

Ren-Gen Xiong

List of Publications by Year in descending order

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178
papers

21,513
citations

8181

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9589

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183
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183
docs citations

183
times ranked

10414
citing authors

#	ARTICLE	IF	CITATIONS
1	Ferroelectric Metal-Organic Frameworks. <i>Chemical Reviews</i> , 2012, 112, 1163-1195.	47.7	1,189
2	An organic-inorganic perovskite ferroelectric with large piezoelectric response. <i>Science</i> , 2017, 357, 306-309.	12.6	744
3	Diisopropylammonium Bromide Is a High-Temperature Molecular Ferroelectric Crystal. <i>Science</i> , 2013, 339, 425-428.	12.6	703
4	Lead-Free Inverted Planar Formamidinium Tin Triiodide Perovskite Solar Cells Achieving Power Conversion Efficiencies up to 6.22%. <i>Advanced Materials</i> , 2016, 28, 9333-9340.	21.0	636
5	Low-bandgap mixed tin-lead iodide perovskite absorbers with long carrier lifetimes for all-perovskite tandem solar cells. <i>Nature Energy</i> , 2017, 2, .	39.5	634
6	Metal-free three-dimensional perovskite ferroelectrics. <i>Science</i> , 2018, 361, 151-155.	12.6	570
7	A lead-halide perovskite molecular ferroelectric semiconductor. <i>Nature Communications</i> , 2015, 6, 7338.	12.8	538
8	Symmetry breaking in molecular ferroelectrics. <i>Chemical Society Reviews</i> , 2016, 45, 3811-3827.	38.1	499
9	Novel, Acentric Metal-Organic Coordination Polymers from Hydrothermal Reactions Involving In Situ Ligand Synthesis. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 3800-3803.	13.8	487
10	Coexistence of Magnetic and Electric Orderings in the Metal-Formate Frameworks of $[\text{NH}_4][\text{M}(\text{HCOO})_3]$. <i>Journal of the American Chemical Society</i> , 2011, 133, 14948-14951.	13.7	446
11	Ferroelectric Metal-Organic Framework with a High Dielectric Constant. <i>Journal of the American Chemical Society</i> , 2006, 128, 6554-6555.	13.7	402
12	A molecular perovskite solid solution with piezoelectricity stronger than lead zirconate titanate. <i>Science</i> , 2019, 363, 1206-1210.	12.6	401
13	Fabrication of Efficient Low-Bandgap Perovskite Solar Cells by Combining Formamidinium Tin Iodide with Methylammonium Lead Iodide. <i>Journal of the American Chemical Society</i> , 2016, 138, 12360-12363.	13.7	362
14	A Multiferroic Perdeutero Metal-Organic Framework. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 11947-11951.	13.8	313
15	Highly Efficient Red-Light Emission in An Organic-Inorganic Hybrid Ferroelectric: (Pyrrolidinium) MnCl_3 . <i>Journal of the American Chemical Society</i> , 2015, 137, 4928-4931.	13.7	308
16	Tunable and Switchable Dielectric Constant in an Amphidynamic Crystal. <i>Journal of the American Chemical Society</i> , 2013, 135, 5230-5233.	13.7	307
17	Diisopropylammonium Chloride: A Ferroelectric Organic Salt with a High Phase Transition Temperature and Practical Utilization Level of Spontaneous Polarization. <i>Advanced Materials</i> , 2011, 23, 5658-5662.	21.0	303
18	Metal-organic complex ferroelectrics. <i>Chemical Society Reviews</i> , 2011, 40, 3577.	38.1	301

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19	Molecular Design Principles for Ferroelectrics: Ferroelectrochemistry. <i>Journal of the American Chemical Society</i> , 2020, 142, 15205-15218.	13.7	299
20	Bandgap Engineering of Lead Halide Perovskite-Type Ferroelectrics. <i>Advanced Materials</i> , 2016, 28, 2579-2586.	21.0	298
21	Exceptional Dielectric Phase Transitions in a Perovskite-Type Cage Compound. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 6608-6610.	13.8	292
22	Supramolecular Bola-Like Ferroelectric: 4-Methoxyanilinium Tetrafluoroborate-18-crown-6. <i>Journal of the American Chemical Society</i> , 2011, 133, 12780-12786.	13.7	283
23	The First 2D Homochiral Lead Iodide Perovskite Ferroelectrics: [R ₄ (4-Chlorophenyl)ethylammonium] ₂ PbI ₄ . <i>Advanced Materials</i> , 2019, 31, 21.0 e1808088.	21.0	268
24	The First Organic-Inorganic Hybrid Luminescent Multiferroic: (Pyrrolidinium)MnBr ₃ . <i>Advanced Materials</i> , 2015, 27, 3942-3946.	21.0	263
25	A Molecular Perovskite with Switchable Coordination Bonds for High-Temperature Multiaxial Ferroelectrics. <i>Journal of the American Chemical Society</i> , 2017, 139, 6369-6375.	13.7	254
26	Toward the Targeted Design of Molecular Ferroelectrics: Modifying Molecular Symmetries and Homochirality. <i>Accounts of Chemical Research</i> , 2019, 52, 1928-1938.	15.6	250
27	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, 13148-13154.	13.7	246
28	Metal-organic coordination compounds for potential ferroelectrics. <i>Coordination Chemistry Reviews</i> , 2009, 253, 2980-2997.	18.8	203
29	Precise Molecular Design of High-T _c 3D Organic-Inorganic Perovskite Ferroelectric: [MeHdabco]Rb ₃ (MeHdabco =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 342 Td (N-Methyl-1,4-dioxane-2,5-dione). <i>Advanced Materials</i> , 2019, 31, 19010897-10902.	13.7	190
30	Atomistic Mechanism of Broadband Emission in Metal Halide Perovskites. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 501-506.	4.6	190
31	2D Molecular Square Grid with Strong Blue Fluorescent Emission: A Complex of Norfloxacin with Zinc(II). <i>Inorganic Chemistry</i> , 2001, 40, 4075-4077.	4.0	181
32	A Room-Temperature Hybrid Lead Iodide Perovskite Ferroelectric. <i>Journal of the American Chemical Society</i> , 2018, 140, 12296-12302.	13.7	168
33	Nanoscale Homochiral C ₃ -Symmetric Mixed-Valence Manganese Cluster Complexes with Both Ferromagnetic and Ferroelectric Properties. <i>Journal of the American Chemical Society</i> , 2010, 132, 4044-4045.	13.7	167
34	Two-Dimensional Layered Perovskite Ferroelectric with Giant Piezoelectric Voltage Coefficient. <i>Journal of the American Chemical Society</i> , 2020, 142, 1077-1082.	13.7	166
35	An Above-Room-Temperature Ferroelectric Organo-Metal Halide Perovskite: (3-Pyrrolinium)(CdCl ₃). <i>Angewandte Chemie - International Edition</i> , 2014, 53, 11242-11247.	13.8	160
36	Large Piezoelectric Effect in a Lead-Free Molecular Ferroelectric Thin Film. <i>Journal of the American Chemical Society</i> , 2017, 139, 18071-18077.	13.7	160

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37	Multiaxial Molecular Ferroelectric Thin Films Bring Light to Practical Applications. <i>Journal of the American Chemical Society</i> , 2018, 140, 8051-8059.	13.7	160
38	Fluorine Substitution Induced High T_c of Enantiomeric Perovskite Ferroelectrics: (R) - and (S) -3-(Fluoropyrrolidinium) $MnCl_3$. <i>Journal of the American Chemical Society</i> , 2019, 141, 4474-4479.	13.7	160
39	Two-Dimensional Organic-Inorganic Perovskite Ferroelectric Semiconductors with Fluorinated Aromatic Spacers. <i>Journal of the American Chemical Society</i> , 2019, 141, 18334-18340.	13.7	157
40	Ferroelectricity Induced by Ordering of Twisting Motion in a Molecular Rotor. <i>Journal of the American Chemical Society</i> , 2012, 134, 11044-11049.	13.7	155
41	A Three-Dimensional Molecular Perovskite Ferroelectric: (3-Ammoniopyrrolidinium) $RbBr_3$. <i>Journal of the American Chemical Society</i> , 2017, 139, 3954-3957.	13.7	153
42	Observation of Vortex Domains in a Two-Dimensional Lead Iodide Perovskite Ferroelectric. <i>Journal of the American Chemical Society</i> , 2020, 142, 4925-4931.	13.7	153
43	Competitive Halogen Bond in the Molecular Ferroelectric with Large Piezoelectric Response. <i>Journal of the American Chemical Society</i> , 2018, 140, 3975-3980.	13.7	151
44	Opto-electronic multifunctional chiral diamondoid-network coordination polymer: bis{4-[2-(4-pyridyl)ethenyl]benzoato}zinc with high thermal stability. <i>Chemical Communications</i> , 2000, 2061-2062.	4.1	150
45	New Ferroelectrics Based on Divalent Metal Ion Alum. <i>Journal of the American Chemical Society</i> , 2009, 131, 12544-12545.	13.7	146
46	Switchable Dielectric, Piezoelectric, and Second-Harmonic Generation Bistability in a New Improper Ferroelectric above Room Temperature. <i>Advanced Materials</i> , 2014, 26, 4515-4520.	21.0	146
47	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, 10033-10040.	13.7	144
48	4-(cyanomethyl)anilinium Perchlorate: A New Displacive-Type Molecular Ferroelectric. <i>Physical Review Letters</i> , 2011, 107, 147601.	7.8	141
49	4-Methoxyanilinium Perrhenate 18-Crown-6: A New Ferroelectric with Order Originating in Swinglike Motion Slowing Down. <i>Physical Review Letters</i> , 2013, 110, 257601.	7.8	141
50	Fluorinated 2D Lead Iodide Perovskite Ferroelectrics. <i>Advanced Materials</i> , 2019, 31, e1901843.	21.0	137
51	Organic enantiomeric high- T_c ferroelectrics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 5878-5885.	7.1	137
52	Anomalous rotary polarization discovered in homochiral organic ferroelectrics. <i>Nature Communications</i> , 2016, 7, 13635.	12.8	129
53	An Order-Disorder Ferroelectric Host-Guest Inclusion Compound. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 2114-2118.	13.8	126
54	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.	13.7	125

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55	Dynamics of a caged imidazolium cation—toward understanding the order-disorder phase transition and the switchable dielectric constant. <i>Chemical Communications</i> , 2015, 51, 4568-4571.	4.1	121
56	H/Fa€Substitutiona€Induced Homochirality for Designing HighT_c Molecular Perovskite Ferroelectrics. <i>Advanced Materials</i> , 2019, 31, e1902163.	21.0	117
57	Blue to Red Fluorescent Emission Tuning of a Cadmium Coordination Polymer by Conjugated Ligands. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 2572-2577.	2.0	113
58	Confinement-Driven Ferroelectricity in a Two-Dimensional Hybrid Lead Iodide Perovskite. <i>Journal of the American Chemical Society</i> , 2020, 142, 10212-10218.	13.7	113
59	Above-Room-Temperature Magnetodielectric Coupling in a Possible Molecule-Based Multiferroic: Triethylmethylammonium Tetrabromoferrate(III). <i>Journal of the American Chemical Society</i> , 2012, 134, 18487-18490.	13.7	110
60	Room-temperature ABX3-typed molecular ferroelectric: [C5H9a€NH3][CdCl3]. <i>Inorganic Chemistry Frontiers</i> , 2014, 1, 118.	6.0	110
61	An unprecedented six-fold anion-type chiral diamondoid-like eight-coordinate Cd(II) coordination polymer with a second-order nonlinear optical effect. <i>Dalton Transactions RSC</i> , 2001, , 2453-2455.	2.3	108
62	Ultrafast Polarization Switching in a Biaxial Molecular Ferroelectric Thin Film: [Hdabco]ClO₄. <i>Journal of the American Chemical Society</i> , 2016, 138, 15784-15789.	13.7	107
63	A Chiral Thermochromic Ferroelastic with Seven Physical Channel Switches. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9574-9578.	13.8	106
64	Large Electrostrictive Coefficient in a Two-Dimensional Hybrid Perovskite Ferroelectric. <i>Journal of the American Chemical Society</i> , 2021, 143, 1664-1672.	13.7	106
65	Unprecedented Ferroelectrica€Antiferroelectrica€Paraelectric Phase Transitions Discovered in an Organica€Inorganic Hybrid Perovskite. <i>Journal of the American Chemical Society</i> , 2017, 139, 8752-8757.	13.7	105
66	A Molecular Ferroelectric Thin Film of Imidazolium Perchlorate That Shows Superior Electromechanical Coupling. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 5064-5068.	13.8	103
67	Novel Phase-Transition Materials Coupled with Switchable Dielectric, Magnetic, and Optical Properties: [(CH₃)₄P][FeCl₄] and [(CH₃)₄P][FeBr₄]. <i>Chemistry of Materials</i> , 2014, 26, 6042-6049.	6.7	101
68	Piezoelectric Energy Harvesting Based on Multiaxial Ferroelectrics by Precise Molecular Design. <i>Matter</i> , 2020, 2, 697-710.	10.0	101
69	A Three-Dimensional Lead Halide Perovskite-Related Ferroelectric. <i>Journal of the American Chemical Society</i> , 2020, 142, 4604-4608.	13.7	97
70	In situ ligand synthesis and the first crystallographically characterized lanthanide 3-D pillared networks containing benzene-1,4-disulfonate as a building blocka€Sâ€. <i>Dalton Transactions RSC</i> , 2001, , 780-782.	2.3	96
71	Two-Dimensional Hybrid Perovskite Ferroelectric Induced by Perfluorinated Substitution. <i>Journal of the American Chemical Society</i> , 2020, 142, 20208-20215.	13.7	96
72	A Multiaxial Molecular Ferroelectric with Highest Curie Temperature and Fastest Polarization Switching. <i>Journal of the American Chemical Society</i> , 2017, 139, 13903-13908.	13.7	92

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73	De Novo Discovery of [Hdabco]BF ₄ Molecular Ferroelectric Thin Film for Nonvolatile Low-Voltage Memories. <i>Journal of the American Chemical Society</i> , 2017, 139, 1319-1324.	13.7	88
74	Molecular ferroelectrics: where electronics meet biology. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 20786.	2.8	86
75	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.	13.8	85
76	Organometallic-Based Hybrid Perovskite Piezoelectrics with a Narrow Band Gap. <i>Journal of the American Chemical Society</i> , 2020, 142, 17787-17794.	13.7	83
77	X-Ray crystal structures of Mg ²⁺ and Ca ²⁺ dimers of the antibacterial drug norfloxacin. <i>Dalton Transactions RSC</i> , 2000, , 4013-4014.	2.3	81
78	Discovery of an Antiperovskite Ferroelectric in [(CH ₃) ₃ NH](MnBr ₃)(MnBr ₄). <i>Journal of the American Chemical Society</i> , 2018, 140, 8110-8113.	13.7	79
79	Quinuclidinium salt ferroelectric thin-film with duodecupole-rotational polarization-directions. <i>Nature Communications</i> , 2017, 8, 14934.	12.8	75
80	Directional Intermolecular Interactions for Precise Molecular Design of a High-T _c Multiaxial Molecular Ferroelectric. <i>Journal of the American Chemical Society</i> , 2019, 141, 1781-1787.	13.7	74
81	Fluoridation Achieved Antiperovskite Molecular Ferroelectric in [(CH ₃) ₂ (F-CH ₂ CH ₂)NH ₃](CdCl ₃)(CdCl ₄). <i>Journal of the American Chemical Society</i> , 2019, 141, 4372-4378.	13.7	73
82	A Molecular Polycrystalline Ferroelectric with Record-High Phase Transition Temperature. <i>Advanced Materials</i> , 2017, 29, 1700831.	21.0	72
83	The Narrowest Band Gap Ever Observed in Molecular Ferroelectrics: Hexane-1,6-diammonium Pentaiodobismuth(III). <i>Angewandte Chemie</i> , 2018, 130, 535-539.	2.0	72
84	Molecular Ferroelectrics-Driven High-Performance Perovskite Solar Cells. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 19974-19982.	13.8	71
85	Methylphosphonium Tin Bromide: A 3D Perovskite Molecular Ferroelectric Semiconductor. <i>Advanced Materials</i> , 2020, 32, e2005213.	21.0	66
86	Record Enhancement of Phase Transition Temperature Realized by H/F Substitution. <i>Advanced Materials</i> , 2020, 32, e2003530.	21.0	66
87	Record Enhancement of Curie Temperature in Host-Guest Inclusion Ferroelectrics. <i>Journal of the American Chemical Society</i> , 2021, 143, 5091-5098.	13.7	66
88	A Displacive-Type Metal Crown Ether Ferroelectric Compound: Ca(NO ₃) ₂ (15-crown-5). <i>Angewandte Chemie - International Edition</i> , 2014, 53, 6724-6729.	13.8	65
89	PFM (piezoresponse force microscopy)-aided design for molecular ferroelectrics. <i>Chemical Society Reviews</i> , 2021, 50, 8248-8278.	38.1	63
90	Crystal structure of zinc(II) 2-sulfanilamidopyrimidine: a widely used topical burn drug. <i>Dalton Transactions RSC</i> , 2001, , 774-776.	2.3	60

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91	A Ferroelectric Iron(II) Spin Crossover Material. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14052-14056.	13.8	58
92	Contactless Manipulation of Write-Read-Erase Data Storage in Diarylethene Ferroelectric Crystals. <i>Journal of the American Chemical Society</i> , 2022, 144, 8633-8640.	13.7	58
93	Rational Design of Ceramic-Like Molecular Ferroelectric by Quasi-Spherical Theory. <i>Journal of the American Chemical Society</i> , 2020, 142, 1995-2000.	13.7	57
94	A Molecular Thermochromic Ferroelectric. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3495-3499.	13.8	57
95	A multiaxial lead-free two-dimensional organic-inorganic perovskite ferroelectric. <i>National Science Review</i> , 2021, 8, nwaa232.	9.5	57
96	A sequentially switchable molecular dielectric material tuned by the stepwise ordering in diisopropylammonium trifluoromethanesulfonate. <i>Journal of Materials Chemistry C</i> , 2014, 2, 2341-2345.	5.5	56
97	A semiconducting molecular ferroelectric with a bandgap much lower than that of BiFeO ₃ . <i>NPG Asia Materials</i> , 2017, 9, e342-e342.	7.9	54
98	Optical Control of Polarization Switching in a Single-Component Organic Ferroelectric Crystal. <i>Journal of the American Chemical Society</i> , 2021, 143, 13816-13823.	13.7	53
99	Narrow Band Gap Observed in a Molecular Ferroelastic: Ferrocenium Tetrachloroferrate. <i>Journal of the American Chemical Society</i> , 2020, 142, 3240-3245.	13.7	52
100	Multichannel Control of Multiferroicity in Single-Component Homochiral Organic Crystals. <i>Journal of the American Chemical Society</i> , 2021, 143, 21685-21693.	13.7	52
101	The first four-fold interpenetrating diamondoid framework that traps gaseous molecules: {Zn[trans-3-(4-pyridyl)acrylate] ₂ ·(trans-2-butene)} _n . <i>Dalton Transactions RSC</i> , 2001, , 1806-1808.	2.3	51
102	Visualization of Room-Temperature Ferroelectricity and Polarization Rotation in the Thin Film of Quinuclidinium Perrhenate. <i>Physical Review Letters</i> , 2017, 119, 207602.	7.8	50
103	A highly stable copper(i)-olefin coordination polymer with strong red fluorescent emission. <i>Chemical Communications</i> , 2000, , 1495-1496.	4.1	49
104	Olefin-Copper(I) Complexes and their Properties. <i>Topics in Catalysis</i> , 2005, 35, 43-61.	2.8	48
105	An Above-Room-Temperature Molecular Ferroelectric: [Cyclopentylammonium] ₂ CdBr ₄ . <i>Inorganic Chemistry</i> , 2020, 59, 829-836.	4.0	48
106	H/F substitution for advanced molecular ferroelectrics. <i>Trends in Chemistry</i> , 2021, 3, 1088-1099.	8.5	48
107	The First Highly Stable Homochiral Olefin-Copper(I) 2D Coordination Polymer Grid Based on Quinine as a Building Block. <i>Organometallics</i> , 2003, 22, 2814-2816.	2.3	47
108	Highly stable copper(i)-olefin coordination polymers capable of co-existing with water and acid. <i>Dalton Transactions RSC</i> , 2000, , 2898-2900.	2.3	46

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109	Molecule-displacive ferroelectricity in organic supramolecular solids. <i>Scientific Reports</i> , 2013, 3, 2249.	3.3	45
110	Heterometallic Tetrazole Coordination Polymer Formed through 2 + 3 Cycloaddition Reaction between Inorganic Complexes in the Presence of Lewis Acid. <i>Crystal Growth and Design</i> , 2007, 7, 2382-2386.	3.0	44
111	Tunable electroresistance and electro-optic effects of transparent molecular ferroelectrics. <i>Science Advances</i> , 2017, 3, e1701008.	10.3	44
112	A Nickel(II) Nitrite Based Molecular Perovskite Ferroelectric. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8857-8861.	13.8	43
113	A homochiral Zn ^{II} -Dy heterometallic left-handed helical chain complex without chiral ligands: anion-induced assembly and multifunctional integration. <i>Chemical Communications</i> , 2018, 54, 13379-13382.	4.1	42
114	An above-room-temperature phosphonium-based molecular ferroelectric perovskite, [(CH ₃) ₄ P]CdCl ₃ , with Sb ³⁺ -doped luminescence. <i>NPG Asia Materials</i> , 2019, 11, .	7.9	42
115	Bistable State of Protons for Low-Voltage Memories. <i>Journal of the American Chemical Society</i> , 2020, 142, 9000-9006.	13.7	41
116	The first chiral 2-D molecular triangular grid ^{2D} . <i>Dalton Transactions RSC</i> , 2000, , 4010-4012.	2.3	40
117	The first high-temperature multiaxial ferroelectric host-guest inclusion compound. <i>Chemical Communications</i> , 2019, 55, 11571-11574.	4.1	40
118	The First High-Temperature Supramolecular Radical Ferroics. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 16668-16673.	13.8	37
119	An Order-Disorder Ferroelectric Host-Guest Inclusion Compound. <i>Angewandte Chemie</i> , 2014, 126, 2146-2150.	2.0	36
120	Dielectric and ferroelectric sensing based on molecular recognition in Cu(1,10-phenothroline) ₂ SeO ₄ ·(diol) systems. <i>Nature Communications</i> , 2017, 8, 14551.	12.8	36
121	Coexistence of magnetic and electric orderings in a divalent Cr ²⁺ -based multiaxial molecular ferroelectric. <i>Chemical Science</i> , 2021, 12, 9742-9747.	7.4	33
122	Unprecedented Ferroelectricity and Ferromagnetism in a Cr ²⁺ -Based Two-Dimensional Hybrid Perovskite. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	32
123	Organic Ferroelectric Vortex-Antivortex Domain Structure. <i>Journal of the American Chemical Society</i> , 2020, 142, 21932-21937.	13.7	31
124	Optically Induced Ferroelectric Polarization Switching in a Molecular Ferroelectric with Reversible Photoisomerization. <i>Advanced Science</i> , 2021, 8, e2102614.	11.2	31
125	Ferroelectrochemistry. <i>APL Materials</i> , 2021, 9, .	5.1	29
126	Three Properties in One Coordination Complex: Chirality, Spin Crossover, and Dielectric Switching. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 3144-3149.	2.0	29

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127	Fluorination observed<i>T</i>_cincrease of 110 K is challenging the hydrogenâ€“deuterium isotope effect. <i>Chemical Communications</i> , 2019, 55, 10007-10010.	4.1	27
128	H/F Substitution induced switchable coordination bonds in a cyano-bridged hybrid double perovskite ferroelastic. <i>Chemical Communications</i> , 2022, 58, 3059-3062.	4.1	27
129	Two Polymeric Complexes of Norfloxacin with Iron(II) and Their Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 2920-2923.	2.0	26
130	Comment on â€œFerroelectric Order of Parallel Bistable Hydrogen Bondsâ€• <i>Physical Review Letters</i> , 2012, 109, 169601; discussion 169602.	7.8	26
131	Chiral Molecular Ferroelectrics with Polarized Optical Effect and Electroresistive Switching. <i>ACS Nano</i> , 2017, 11, 11739-11745.	14.6	26
132	100 years of ferroelectricityâ€”A celebration. <i>APL Materials</i> , 2021, 9, .	5.1	25
133	Crown Ether Hostâ€“Guest Molecular Ferroelectrics. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	25
134	Unprecedented Homochiral Olefinâ€“Copper(I) 2D Coordination Polymer Grid Based on Chiral Ammonium Salts as Building Blocks. <i>Organometallics</i> , 2003, 22, 4396-4398.	2.3	24
135	Experimental Evidence for a Triboluminescent Antiperovskite Ferroelectric: Tris(trimethylammonium) <i>catena</i>â€“Triâ€“1/4â€“chloroâ€“manganate(II) Tetrachloromanganate(II). <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11939-11942.	13.8	24
136	Highly Efficient 1D/3D Ferroelectric Perovskite Solar Cell. <i>Advanced Functional Materials</i> , 2021, 31, 2100205.	14.9	24
137	Organic Enantiomeric Ferroelectrics with High Piezoelectric Performance: Imidazolium <sc> </sc>- and <sc>d</sc>-Camphorsulfonate. <i>Chemistry of Materials</i> , 2021, 33, 5769-5779.	6.7	24
138	An organic plastic ferroelectric with high Curie point. <i>Chemical Science</i> , 2022, 13, 748-753.	7.4	23
139	A Cu(I) coordination polymer employing a nonsteroidal aromatase inhibitor letrozole as a building blockâ€“. <i>Dalton Transactions RSC</i> , 2001, , 2071-2073.	2.3	22
140	A Novel Three-Dimensional Network Isophthalato-Bridged Lanthanide Complex: {Ln[C6H4(COOâ€“)2-1,3](CH3COOâ€“)(H2O)2}Ã•H2O. <i>Journal of Coordination Chemistry</i> , 2002, 55, 835-842.	2.2	22
141	Iso-structural phase transition in tetramethylammonium nickel(II) nitrite [(CH3)4N][Ni(NO2)3]. <i>Chinese Chemical Letters</i> , 2014, 25, 844-848.	9.0	20
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