

Yi Zhang

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.

128
papers

8,125
citations

44
h-index

89
g-index

142
ext. papers

9,890
ext. citations

10.3
avg, IF

6.27
L-index

#	Paper	IF	Citations
128	Domain memory effect in the organic ferroics.. <i>Nature Communications</i> , 2022 , 13, 2379	17.4	2
127	A hybrid hydrochromic molecular crystal applicable to invisible ink with high reversibility. <i>New Journal of Chemistry</i> , 2021 , 45, 21006-21010	3.6	0
126	Organic-Inorganic Hybrid Crystal [1-methylpiperidinium] ₂ [ZnCl ₄] with High T _c Phase Transition and Dielectric Switches. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 4307	2.3	0
125	Tuning Dielectric Transitions in Two-Dimensional Organic-Inorganic Hybrid Lead Halide Perovskites. <i>Inorganic Chemistry</i> , 2021 , 60, 16871-16877	5.1	2
124	H/F substitution for advanced molecular ferroelectrics. <i>Trends in Chemistry</i> , 2021 ,	14.8	6
123	In Situ Observation of Ferroelastic Domain and Phase Transition in a Three-Dimensional Molecular Crystal. <i>Chemistry - A European Journal</i> , 2021 , 27, 17655	4.8	0
122	Optically Induced Ferroelectric Polarization Switching in a Molecular Ferroelectric with Reversible Photoisomerization. <i>Advanced Science</i> , 2021 , 8, e2102614	13.6	7
121	Unprecedented 2D Homochiral Hybrid Lead-Iodide Perovskite Thermochromic Ferroelectrics with Ferroelastic Switching. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 10730-10735	16.4	33
120	Unprecedented 2D Homochiral Hybrid Lead-Iodide Perovskite Thermochromic Ferroelectrics with Ferroelastic Switching. <i>Angewandte Chemie</i> , 2021 , 133, 10825-10830	3.6	7
119	A Photoluminescent Lead Bromide Hybrid Perovskite Molecular Ferroelastic Semiconductor with Sequential High- Phase Transitions. <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 5221-5227	6.4	1
118	Evident Dielectric Relaxation in an Organic-Inorganic Halide Perovskite. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 2749-2754	2.3	1
117	Eco-Friendly and Highly Efficient Light-Emission Ferroelectric Scintillators by Precise Molecular Design. <i>Advanced Functional Materials</i> , 2021 , 31, 2102848	15.6	12
116	A high-T _c organic-ionic phase transition crystal obtained from a trivalent cation. <i>CrystEngComm</i> , 2021 , 23, 264-267	3.3	0
115	A high-temperature halide perovskite molecular ferroelastic with evident dielectric switching. <i>Inorganic Chemistry Frontiers</i> , 2021 , 8, 1197-1204	6.8	2
114	Large Electrostrictive Coefficient in a Two-Dimensional Hybrid Perovskite Ferroelectric. <i>Journal of the American Chemical Society</i> , 2021 , 143, 1664-1672	16.4	37
113	Temperature-Induced Reversible Phase Transition with Switchable Dielectric Response in a A ₂ BX ₄ -Type Hybrid Compound: [TEAMA] ₂ [CdBr ₄] (TEAMA=(CH ₃ CH ₂) ₃ NCH ₃). <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 597-600	2.3	1
112	A-site cation with high vibrational motion in ABX perovskite effectively induces dielectric phase transition. <i>Dalton Transactions</i> , 2021 , 50, 3841-3847	4.3	6

111	Homochiral one-dimensional ABX ₃ lead halide perovskites with high-T _c quadratic nonlinear optical and dielectric switchings. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 4756-4763	7.8	11
110	Unique cation-template three-dimensional hybrid material demonstrates dielectric switchable response. <i>Dalton Transactions</i> , 2021 , 50, 10142-10146	4.3	3
109	X-site doping in ABX ₃ triggers phase transition and higher T _c of the dielectric switch in perovskite. <i>Chinese Chemical Letters</i> , 2021 ,	8.1	4
108	Ferroelastic Hybrid Bismuth Bromides with Dual Dielectric Switches. <i>Chemistry of Materials</i> , 2021 , 33, 5790-5799	9.6	6
107	A hybrid multifunctional perovskite with dielectric phase transition and broadband red-light emission. <i>Journal of Molecular Structure</i> , 2021 , 1239, 130468	3.4	1
106	Salicylideneaniline is a Photoswitchable Ferroelectric Crystal. <i>Chemistry - A European Journal</i> , 2021 , 27, 14831-14835	4.8	4
105	Halogen regulation triggers NLO and dielectric dual switches in hybrid compounds with green fluorescence. <i>Inorganic Chemistry Frontiers</i> , 2021 , 8, 4230-4238	6.8	1
104	Centimeter-Sized Single Crystals of Two-Dimensional Hybrid Iodide Double Perovskite (4,4-Difluoropiperidinium)4AgBiI ₈ for High-Temperature Ferroelectricity and Efficient X-Ray Detection. <i>Advanced Functional Materials</i> , 2021 , 31, 2009457	15.6	57
103	Competing hydrogen-bonding interactions in a high-T _c organic molecular-ionic crystal with evident nonlinear optical response. <i>CrystEngComm</i> , 2021 , 23, 2509-2512	3.3	1
102	Monofluorine substitution achieved high-T _c dielectric transition in a one-dimensional lead bromide hybrid photoluminescent perovskite semiconductor. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 2842-2848	7.8	1
101	Exploration of the intrinsic factors limiting the photocurrent density in ferroelectric BiFeO ₃ thin film. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 6863-6873	13	14
100	Superior Transverse Piezoelectricity in a Halide Perovskite Molecular Ferroelectric Thin Film. <i>Journal of the American Chemical Society</i> , 2020 , 142, 12857-12864	16.4	24
99	Nonlinear Optical and Photoluminescence Bistable Responses Accompanied by Tunable Dielectric Behaviors in Crown Inclusions. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 5796-5801	3.8	4
98	A Three-Dimensional Lead Halide Perovskite-Related Ferroelectric. <i>Journal of the American Chemical Society</i> , 2020 , 142, 4604-4608	16.4	50
97	Large Piezoelectric Response in Hybrid Rare-Earth Double Perovskite Relaxor Ferroelectrics. <i>Journal of the American Chemical Society</i> , 2020 , 142, 9634-9641	16.4	40
96	Hybrid Organic-Inorganic Antiperovskites. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 167-171	16.4	9
95	Halogen substitution regulates the phase transition temperature and band gap of semiconductor compounds. <i>Chemical Communications</i> , 2020 , 56, 1697-1700	5.8	7
94	Piezoelectric Energy Harvesting Based on Multiaxial Ferroelectrics by Precise Molecular Design. <i>Matter</i> , 2020 , 2, 697-710	12.7	44

93	Metal-organic ferroelectric complexes: enantiomer directional induction achieved above-room-temperature homochiral molecular ferroelectrics. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 128-133	6.8	3
92	Highly Efficient and Uncommon Photoluminescence Behavior Combined with Multiple Dielectric Response in Manganese(II) Based Hybrid Phase Transition Compounds. <i>European Journal of Inorganic Chemistry</i> , 2020 , 2020, 394-399	2.3	6
91	A Molecular Thermochromic Ferroelectric. <i>Angewandte Chemie</i> , 2020 , 132, 3523-3527	3.6	9
90	Two-Dimensional Organic-Inorganic Hybrid Rare-Earth Double Perovskite Ferroelectrics. <i>Journal of the American Chemical Society</i> , 2020 , 142, 545-551	16.4	100
89	A Molecular Thermochromic Ferroelectric. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 3495-3498	16.4	36
88	Hybrid Organic-Inorganic Antiperovskites. <i>Angewandte Chemie</i> , 2020 , 132, 173-177	3.6	2
87	Methylphosphonium Tin Bromide: A 3D Perovskite Molecular Ferroelectric Semiconductor. <i>Advanced Materials</i> , 2020 , 32, e2005213	24	26
86	A layered hybrid rare-earth double-perovskite-type molecule-based compound with electrical and optical response properties. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 16349-16353	7.1	4
85	Above room-temperature dielectric switching and semiconducting properties of a layered organic-inorganic hybrid compound: (CHN)Pb(NO). <i>Dalton Transactions</i> , 2020 , 49, 16860-16865	4.3	0
84	Methylation Design Strategy to Trigger a Dual Dielectric Switch and Improve the Phase Transition Temperature. <i>Inorganic Chemistry</i> , 2020 , 59, 16635-16643	5.1	4
83	H/F-Substitution-Induced Homochirality for Designing High-T Molecular Perovskite Ferroelectrics. <i>Advanced Materials</i> , 2019 , 31, e1902163	24	72
82	Above Room Temperature Reversible Phase Transition Induces Distinct Dielectric and Nonlinear Optical Switching Response Behavior in Crown-Ether-Based Supramolecular Clathrate. <i>Crystals</i> , 2019 , 9, 184	2.3	2
81	The First 2D Homochiral Lead Iodide Perovskite Ferroelectrics: [R- and S-1-(4-Chlorophenyl)ethylammonium] Pbl. <i>Advanced Materials</i> , 2019 , 31, e1808088	24	169
80	Tunable relaxation type and switch type response triggered by phase transition in 3,4-difluoroanilinium 18-crown-6 tetrafluoroborate. <i>Inorganic Chemistry Communication</i> , 2019 , 103, 67-71	7.1	2
79	A molecular perovskite solid solution with piezoelectricity stronger than lead zirconate titanate. <i>Science</i> , 2019 , 363, 1206-1210	33.3	253
78	Sequential Phase Transitions with Switchable Dielectric Constant in a Metal-Free Ionic Crystal. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 2443-2447	2.3	2
77	Fluoridation Achieved Antiperovskite Molecular Ferroelectric in [(CH)(F-CHCH)NH](CdCl)(CdCl). <i>Journal of the American Chemical Society</i> , 2019 , 141, 4372-4378	16.4	45
76	The distinguishing of cis-trans isomers enabled via dielectric/ferroelectric signal feedback in a supramolecular Cu(1,10-phenanthroline)2SeO4[(diol)] system. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 11022-11028	7.1	3

75	Fluorination observed T increase of 110 K is challenging the hydrogen-deuterium isotope effect. <i>Chemical Communications</i> , 2019 , 55, 10007-10010	5.8	13
74	High-Temperature Dielectric Switching and Photoluminescence in a Corrugated Lead Bromide Layer Hybrid Perovskite Semiconductor. <i>Inorganic Chemistry</i> , 2019 , 58, 10357-10363	5.1	23
73	Temperature-Triggered Switchable Dielectric Constants in Zinc-Based Hybrid Organic-Inorganic Compounds: $(C_3H_6NH_2)_2[ZnX_4]$ (X = Cl and Br). <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 4601-4604	2.3	4
72	$(H_2dabco)[Na(BF_4)_3]$: an ABX ₃ -type inorganic-organic hybrid perovskite compound exhibiting dielectric switching above room-temperature. <i>CrystEngComm</i> , 2019 , 21, 7043-7047	3.3	7
71	Tunable dielectric transitions in layered organic-inorganic hybrid perovskite-type compounds: $[NH(CH)Cl][CdClBr]$ (x = 0, 1/4, 1). <i>Dalton Transactions</i> , 2018 , 47, 7005-7012	4.3	13
70	The Narrowest Band Gap Ever Observed in Molecular Ferroelectrics: Hexane-1,6-diammonium Pentaiodobismuth(III). <i>Angewandte Chemie</i> , 2018 , 130, 535-539	3.6	23
69	Unusual high-temperature reversible phase transition containing dielectric and nonlinear optical switches in host-guest supramolecular crown ether clathrates. <i>Chemical Communications</i> , 2018 , 54, 8076-8079	5.8	12
68	Experimental Evidence for a Triboluminescent Antiperovskite Ferroelectric: Tris(trimethylammonium) catena-Tri-Chloro-manganate(II) Tetrachloromanganate(II). <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 11939-11942	16.4	20
67	Metal-free three-dimensional perovskite ferroelectrics. <i>Science</i> , 2018 , 361, 151-155	33.3	360
66	Photoluminescence of Sn ²⁺ -Mixed molecular perovskites. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 8349-8352	7.1	14
65	The Narrowest Band Gap Ever Observed in Molecular Ferroelectrics: Hexane-1,6-diammonium Pentaiodobismuth(III). <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 526-530	16.4	59
64	$[C_7H_{14}NO][ClO_4]$: order-disorder structural change induced sudden switchable dielectric behaviour at room temperature. <i>CrystEngComm</i> , 2018 , 20, 7058-7061	3.3	8
63	High quantum yield and unusual photoluminescence behaviour in tetrahedral manganese(II) based on hybrid compounds. <i>Inorganic Chemistry Frontiers</i> , 2018 , 5, 2615-2619	6.8	28
62	Experimental Evidence for a Triboluminescent Antiperovskite Ferroelectric: Tris(trimethylammonium) catena-Tri-Chloro-manganate(II) Tetrachloromanganate(II). <i>Angewandte Chemie</i> , 2018 , 130, 12115-12118	3.6	13
61	A semiconducting molecular ferroelectric with a bandgap much lower than that of BiFeO ₃ . <i>NPG Asia Materials</i> , 2017 , 9, e342-e342	10.3	40
60	A Three-Dimensional Molecular Perovskite Ferroelectric: (3-Ammoniopyrrolidinium)RbBr. <i>Journal of the American Chemical Society</i> , 2017 , 139, 3954-3957	16.4	121
59	Dielectric and ferroelectric sensing based on molecular recognition in Cu(1,10-phenothroline)SeO ₄ (diol) systems. <i>Nature Communications</i> , 2017 , 8, 14551	17.4	29
58	Tunable Dielectric Responses Triggered by Dimensionality Modification in Organic-Inorganic Hybrid Phase Transition Compounds $(CHN)_nCdCl$ (n = 1 and 2). <i>Inorganic Chemistry</i> , 2017 , 56, 3506-3511	5.1	18

57	Switchable Nonlinear Optical and Tunable Luminescent Properties Triggered by Multiple Phase Transitions in a Perovskite-Like Compound. <i>Inorganic Chemistry</i> , 2017 , 56, 3238-3244	5.1	52
56	Prominent dielectric transitions in layered organic-inorganic hybrids: (isoamyl-ammonium) ₂ CdX ₄ (X = Cl and Br). <i>Inorganic Chemistry Frontiers</i> , 2017 , 4, 1330-1336	6.8	9
55	Unprecedented Ferroelectric-Antiferroelectric-Paraelectric Phase Transitions Discovered in an Organic-Inorganic Hybrid Perovskite. <i>Journal of the American Chemical Society</i> , 2017 , 139, 8752-8757	16.4	59
54	Switchings of dielectric constant, second harmonic generation and polarization in a polar hybrid cyanometallate crystal. <i>New Journal of Chemistry</i> , 2017 , 41, 3211-3216	3.6	10
53	Dual stimuli-triggered dielectric switching and sensing in a host-guest cyanometallate framework. <i>Chemical Communications</i> , 2017 , 53, 6077-6080	5.8	16
52	Brilliant triboluminescence in a potential organic-inorganic hybrid ferroelectric: (Ph ₃ PO) ₂ MnBr ₂ . <i>Inorganic Chemistry Frontiers</i> , 2017 , 4, 154-159	6.8	22
51	Notable Broad Dielectric Relaxation and Highly Efficient Red Photoluminescence in a Perovskite-Type Compound: (N-Methylpyrrolidinium)MnCl. <i>Inorganic Chemistry</i> , 2017 , 56, 12193-12198	5.1	28
50	A Multiaxial Molecular Ferroelectric with Highest Curie Temperature and Fastest Polarization Switching. <i>Journal of the American Chemical Society</i> , 2017 , 139, 13903-13908	16.4	67
49	Precise Molecular Design of High-T 3D Organic-Inorganic Perovskite Ferroelectric: [MeHdabco]RbI (MeHdabco = N-Methyl-1,4-diazoniabicyclo[2.2.2]octane). <i>Journal of the American Chemical Society</i> , 2017 , 139, 10897-10902	16.4	149
48	Sequential dielectric phase transitions induced by the vibrations of water molecules in an organic-inorganic hybrid halide (N-(2-ammoniummethyl)piperazinium) CuCl ₂ ·2H ₂ O. <i>Dalton Transactions</i> , 2017 , 46, 10462-10468	4.3	5
47	An organic-inorganic perovskite ferroelectric with large piezoelectric response. <i>Science</i> , 2017 , 357, 306-309	39.9	506
46	Modulating molecular structures and dielectric transitions in organic-inorganic hybrid crystals. <i>RSC Advances</i> , 2017 , 7, 52024-52029	3.7	1
45	Cation-templated cyanometallate-based supramolecular rectangular cage compounds showing dielectric transitions. <i>Inorganic Chemistry Frontiers</i> , 2017 , 4, 1304-1310	6.8	6
44	Dielectric transitions and relaxations in Ca(ii)Co(iii)-based cyanometallate frameworks with a rare (6,6)-connected nia topology. <i>Dalton Transactions</i> , 2017 , 47, 45-48	4.3	5
43	One-dimensional supramolecular columnar structure of trans-syn-trans-dicyclohexano[18]crown-6 and organic ammonium cations. <i>CrystEngComm</i> , 2016 , 18, 7959-7964	3.3	13
42	Anomalous rotary polarization discovered in homochiral organic ferroelectrics. <i>Nature Communications</i> , 2016 , 7, 13635	17.4	100
41	Rapid dielectric bistable switching materials without a time/temperature responsive blind area in the linarite-like type molecular large-size single crystals. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 9009-9020	7.1	25
40	Temperature-Triggered Dielectric-Optical Duple Switch Based on an Organic-Inorganic Hybrid Phase Transition Crystal: [C ₅ N ₂ H ₁₆] ₂ SbBr ₅ . <i>Inorganic Chemistry</i> , 2016 , 55, 7661-6	5.1	26

39	Bandgap Engineering of Lead-Halide Perovskite-Type Ferroelectrics. <i>Advanced Materials</i> , 2016 , 28, 2579-86	231
38	Structural characterization, phase transition and switchable dielectric behaviors in a new zigzag chain organic-inorganic hybrid compound: [C ₃ H ₇ NH ₃] ₂ SbI ₅ . <i>Dalton Transactions</i> , 2016 , 45, 5229-33	4.3 27
37	Dielectric and photoluminescence properties of a layered perovskite-type organic-inorganic hybrid phase transition compound: NH ₃ (CH ₂) ₅ NH ₃ MnCl ₄ . <i>Journal of Materials Chemistry C</i> , 2016 , 4, 1881-1885	7.1 53
36	Structure-Triggered High Quantum Yield Luminescence and Switchable Dielectric Properties in Manganese(II) Based Hybrid Compounds. <i>Chemistry - an Asian Journal</i> , 2016 , 11, 981-5	4.5 40
35	Symmetry breaking in molecular ferroelectrics. <i>Chemical Society Reviews</i> , 2016 , 45, 3811-27	58.5 341
34	Molecular Ferroelectric with Most Equivalent Polarization Directions Induced by the Plastic Phase Transition. <i>Journal of the American Chemical Society</i> , 2016 , 138, 13175-13178	16.4 97
33	A prominent dielectric material with extremely high-temperature and reversible phase transition in the high thermally stable perovskite-like architecture. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 6350-6358	7.1 25
32	Crystal structures, phase transitions, and switchable dielectric behaviors: comparison of a series of N-heterocyclic ammonium perchlorates. <i>Dalton Transactions</i> , 2015 , 44, 8221-31	4.3 22
31	Highly Efficient Red-Light Emission in An Organic-Inorganic Hybrid Ferroelectric: (Pyrrolidinium)MnCl ₃ . <i>Journal of the American Chemical Society</i> , 2015 , 137, 4928-31	16.4 250
30	Inorganic anion regulated phase transition in a supramolecular adduct: 4-Trifluoromethoxyanilinium hexafluorophosphate-18-crown-6. <i>Inorganic Chemistry Communication</i> , 2015 , 61, 77-81	3.1 11
29	High-Temperature Ferroelectricity and Photoluminescence in a Hybrid Organic-Inorganic Compound: (3-Pyrrolinium)MnCl ₃ . <i>Journal of the American Chemical Society</i> , 2015 , 137, 13148-54	16.4 191
28	Sequential structural transitions with distinct dielectric responses in a layered perovskite organic-inorganic hybrid material: [C ₄ H ₉ N] ₂ [PbBr ₄]. <i>Dalton Transactions</i> , 2015 , 44, 20406-12	4.3 44
27	The First Organic-Inorganic Hybrid Luminescent Multiferroic: (Pyrrolidinium)MnBr ₃ . <i>Advanced Materials</i> , 2015 , 27, 3942-6	24 199
26	A lead-halide perovskite molecular ferroelectric semiconductor. <i>Nature Communications</i> , 2015 , 6, 7338	17.4 430
25	Phase transitions and dielectric properties of a hexagonal ABX ₃ perovskite-type organic-inorganic hybrid compound: [C ₃ H ₄ NS][CdBr ₃]. <i>Dalton Transactions</i> , 2015 , 44, 10614-20	4.3 57
24	A molecular ferroelectric thin film of imidazolium perchlorate that shows superior electromechanical coupling. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 5064-8	16.4 80
23	A displacive-type metal crown ether ferroelectric compound: Ca(NO ₃) ₂ (15-crown-5). <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 6724-9	16.4 54
22	Switchable dielectric, piezoelectric, and second-harmonic generation bistability in a new improper ferroelectric above room temperature. <i>Advanced Materials</i> , 2014 , 26, 4515-20	24 111

21	Novel Phase-Transition Materials Coupled with Switchable Dielectric, Magnetic, and Optical Properties: [(CH ₃) ₄ P][FeCl ₄] and [(CH ₃) ₄ P][FeBr ₄]. <i>Chemistry of Materials</i> , 2014 , 26, 6042-6049	9.6	81
20	Above-room-temperature molecular ferroelectric and fast switchable dielectric of diisopropylammonium perchlorate. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 9957-9963	7.1	48
19	Room-temperature ABX ₃ -typed molecular ferroelectric: [C ₅ H ₉ NH ₃][CdCl ₃]. <i>Inorganic Chemistry Frontiers</i> , 2014 , 1, 118	6.8	95
18	Solid state molecular dynamic investigation of an inclusion ferroelectric: [(2,6-diisopropylanilinium)([18]crown-6)]BF ₄ . <i>Journal of the American Chemical Society</i> , 2014 , 136, 10033-40	16.4	118
17	An above-room-temperature ferroelectric organo-metal halide perovskite: (3-pyrrolinium)(CdCl ₄). <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 11242-7	16.4	139
16	Structural phase transitions of a layered organic-inorganic hybrid compound: tetra(cyclopentylammonium) decachlorotricadmate(II), [C ₅ H ₉ NH ₃] ₄ CdCl ₁₀ . <i>Inorganic Chemistry</i> , 2014 , 53, 8913-8	5.1	42
15	Crystal structure and phase transition of 2-methoxyanilinium perchlorate-18-crown-6. <i>Chinese Chemical Letters</i> , 2014 , 25, 723-726	8.1	11
14	An order-disorder ferroelectric host-guest inclusion compound. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 2114-8	16.4	105
13	Temperature-triggered reversible dielectric and nonlinear optical switch based on the one-dimensional organic-inorganic hybrid phase transition compound [C ₆ H ₁₁ NH ₃] ₂ CdCl ₄ . <i>Inorganic Chemistry</i> , 2014 , 53, 11146-51	5.1	69
12	Diisopropylammonium bromide is a high-temperature molecular ferroelectric crystal. <i>Science</i> , 2013 , 339, 425-8	33.3	583
11	Tunable and switchable dielectric constant in an amphidynamic crystal. <i>Journal of the American Chemical Society</i> , 2013 , 135, 5230-3	16.4	264
10	Reversible Phase Transition of 1,4-Diazoniabicyclo[2.2.2]octane-1-acetate-4-acetic Acid Chloride Trihydrate. <i>Crystal Growth and Design</i> , 2013 , 13, 4025-4030	3.5	35
9	4-Methoxyanilinium perchlorate 18-crown-6: a new ferroelectric with order originating in swinglike motion slowing down. <i>Physical Review Letters</i> , 2013 , 110, 257601	7.4	115
8	Above-room-temperature magnetodielectric coupling in a possible molecule-based multiferroic: triethylmethylammonium tetrabromoferrate(III). <i>Journal of the American Chemical Society</i> , 2012 , 134, 18487-90	16.4	93
7	Ferroelectricity induced by ordering of twisting motion in a molecular rotor. <i>Journal of the American Chemical Society</i> , 2012 , 134, 11044-9	16.4	140
6	Metal-organic complex ferroelectrics. <i>Chemical Society Reviews</i> , 2011 , 40, 3577-98	58.5	261
5	A Multiferroic Perdeutero Metal-Organic Framework. <i>Angewandte Chemie</i> , 2011 , 123, 12153-12157	3.6	49
4	A multiferroic perdeutero metal-organic framework. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 11947-51	16.4	291

3	Supramolecular bola-like ferroelectric: 4-methoxyanilinium tetrafluoroborate-18-crown-6. <i>Journal of the American Chemical Society</i> , 2011 , 133, 12780-6	16.4	248
2	Hybrid Optical-Electrical Perovskite Can Be a Ferroelastic Semiconductor. <i>CCS Chemistry</i> , 2021-2031	7.2	8
1	The construction of a two-dimensional organic/organic hybrid double perovskite ferroelastic with a high T _c and narrow band gap. <i>Chemical Science</i> ,	9.4	8