€Performance pâ€Type Organic Thermoelectric Materials. Angewandte Chemie - International Edition, 2019, 58, 18994-18999.	7.2	136
49	Mimicking Sensory Adaptation with Dielectric Engineered Organic Transistors. Advanced Materials, 2019, 31, e1905018.	11.1	26
50	Seleniumâ€Substituted Diketopyrrolopyrrole Polymer for Highâ€Performance pâ€Type Organic Thermoelectric Materials. Angewandte Chemie, 2019, 131, 19170-19175.	1.6	18
51	Monolayer organic field-effect transistors. Science China Chemistry, 2019, 62, 313-330.	4.2	54
52	A Flexible Selfâ€Powered Sensing Element with Integrated Organic Thermoelectric Generator. Advanced Materials Technologies, 2019, 4, 1900247.	3.0	64
53	Enabling Multifunctional Organic Transistors with Fine-Tuned Charge Transport. Accounts of Chemical Research, 2019, 52, 1113-1124.	7.6	41
54	[Cu₃(C₆Se₆)]_n: The First Highly Conductive 2D Fâ€“d Conjugated Coordination Polymer Based on Benzenehexaselenolate. Advanced Science, 2019, 6, 1802235.	5.6	68

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55	Cholesteric Aggregation at the Quinoidal-to-Diradical Border Enabled Stable n-Doped Conductor. CheM, 2019, 5, 964-976.	5.8	79
56	Advances in nâ€Type Organic Thermoelectric Materials and Devices. Advanced Electronic Materials, 2019, 5, 1800825.	2.6	142
57	Titelbild: Seleniumâ€Substituted Diketopyrrolopyrrole Polymer for Highâ€Performance pâ€Type Organic Thermoelectric Materials (Angew. Chem. 52/2019). Angewandte Chemie, 2019, 131, 18893-18893.	1.6	1
58	Organic Adaptive Transistors: Mimicking Sensory Adaptation with Dielectric Engineered Organic Transistors (Adv. Mater. 48/2019). Advanced Materials, 2019, 31, 1970342.	11.1	1
59	Optimization of the thermoelectric performance of layer-by-layer structured copper-phthalocyanine (CuPc) thin films doped with hexacyano-trimethylene-cyclopropane (CN6-CP). RSC Advances, 2019, 9, 31840-31845.	1.7	13
60	Diketopyrrolopyrrole based small molecular semiconductors containing thiazole units for solution-processed n-channel thin-film transistors. Dyes and Pigments, 2019, 163, 707-714.	2.0	10
61	Anisotropic Magnetoresistance in NiFe-Based Polymer Spin Valves. ACS Applied Materials & Interfaces, 2019, 11, 11654-11659.	4.0	11
62	Rolling up transition metal dichalcogenide nanoscrolls via one drop of ethanol. Nature Communications, 2018, 9, 1301.	5.8	117
63	Correlation between Seebeck coefficient and transport energy level in poly(3-hexylthiophene). Organic Electronics, 2018, 56, 125-128.	1.4	23
64	Superconductivity in a Copper(II)â€Based Coordination Polymer with Perfect Kagome Structure. Angewandte Chemie, 2018, 130, 152-156.	1.6	43
65	Molecular antenna tailored organic thin-film transistors for sensing application. Materials Horizons, 2018, 5, 240-247.	6.4	48
66	Polymer-Assisted Single Crystal Engineering of Organic Semiconductors To Alter Electron Transport. ACS Applied Materials & Interfaces, 2018, 10, 11837-11842.	4.0	15
67	Quantum Spin Liquid from a Three-Dimensional Copper-Oxalate Framework. Journal of the American Chemical Society, 2018, 140, 122-125.	6.6	22
68	Molecular materials and devices: an interdisciplinary field of research. Materials Chemistry Frontiers, 2018, 2, 10-10.	3.2	6
69	Superconductivity in a Copper(II)â€Based Coordination Polymer with Perfect Kagome Structure. Angewandte Chemie - International Edition, 2018, 57, 146-150.	7.2	233
70	A homochiral Znâ€“Dy heterometallic left-handed helical chain complex without chiral ligands: anion-induced assembly and multifunctional integration. Chemical Communications, 2018, 54, 13379-13382.	2.2	42
71	Reliable Spin Valves of Conjugated Polymer Based on Mechanically Transferrable Top Electrodes. ACS Nano, 2018, 12, 12657-12664.	7.3	34
72	Ambipolar charge transport in an organic/inorganic van der Waals pâ€“n heterojunction. Journal of Materials Chemistry C, 2018, 6, 12976-12980.	2.7	12

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73	Highly Conducting Neutral Coordination Polymer with Infinite Two-Dimensional Silverâ€“Sulfur Networks. Journal of the American Chemical Society, 2018, 140, 15153-15156.	6.6	97
74	Enhancing the nâ€Type Conductivity and Thermoelectric Performance of Donorâ€“Acceptor Copolymers through Donor Engineering. Advanced Materials, 2018, 30, e1802850.	11.1	169
75	Exploring Peltier effect in organic thermoelectric films. Nature Communications, 2018, 9, 3586.	5.8	65
76	Bottom-up growth of n-type monolayer molecular crystals on polymeric substrate for optoelectronic device applications. Nature Communications, 2018, 9, 2933.	5.8	118
77	Highly Conducting Polythiophene Thin Films with Less Ordered Microstructure Displaying Excellent Thermoelectric Performance. Macromolecular Rapid Communications, 2018, 39, e1800283.	2.0	21
78	Cuâ€“Thienoquinone Charge-Transfer Complex: Synthesis, Characterization, and Application in Organic Transistors. ACS Applied Materials & Interfaces, 2018, 10, 26451-26455.	4.0	6
79	Single-Molecule Magnet Behavior of 1D Coordination Polymers Based on DyZn₂(salen)₂ Units and Pyridin-N-Oxide-4-Carboxylate: Structural Divergence and Magnetic Regulation. Inorganic Chemistry, 2018, 57, 11077-11086.	1.9	34
80	Arraying Octahedral {Cr2Dy4} Units into 3D Single-Molecule-Magnet-Like Inorganic Compounds with Sulfate Bridges. Inorganic Chemistry, 2018, 57, 6803-6806.	1.9	13
81	Thermoelectric properties of metal-(Z)-1,2-dihydroselenoethene-1,2-dithiol coordination polymers. Science Bulletin, 2018, 63, 814-816.	4.3	13
82	Insight into thin-film stacking modes of Ï€-expanded quinoidal molecules on charge transport property via side-chain engineering. Journal of Materials Chemistry C, 2017, 5, 1935-1943.	2.7	24
83	Metal-organic complexes-towards promising organic thermoelectric materials. Synthetic Metals, 2017, 225, 22-30.	2.1	35
84	A Dualâ€Organicâ€Transistorâ€Based Tactileâ€Perception System with Signalâ€Processing Functionality. Advanced Materials, 2017, 29, 1606088.	11.1	213
85	Simultaneous assembly of mononuclear and dinuclear dysprosium(III) complexes behaving as single-molecule magnets in a one-pot hydrothermal synthesis. Science China Chemistry, 2017, 60, 358-365.	4.2	15
86	(BEDTâ€TTF)₂Cu₂(HCOO)₅: An Organicâ€“Inorganic Hybrid Conducting Magnet. ChemistryOpen, 2017, 6, 320-324.	0.9	4
87	Critical Role of Molecular Symmetry for Charge Transport Properties: A Paradigm Learned from Quinoidal Bithieno[3,4-b]thiophenes. Chemistry of Materials, 2017, 29, 4999-5008.	3.2	24
88	Inverse Magnetoresistance in Polymer Spin Valves. ACS Applied Materials & Interfaces, 2017, 9, 15644-15651.	4.0	35
89	PPN (poly-peri-naphthalene) film as a narrow-bandgap organic thermoelectric material. Journal of Materials Chemistry A, 2017, 5, 9891-9896.	5.2	14
90	Thermally Activated Tunneling Transition in a Photoswitchable Single-Molecule Electrical Junction. Journal of Physical Chemistry Letters, 2017, 8, 2849-2854.	2.1	27

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91	Organic Donorâ€“Acceptor Complexes as Novel Organic Semiconductors. Accounts of Chemical Research, 2017, 50, 1654-1662.	7.6	296
92	Recent advances in organic polymer thermoelectric composites. Journal of Materials Chemistry C, 2017, 5, 4350-4360.	2.7	207
93	Organic transistor for bioelectronic applications. Science China Chemistry, 2017, 60, 437-449.	4.2	22
94	Tris(S,S-dioxide)-trithiasumanene: strong fluorescence and cocrystal with 1,2,6,7,10,11-hexabutoxytriphenylene. Chemical Communications, 2017, 53, 1546-1549.	2.2	38
95	Solution-processed transparent coordination polymer electrode for photovoltaic solar cells. Nano Energy, 2017, 40, 376-381.	8.2	74
96	Trichalcogenasumanene orthoâ€Quinones: Synthesis, Properties, and Transformation into Various Heteropolycycles. Angewandte Chemie - International Edition, 2017, 56, 13470-13474.	7.2	38
97	Trichalcogenasumanene orthoâ€Quinones: Synthesis, Properties, and Transformation into Various Heteropolycycles. Angewandte Chemie, 2017, 129, 13655-13659.	1.6	13
98	A Chinese Pane-Like 2D Metal-Organic Framework Showing Magnetic Relaxation and Luminescence Dual-Functions. Scientific Reports, 2017, 7, 11156.	1.6	20
99	Flexible unipolar thermoelectric devices based on patterned poly[K_x(Ni-ethylenetetrathiolate)] thin films. Materials Chemistry Frontiers, 2017, 1, 2111-2116.	3.2	28
100	Conjugated-Backbone Effect of Organic Small Molecules for n-Type Thermoelectric Materials with ZT over 0.2. Journal of the American Chemical Society, 2017, 139, 13013-13023.	6.6	215
101	Efficient Solution-Processed n-Type Small-Molecule Thermoelectric Materials Achieved by Precisely Regulating Energy Level of Organic Dopants. ACS Applied Materials & Interfaces, 2017, 9, 28795-28801.	4.0	78
102	Fine Tuning the Energy Barrier of Molecular Nanomagnets via Lattice Solvent Molecules. Scientific Reports, 2017, 7, 15483.	1.6	16
103	Conductive Copper Benzenehexathiol Coordination Polymer as a Hydrogen Evolution Catalyst. ACS Applied Materials & Interfaces, 2017, 9, 40752-40759.	4.0	129
104	The highly conducting carbon electrodes derived from spin-coated polyacrylonitrile films. Science China Chemistry, 2016, 59, 672-678.	4.2	7
105	Impact of MoO3 interlayer on the energy level alignment of pentacene-C60 heterostructure. Journal of Chemical Physics, 2016, 144, 084706.	1.2	16
106	Ambipolar organic field-effect transistors based on diketopyrrolopyrrole derivatives containing different Ï€-conjugating spacers. Journal of Materials Chemistry C, 2016, 4, 4470-4477.	2.7	37
107	A 3D MOF constructed from dysprosium(<scp>iii</scp>) oxalate and capping ligands: ferromagnetic coupling and field-induced two-step magnetic relaxation. Chemical Communications, 2016, 52, 4804-4807.	2.2	60
108	Efficient ambipolar transport properties in alternate stacking donorâ€“acceptor complexes: from experiment to theory. Physical Chemistry Chemical Physics, 2016, 18, 14094-14103.	1.3	81

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109	Photocontrol of charge injection/extraction at electrode/semiconductor interfaces for high-photoresponsivity organic transistors. Journal of Materials Chemistry C, 2016, 4, 5289-5296.	2.7	29
110	Field-Induced Relaxation of Magnetization in a Three-Dimensional LnMOF with the Second Bridging Ligand Squarate. ACS Omega, 2016, 1, 286-292.	1.6	15
111	Organic Electronics: Pursuing Highâ€Mobility nâ€Type Organic Semiconductors by Combination of â€œMoleculeâ€Frameworkâ€•and â€œSideâ€Chainâ€•Engineering (Adv. Mater. 38/2016). Advanced Materials, 2016, 28, 8455-8455.	16.1	0
112	Bismuth Interfacial Doping of Organic Small Molecules for High Performance nâ€type Thermoelectric Materials. Angewandte Chemie - International Edition, 2016, 55, 10672-10675.	7.2	77
113	Special topic on molecular functional materials and applications. Science China Chemistry, 2016, 59, 651-652.	4.2	0
114	[BEDT-TTF][Fe(C2O4)Cl2]: an organicâ€“inorganic hybrid semiconductive antiferromagnet. Dalton Transactions, 2016, 45, 16561-16565.	1.6	4
115	Two-step warming solvothermal syntheses, luminescence and slow magnetic relaxation of isostructural dense LnMOFs based on nanoscale 3-connected linkers. Inorganic Chemistry Frontiers, 2016, 3, 1076-1081.	3.0	32
116	Pursuing Highâ€Mobility nâ€Type Organic Semiconductors by Combination of â€œMoleculeâ€Frameworkâ€•and â€œSideâ€Chainâ€•Engineering. Advanced Materials, 2016, 28, 8456-8462.	11.1	93
117	Bismuth Interfacial Doping of Organic Small Molecules for High Performance nâ€type Thermoelectric Materials. Angewandte Chemie, 2016, 128, 10830-10833.	1.6	10
118	Optimization of the thermoelectric properties of poly(nickel-ethylenetetrathiolate) synthesized via potentiostatic deposition. Science China Chemistry, 2016, 59, 1323-1329.	4.2	25
119	Organic thermoelectrics for green energy. National Science Review, 2016, 3, 269-271.	4.6	36
120	Device Engineered Organic Transistors for Flexible Sensing Applications. Advanced Materials, 2016, 28, 4549-4555.	11.1	143
121	Flexible nâ€Type Highâ€Performance Thermoelectric Thin Films of Poly(nickelâ€ethylenetetrathiolate) Prepared by an Electrochemical Method. Advanced Materials, 2016, 28, 3351-3358.	11.1	206
122	Step by step crystal-to-crystal transformation from 1D K₂Cu(C₂O₄)₂(H₂O)₄(1) to 1D K₂Cu(C₂O₄)₂(H₂O)₂(2) and then 1D K₂Cu(C₂O₄)₂(3) by dehydration. CrystEngComm, 2016, 18, 5062-5065.	1.3	5
123	Organic Cocrystal Photovoltaic Behavior: A Model System to Study Charge Recombination of C₆₀ and C₇₀ at the Molecular Level. Advanced Electronic Materials, 2016, 2, 1500423.	2.6	42
124	Two soluble polymers with lower ionization potentials: doping and thermoelectric properties. Journal of Materials Chemistry A, 2016, 4, 1432-1439.	5.2	18
125	Ï€-Conjugated dithieno[3,2-b:2â€²,3â€²-d]pyrrole (DTP) oligomers for organic thin-film transistors. RSC Advances, 2016, 6, 4872-4876.	1.7	13
126	Crystal-to-crystal transformation from a chain compound to a layered coordination polymer. Dalton Transactions, 2016, 45, 89-92.	1.6	10

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127	High-Performance Electron Acceptor with Thienyl Side Chains for Organic Photovoltaics. Journal of the American Chemical Society, 2016, 138, 4955-4961.	6.6	915
128	Donorâ€“acceptor co-assembled supramolecular nanofibers with high and well-balanced ambipolar charge transport properties under ambient conditions. Chemical Communications, 2016, 52, 4648-4651.	2.2	18
129	Synergistic Photomodulation of Capacitive Coupling and Charge Separation Toward Functional Organic Fieldâ€Effect Transistors with High Responsivity. Advanced Electronic Materials, 2015, 1, 1500159.	2.6	28
130	Sensitive Flexible Magnetic Sensors using Organic Transistors with Magneticâ€Functionalized Suspended Gate Electrodes. Advanced Materials, 2015, 27, 7979-7985.	11.1	52
131	Toward High Performance n-Type Thermoelectric Materials by Rational Modification of BDPPV Backbones. Journal of the American Chemical Society, 2015, 137, 6979-6982.	6.6	345
132	Multiple thermal magnetic relaxation in a two-dimensional ferromagnetic dysprosium(<scp>iii</scp>) metalâ€“organic framework. RSC Advances, 2015, 5, 104854-104861.	1.7	28
133	An Electron Acceptor Challenging Fullerenes for Efficient Polymer Solar Cells. Advanced Materials, 2015, 27, 1170-1174.	11.1	3,365
134	n-Type thermoelectric materials based on CuTCNQ nanocrystals and CuTCNQ nanorod arrays. Journal of Materials Chemistry A, 2015, 3, 2677-2683.	5.2	25
135	A two-dimensional Ï€â€“d conjugated coordination polymer with extremely high electrical conductivity and ambipolar transport behaviour. Nature Communications, 2015, 6, 7408.	5.8	609
136	Thiophene-Diketopyrrolopyrrole-Based Quinoidal Small Molecules as Solution-Processable and Air-Stable Organic Semiconductors: Tuning of the Length and Branching Position of the Alkyl Side Chain toward a High-Performance n-Channel Organic Field-Effect Transistor. ACS Applied Materials & Interfaces, 2015, 7, 15978-15987.	4.0	93
137	Slow magnetic relaxation of a three-dimensional metalâ€“organic framework featuring a unique dysprosium(iii) oxalate layer. RSC Advances, 2015, 5, 63186-63192.	1.7	21
138	Single-bundle nanofiber based OFETs fabricated from a cyclic conjugated organogelator with high field-effect mobility and high photoresponsivity. Chemical Communications, 2015, 51, 12182-12184.	2.2	34
139	Interface-Located Photothermoelectric Effect of Organic Thermoelectric Materials in Enabling NIR Detection. ACS Applied Materials & Interfaces, 2015, 7, 8968-8973.	4.0	45
140	Flexible suspended gate organic thin-film transistors for ultra-sensitive pressure detection. Nature Communications, 2015, 6, 6269.	5.8	473
141	Low-bandgap thieno[3,4-c]pyrrole-4,6-dione-polymers for high-performance solar cells with significantly enhanced photocurrents. Journal of Materials Chemistry A, 2015, 3, 11194-11198.	5.2	35
142	Modulated Thermoelectric Properties of Organic Semiconductors Using Fieldâ€Effect Transistors. Advanced Functional Materials, 2015, 25, 3004-3012.	7.8	94
143	Flexible and self-powered temperatureâ€“pressure dual-parameter sensors using microstructure-frame-supported organic thermoelectric materials. Nature Communications, 2015, 6, 8356.	5.8	453
144	Luminescence and slow magnetic relaxation of isostructural 2D lanthanide metalâ€“organic frameworks derived from both nicotinate N-oxide and glutarate. RSC Advances, 2015, 5, 92980-92987.	1.7	25

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145	High-performance fullerene-free polymer solar cells with 6.31% efficiency. Energy and Environmental Science, 2015, 8, 610-616.	15.6	587
146	Advances of flexible pressure sensors toward artificial intelligence and health care applications. Materials Horizons, 2015, 2, 140-156.	6.4	995
147	Inkjet-printed flexible organic thin-film thermoelectric devices based on p- and n-type poly(metal) Tj ETQq1 1 0.784314 rgBT /Overlock 1 Series A, Mathematical, Physical, and Engineering Sciences, 2014, 372, 20130008.	1.6	116
148	Trinuclear [Co^{III}₂â€“Ln^{III}] (Ln=Tb, Dy) Singleâ€Ion Magnets with Mixed 6â€Chloroâ€2â€Hydroxypyridine and Schiff Base Ligands. Chemistry - an Asian Journal, 2014, 9, 1847-1853.	1.7	40
149	Solar Cells: A Starâ€Shaped Perylene Diimide Electron Acceptor for Highâ€Performance Organic Solar Cells (Adv. Mater. 30/2014). Advanced Materials, 2014, 26, 5224-5224.	11.1	3
150	Specific and Reproducible Gas Sensors Utilizing Gasâ€Phase Chemical Reaction on Organic Transistors. Advanced Materials, 2014, 26, 2862-2867.	11.1	86
151	Smallâ€Molecule Solar Cells with Fill Factors up to 0.75 via a Layerâ€byâ€Layer Solution Process. Advanced Energy Materials, 2014, 4, 1300626.	10.2	90
152	A chiral macrocyclic receptor for sulfate anions with CD signals. RSC Advances, 2014, 4, 2023-2028.	1.7	5
153	A novel cuprous ethylenetetrathiolate coordination polymer: Structure characterization, thermoelectric property optimization and a bulk thermogenerator demonstration. Synthetic Metals, 2014, 193, 1-7.	2.1	32
154	Synthesis, Crystal Structure, and Characterization of the Charge-Transfer Salt (BEDT-TTF)[Fe(C2O4)Cl2](CH2Cl2), {BEDT-TTF = Bis(ethylenedithio)tetrathiafulvalene}. European Journal of Inorganic Chemistry, 2014, 2014, 4028-4032.	1.0	7
155	Organic Thermoelectric Materials: Emerging Green Energy Materials Converting Heat to Electricity Directly and Efficiently. Advanced Materials, 2014, 26, 6829-6851.	11.1	773
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