

Ren-Gen Xiong

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8312837/ren-gen-xiong-publications-by-year.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

170
papers

15,914
citations

67
h-index

124
g-index

183
ext. papers

18,688
ext. citations

13.6
avg, IF

6.95
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 170 | An organic plastic ferroelectric with high Curie point.. <i>Chemical Science</i> , 2022 , 13, 748-753 | 9.4 | 5 |
| 169 | Solvent Selective Effect Occurs in Iodinated Adamantanone Ferroelectrics.. <i>Advanced Science</i> , 2022 , e2201702 | 17.0 | 1 |
| 168 | Domain memory effect in the organic ferroics.. <i>Nature Communications</i> , 2022 , 13, 2379 | 17.4 | 2 |
| 167 | H/F substitution for advanced molecular ferroelectrics. <i>Trends in Chemistry</i> , 2021 , | 14.8 | 6 |
| 166 | Optically Induced Ferroelectric Polarization Switching in a Molecular Ferroelectric with Reversible Photoisomerization. <i>Advanced Science</i> , 2021 , 8, e2102614 | 13.6 | 7 |
| 165 | Record Enhancement of Curie Temperature in Host-Guest Inclusion Ferroelectrics. <i>Journal of the American Chemical Society</i> , 2021 , 143, 5091-5098 | 16.4 | 18 |
| 164 | Highly Efficient 1D/3D Ferroelectric Perovskite Solar Cell. <i>Advanced Functional Materials</i> , 2021 , 31, 2100295 | 19.5 | 11 |
| 163 | Ferroelectrochemistry. <i>APL Materials</i> , 2021 , 9, 051112 | 5.7 | 11 |
| 162 | The First High-Temperature Supramolecular Radical Ferroics. <i>Angewandte Chemie</i> , 2021 , 133, 16804-16808 | 16.4 | 0 |
| 161 | The First High-Temperature Supramolecular Radical Ferroics. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 16668-16673 | 16.4 | 9 |
| 160 | A multiaxial lead-free two-dimensional organic-inorganic perovskite ferroelectric. <i>National Science Review</i> , 2021 , 8, nwaa232 | 10.8 | 22 |
| 159 | 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 |
| 158 | PFM (piezoresponse force microscopy)-aided design for molecular ferroelectrics. <i>Chemical Society Reviews</i> , 2021 , 50, 8248-8278 | 58.5 | 21 |
| 157 | Organic Enantiomeric Ferroelectrics with High Piezoelectric Performance: Imidazolium l- and d-Camphorsulfonate. <i>Chemistry of Materials</i> , 2021 , 33, 5769-5779 | 9.6 | 7 |
| 156 | Optical Control of Polarization Switching in a Single-Component Organic Ferroelectric Crystal. <i>Journal of the American Chemical Society</i> , 2021 , 143, 13816-13823 | 16.4 | 11 |
| 155 | Salicylideneaniline is a Photoswitchable Ferroelectric Crystal. <i>Chemistry - A European Journal</i> , 2021 , 27, 14831-14835 | 4.8 | 4 |
| 154 | Coexistence of magnetic and electric orderings in a divalent Cr-based multiaxial molecular ferroelectric. <i>Chemical Science</i> , 2021 , 12, 9742-9747 | 9.4 | 6 |

| | | | |
|-----|--|------|----|
| 153 | Multichannel Control of Multiferroicity in Single-Component Homochiral Organic Crystals.. <i>Journal of the American Chemical Society</i> , 2021 , 143, 21685-21693 | 16.4 | 8 |
| 152 | Organic Ferroelectric Vortex-Antivortex Domain Structure. <i>Journal of the American Chemical Society</i> , 2020 , 142, 21932-21937 | 16.4 | 9 |
| 151 | Confinement-Driven Ferroelectricity in a Two-Dimensional Hybrid Lead Iodide Perovskite. <i>Journal of the American Chemical Society</i> , 2020 , 142, 10212-10218 | 16.4 | 57 |
| 150 | A Three-Dimensional Lead Halide Perovskite-Related Ferroelectric. <i>Journal of the American Chemical Society</i> , 2020 , 142, 4604-4608 | 16.4 | 50 |
| 149 | Observation of Vortex Domains in a Two-Dimensional Lead Iodide Perovskite Ferroelectric. <i>Journal of the American Chemical Society</i> , 2020 , 142, 4925-4931 | 16.4 | 74 |
| 148 | Narrow Band Gap Observed in a Molecular Ferroelastic: Ferrocenium Tetrachloroferrate. <i>Journal of the American Chemical Society</i> , 2020 , 142, 3240-3245 | 16.4 | 21 |
| 147 | Bistable State of Protons for Low-Voltage Memories. <i>Journal of the American Chemical Society</i> , 2020 , 142, 9000-9006 | 16.4 | 16 |
| 146 | Rational Design of Ceramic-Like Molecular Ferroelectric by Quasi-Spherical Theory. <i>Journal of the American Chemical Society</i> , 2020 , 142, 1995-2000 | 16.4 | 23 |
| 145 | Piezoelectric Energy Harvesting Based on Multiaxial Ferroelectrics by Precise Molecular Design. <i>Matter</i> , 2020 , 2, 697-710 | 12.7 | 44 |
| 144 | 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 |
| 143 | Two-Dimensional Layered Perovskite Ferroelectric with Giant Piezoelectric Voltage Coefficient. <i>Journal of the American Chemical Society</i> , 2020 , 142, 1077-1082 | 16.4 | 73 |
| 142 | A Molecular Thermochromic Ferroelectric. <i>Angewandte Chemie</i> , 2020 , 132, 3523-3527 | 3.6 | 9 |
| 141 | A Molecular Thermochromic Ferroelectric. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 3495-3498 | 16.4 | 36 |
| 140 | An Above-Room-Temperature Molecular Ferroelectric: [Cyclopentylammonium]CdBr. <i>Inorganic Chemistry</i> , 2020 , 59, 829-836 | 5.1 | 22 |
| 139 | Methylphosphonium Tin Bromide: A 3D Perovskite Molecular Ferroelectric Semiconductor. <i>Advanced Materials</i> , 2020 , 32, e2005213 | 24 | 26 |
| 138 | Organometallic-Based Hybrid Perovskite Piezoelectrics with a Narrow Band Gap. <i>Journal of the American Chemical Society</i> , 2020 , 142, 17787-17794 | 16.4 | 33 |
| 137 | Record Enhancement of Phase Transition Temperature Realized by H/F Substitution. <i>Advanced Materials</i> , 2020 , 32, e2003530 | 24 | 30 |
| 136 | Two-Dimensional Hybrid Perovskite Ferroelectric Induced by Perfluorinated Substitution. <i>Journal of the American Chemical Society</i> , 2020 , 142, 20208-20215 | 16.4 | 34 |

| | | | |
|-----|---|------|-----|
| 135 | Molecular Ferroelectrics-Driven High-Performance Perovskite Solar Cells. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 19974-19982 | 16.4 | 33 |
| 134 | Molecular Design Principles for Ferroelectrics: Ferroelectrochemistry. <i>Journal of the American Chemical Society</i> , 2020 , 142, 15205-15218 | 16.4 | 108 |
| 133 | Light-controlled molecular resistive switching ferroelectric heterojunction. <i>Materials Today</i> , 2020 , 34, 51-57 | 21.8 | 5 |
| 132 | A Chiral Thermochromic Ferroelastic with Seven Physical Channel Switches. <i>Angewandte Chemie</i> , 2020 , 132, 9661-9665 | 3.6 | 7 |
| 131 | A Chiral Thermochromic Ferroelastic with Seven Physical Channel Switches. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 9574-9578 | 16.4 | 41 |
| 130 | The first high-temperature multiaxial ferroelectric host-guest inclusion compound. <i>Chemical Communications</i> , 2019 , 55, 11571-11574 | 5.8 | 21 |
| 129 | H/F-Substitution-Induced Homochirality for Designing High-T Molecular Perovskite Ferroelectrics. <i>Advanced Materials</i> , 2019 , 31, e1902163 | 24 | 72 |
| 128 | Fluorinated 2D Lead Iodide Perovskite Ferroelectrics. <i>Advanced Materials</i> , 2019 , 31, e1901843 | 24 | 74 |
| 127 | A Nickel(II) Nitrite Based Molecular Perovskite Ferroelectric. <i>Angewandte Chemie</i> , 2019 , 131, 8949-8953 | 3.6 | 8 |
| 126 | A Nickel(II) Nitrite Based Molecular Perovskite Ferroelectric. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 8857-8861 | 16.4 | 22 |
| 125 | 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 |
| 124 | Organic enantiomeric high- ferroelectrics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 5878-5885 | 11.5 | 76 |
| 123 | A molecular perovskite solid solution with piezoelectricity stronger than lead zirconate titanate. <i>Science</i> , 2019 , 363, 1206-1210 | 33.3 | 253 |
| 122 | Toward the Targeted Design of Molecular Ferroelectrics: Modifying Molecular Symmetries and Homochirality. <i>Accounts of Chemical Research</i> , 2019 , 52, 1928-1938 | 24.3 | 130 |
| 121 | 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, | 10.3 | 25 |
| 120 | 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 |
| 119 | Fluorine Substitution Induced High T of Enantiomeric Perovskite Ferroelectrics: (R) - and (S) -3-(Fluoropyrrolidinium)MnCl. <i>Journal of the American Chemical Society</i> , 2019 , 141, 4474-4479 | 16.4 | 100 |
| 118 | The distinguishing of cis/trans isomers enabled via dielectric/ferroelectric signal feedback in a supramolecular Cu(1,10-phenanthroline) ₂ SeO ₄ [(diol) system. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 11022-11028 | 7.1 | 3 |

| | | | |
|-----|---|------|-----|
| 117 | 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 |
| 116 | A Three-Dimensional M AB-Type Hybrid Organic-Inorganic Antiperovskite Ferroelectric: [C H FN] [SnCl]Cl. <i>Chemistry - A European Journal</i> , 2019 , 25, 16625 | 4.8 | 10 |
| 115 | Two-Dimensional Organic-Inorganic Perovskite Ferroelectric Semiconductors with Fluorinated Aromatic Spacers. <i>Journal of the American Chemical Society</i> , 2019 , 141, 18334-18340 | 16.4 | 92 |
| 114 | Atomistic Mechanism of Broadband Emission in Metal Halide Perovskites. <i>Journal of Physical Chemistry Letters</i> , 2019 , 10, 501-506 | 6.4 | 105 |
| 113 | Directional Intermolecular Interactions for Precise Molecular Design of a High- T Multiaxial Molecular Ferroelectric. <i>Journal of the American Chemical Society</i> , 2019 , 141, 1781-1787 | 16.4 | 43 |
| 112 | Competitive Halogen Bond in the Molecular Ferroelectric with Large Piezoelectric Response. <i>Journal of the American Chemical Society</i> , 2018 , 140, 3975-3980 | 16.4 | 106 |
| 111 | Innenrücktitelbild: The Narrowest Band Gap Ever Observed in Molecular Ferroelectrics: Hexane-1,6-diammonium Pentaiodobismuth(III) (Angew. Chem. 2/2018). <i>Angewandte Chemie</i> , 2018 , 130, 603-603 | 3.6 | |
| 110 | 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 |
| 109 | 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 |
| 108 | Metal-free three-dimensional perovskite ferroelectrics. <i>Science</i> , 2018 , 361, 151-155 | 33.3 | 360 |
| 107 | Multiaxial Molecular Ferroelectric Thin Films Bring Light to Practical Applications. <i>Journal of the American Chemical Society</i> , 2018 , 140, 8051-8059 | 16.4 | 111 |
| 106 | Discovery of an Antiperovskite Ferroelectric in [(CH)NH](MnBr)(MnBr). <i>Journal of the American Chemical Society</i> , 2018 , 140, 8110-8113 | 16.4 | 59 |
| 105 | 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 |
| 104 | A homochiral Zn-Dy heterometallic left-handed helical chain complex without chiral ligands: anion-induced assembly and multifunctional integration. <i>Chemical Communications</i> , 2018 , 54, 13379-13382 | 5.8 | 32 |
| 103 | A Room-Temperature Hybrid Lead Iodide Perovskite Ferroelectric. <i>Journal of the American Chemical Society</i> , 2018 , 140, 12296-12302 | 16.4 | 111 |
| 102 | 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 |
| 101 | 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 |
| 100 | De Novo Discovery of [Hdabco]BF Molecular Ferroelectric Thin Film for Nonvolatile Low-Voltage Memories. <i>Journal of the American Chemical Society</i> , 2017 , 139, 1319-1324 | 16.4 | 65 |

- 99 A Three-Dimensional Molecular Perovskite Ferroelectric: (3-Ammoniopyrrolidinium)RbBr. *Journal of the American Chemical Society*, **2017**, 139, 3954-3957 16.4 121
- 98 Low-bandgap mixed tin/lead iodide perovskite absorbers with long carrier lifetimes for all-perovskite tandem solar cells. *Nature Energy*, **2017**, 2, 1-7 62.3 515
- 97 Dielectric and ferroelectric sensing based on molecular recognition in Cu(1,10-phenothroline)SeO₄(diol) systems. *Nature Communications*, **2017**, 8, 14551 17.4 29
- 96 A Molecular Perovskite with Switchable Coordination Bonds for High-Temperature Multiaxial Ferroelectrics. *Journal of the American Chemical Society*, **2017**, 139, 6369-6375 16.4 187
- 95 Unprecedented Ferroelectric-Antiferroelectric-Paraelectric Phase Transitions Discovered in an Organic-Inorganic Hybrid Perovskite. *Journal of the American Chemical Society*, **2017**, 139, 8752-8757 16.4 59
- 94 Quinuclidinium salt ferroelectric thin-film with duodecupole-rotational polarization-directions. *Nature Communications*, **2017**, 8, 14934 17.4 62
- 93 Tunable electroresistance and electro-optic effects of transparent molecular ferroelectrics. *Science Advances*, **2017**, 3, e1701008 14.3 33
- 92 A Ferroelectric Iron(II) Spin Crossover Material. *Angewandte Chemie*, **2017**, 129, 14240-14244 3.6 15
- 91 A Multiaxial Molecular Ferroelectric with Highest Curie Temperature and Fastest Polarization Switching. *Journal of the American Chemical Society*, **2017**, 139, 13903-13908 16.4 67
- 90 A Ferroelectric Iron(II) Spin Crossover Material. *Angewandte Chemie - International Edition*, **2017**, 56, 14058-14058 16.4 56
- 89 Precise Molecular Design of High-T 3D Organic-Inorganic Perovskite Ferroelectric: [MeHdabco]RbI (MeHdabco = N-Methyl-1,4-diazoniabicyclo[2.2.2]octane). *Journal of the American Chemical Society*, **2017**, 139, 10897-10902 16.4 149
- 88 An organic-inorganic perovskite ferroelectric with large piezoelectric response. *Science*, **2017**, 357, 306-309 39.3 506
- 87 Large Piezoelectric Effect in a Lead-Free Molecular Ferroelectric Thin Film. *Journal of the American Chemical Society*, **2017**, 139, 18071-18077 16.4 121
- 86 Visualization of Room-Temperature Ferroelectricity and Polarization Rotation in the Thin Film of Quinuclidinium Perrhenate. *Physical Review Letters*, **2017**, 119, 207602 7.4 40
- 85 Chiral Molecular Ferroelectrics with Polarized Optical Effect and Electroresistive Switching. *ACS Nano*, **2017**, 11, 11739-11745 16.7 16
- 84 A Molecular Polycrystalline Ferroelectric with Record-High Phase Transition Temperature. *Advanced Materials*, **2017**, 29, 1700831 24 53
- 83 Three Properties in One Coordination Complex: Chirality, Spin Crossover, and Dielectric Switching. *European Journal of Inorganic Chemistry*, **2017**, 2017, 3144-3149 2.3 20
- 82 Lead-Free Inverted Planar Formamidinium Tin Triiodide Perovskite Solar Cells Achieving Power Conversion Efficiencies up to 6.22. *Advanced Materials*, **2016**, 28, 9333-9340 24 480

| | | | |
|----|---|------|-----|
| 81 | Anomalously rotary polarization discovered in homochiral organic ferroelectrics. <i>Nature Communications</i> , 2016 , 7, 13635 | 17.4 | 100 |
| 80 | 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, 12360-3 | 16.4 | 298 |
| 79 | Ultrafast Polarization Switching in a Biaxial Molecular Ferroelectric Thin Film: [Hdabco]ClO. <i>Journal of the American Chemical Society</i> , 2016 , 138, 15784-15789 | 16.4 | 80 |
| 78 | Bandgap Engineering of Lead-Halide Perovskite-Type Ferroelectrics. <i>Advanced Materials</i> , 2016 , 28, 2579-86 | 16.4 | 231 |
| 77 | Symmetry breaking in molecular ferroelectrics. <i>Chemical Society Reviews</i> , 2016 , 45, 3811-27 | 58.5 | 341 |
| 76 | 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 |
| 75 | Highly Efficient Red-Light Emission in An Organic-Inorganic Hybrid Ferroelectric: (Pyrrolidinium)MnCl ₂ . <i>Journal of the American Chemical Society</i> , 2015 , 137, 4928-31 | 16.4 | 250 |
| 74 | High-Temperature Ferroelectricity and Photoluminescence in a Hybrid Organic-Inorganic Compound: (3-Pyrrolium)MnCl ₃ . <i>Journal of the American Chemical Society</i> , 2015 , 137, 13148-54 | 16.4 | 191 |
| 73 | The First Organic-Inorganic Hybrid Luminescent Multiferroic: (Pyrrolidinium)MnBr ₃ . <i>Advanced Materials</i> , 2015 , 27, 3942-6 | 24 | 199 |
| 72 | A lead-halide perovskite molecular ferroelectric semiconductor. <i>Nature Communications</i> , 2015 , 6, 7338 | 17.4 | 430 |
| 71 | Dynamics of a caged imidazolium cation-toward understanding the order-disorder phase transition and the switchable dielectric constant. <i>Chemical Communications</i> , 2015 , 51, 4568-71 | 5.8 | 109 |
| 70 | 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 |
| 69 | 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 |
| 68 | 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 |
| 67 | 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 | 7.1 | 53 |
| 66 | 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 |
| 65 | 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 |
| 64 | 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 |

| | | | |
|----|---|------|------|
| 63 | An Above-Room-Temperature Ferroelectric OrganoMetal Halide Perovskite: (3-Pyrrolinium)(CdCl ₃). <i>Angewandte Chemie</i> , 2014 , 126, 11424-11429 | 3.6 | 42 |
| 62 | An above-room-temperature ferroelectric organo-metal halide perovskite: (3-pyrrolinium)(CdCl ₃). <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 11242-7 | 16.4 | 139 |
| 61 | Iso-structural phase transition in tetramethylammonium nickel(II) nitrite [(CH ₃) ₄ N][Ni(NO ₂) ₃]. <i>Chinese Chemical Letters</i> , 2014 , 25, 844-848 | 8.1 | 15 |
| 60 | A Molecular Ferroelectric Thin Film of Imidazolium Perchlorate That Shows Superior Electromechanical Coupling. <i>Angewandte Chemie</i> , 2014 , 126, 5164-5168 | 3.6 | 13 |
| 59 | An OrderDisorder Ferroelectric HostGuest Inclusion Compound. <i>Angewandte Chemie</i> , 2014 , 126, 2146-2150 | 16.4 | 32 |
| 58 | An order-disorder ferroelectric host-guest inclusion compound. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 2114-8 | 16.4 | 105 |
| 57 | A Displacive-Type Metal Crown Ether Ferroelectric Compound: Ca(NO ₃) ₂ (15-crown-5). <i>Angewandte Chemie</i> , 2014 , 126, 6842-6847 | 3.6 | 12 |
| 56 | Molecular ferroelectrics: where electronics meet biology. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 20786-96 | 3.6 | 74 |
| 55 | Diisopropylammonium bromide is a high-temperature molecular ferroelectric crystal. <i>Science</i> , 2013 , 339, 425-8 | 33.3 | 583 |
| 54 | Tunable and switchable dielectric constant in an amphidynamic crystal. <i>Journal of the American Chemical Society</i> , 2013 , 135, 5230-3 | 16.4 | 264 |
| 53 | Molecule-displacive ferroelectricity in organic supramolecular solids. <i>Scientific Reports</i> , 2013 , 3, 2249 | 4.9 | 39 |
| 52 | 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 | 7.4 | 115 |
| 51 | 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 |
| 50 | Comment on "Ferroelectric order of parallel bistable hydrogen bonds". <i>Physical Review Letters</i> , 2012 , 109, 169601; discussion 169602 | 7.4 | 24 |
| 49 | Ferroelectric metal-organic frameworks. <i>Chemical Reviews</i> , 2012 , 112, 1163-95 | 68.1 | 1008 |
| 48 | 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 |
| 47 | The first example of a molecule-based ferroelectric with barium cation: catena-(μ -nitrito-O,O)-bi-aqua-(18-crown-6)-barium nitrite. <i>Journal of Materials Chemistry</i> , 2012 , 22, 17525 | | 14 |
| 46 | Metal-organic complex ferroelectrics. <i>Chemical Society Reviews</i> , 2011 , 40, 3577-98 | 58.5 | 261 |

| | | | |
|----|---|------|-----|
| 45 | Coexistence of magnetic and electric orderings in the metal-formate frameworks of [NH ₄][M(HCOO) ₃]. <i>Journal of the American Chemical Society</i> , 2011 , 133, 14948-51 | 16.4 | 413 |
| 44 | 4-(cyanomethyl)anilinium perchlorate: a new displacive-type molecular ferroelectric. <i>Physical Review Letters</i> , 2011 , 107, 147601 | 7.4 | 125 |
| 43 | 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, 5658-62 | 24 | 276 |
| 42 | A Multiferroic Perdeutero Metal-Organic Framework. <i>Angewandte Chemie</i> , 2011 , 123, 12153-12157 | 3.6 | 49 |
| 41 | A multiferroic perdeutero metal-organic framework. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 11947-51 | 16.4 | 291 |
| 40 | 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 |
| 39 | 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, 4044-5 | 16.4 | 159 |
| 38 | Ferroelectric Homochiral Organic Molecular Crystals. <i>Crystal Growth and Design</i> , 2010 , 10, 1025-1027 | 3.5 | 18 |
| 37 | Exceptional dielectric phase transitions in a perovskite-type cage compound. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 6608-10 | 16.4 | 254 |
| 36 | Metal-organic coordination compounds for potential ferroelectrics. <i>Coordination Chemistry Reviews</i> , 2009 , 253, 2980-2997 | 23.2 | 196 |
| 35 | Tanklike Metal-Organic Framework Filled with Perchloric Acid and Its Dielectric/Ferroelectric Properties. <i>Crystal Growth and Design</i> , 2009 , 9, 2054-2056 | 3.5 | 18 |
| 34 | New ferroelectrics based on divalent metal ion alum. <i>Journal of the American Chemical Society</i> , 2009 , 131, 12544-5 | 16.4 | 138 |
| 33 | 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 | 3.5 | 42 |
| 32 | The First Homochiral Diamond-Like Coordination Polymer Containing Cubane Cluster (Cu ₄ I ₄) as Connecting Node and Cinchonine as Donor-Acceptor (or Push-Pull Electronic Effect) Building Block. <i>Chinese Journal of Chemistry</i> , 2007 , 25, 1405-1408 | 4.9 | 8 |
| 31 | Ferroelectric metal-organic framework with a high dielectric constant. <i>Journal of the American Chemical Society</i> , 2006 , 128, 6554-5 | 16.4 | 392 |
| 30 | Crystallographic report: Polymeric [diaqua bis(3-pyridylacrylate)zinc(II)]. <i>Applied Organometallic Chemistry</i> , 2005 , 19, 189-190 | 3.1 | 1 |
| 29 | Olefin-Copper(I) Complexes and their Properties. <i>Topics in Catalysis</i> , 2005 , 35, 43-61 | 2.3 | 46 |
| 28 | Crystallographic report: Polymeric {bis[5-(2-aminobenzyl)tetrazolato] cadmium(II)} _n . <i>Applied Organometallic Chemistry</i> , 2004 , 18, 494-495 | 3.1 | 8 |

| | | | |
|----|---|------|-----|
| 27 | Crystallographic report: A two-dimensional homochiral coordination polymer: [cadmium(II) bis(S-(D)-lactate)] _n . <i>Applied Organometallic Chemistry</i> , 2004 , 18, 480-481 | 3.1 | 3 |
| 26 | 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 | 2.3 | 108 |
| 25 | Two Polymeric Complexes of Norfloxacin with Iron(II) and Their Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2003 , 2003, 2920-2923 | 2.3 | 24 |
| 24 | Crystallographic report: Bis(norfloxacin)dilead(II) tetranitrate, [Pb ₂ (H-Norf) ₂ (ONO ₂) ₄]. <i>Applied Organometallic Chemistry</i> , 2003 , 17, 883-884 | 3.1 | 11 |
| 23 | Crystallographic report: Crystal structure of the first alkaline earth metal compound with the antibacterial drug sulfasalazine: [Sr(H-Sulf)(H ₂ O) ₆](H-Sulf)BH ₂ O. <i>Applied Organometallic Chemistry</i> , 2003 , 17, 887-888 | 3.1 | 7 |
| 22 | Unprecedented Homochiral Olefin-Copper(I) 2D Coordination Polymer Grid Based on Chiral Ammonium Salts as Building Blocks. <i>Organometallics</i> , 2003 , 22, 4396-4398 | 3.8 | 21 |
| 21 | 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 | 3.8 | 44 |
| 20 | Novel, acentric metal-organic coordination polymers from hydrothermal reactions involving in situ ligand synthesis. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 3800-3 | 16.4 | 457 |
| 19 | A Novel Three-Dimensional Network Isophthalato-Bridged Lanthanide Complex: {Ln[C ₆ H ₄ (COO) ₂ -1,3](CH ₃ COO)(H ₂ O) ₂ }(H ₂ O). <i>Journal of Coordination Chemistry</i> , 2002 , 55, 835-842 | 1.6 | 20 |
| 18 | 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 | | 104 |
| 17 | Crystal structure of zinc(II) 2-sulfanilamidopyrimidine: a widely used topical burn drug. <i>Dalton Transactions RSC</i> , 2001 , 774-776 | | 54 |
| 16 | In situ ligand synthesis and the first crystallographically characterized lanthanide 3-D pillared networks containing benzene-1,4-disulfonate as a building block. <i>Dalton Transactions RSC</i> , 2001 , 780-782 | | 94 |
| 15 | A Cu(I) coordination polymer employing a nonsteroidal aromatase inhibitor letrozole as a building block. <i>Dalton Transactions RSC</i> , 2001 , 2071-2073 | | 20 |
| 14 | 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 | | 50 |
| 13 | An unprecedented 2-D rhombic molecular grid with a triangular cavity and a V ₄ O ₆ cluster as the corner unit. <i>Dalton Transactions RSC</i> , 2001 , 777-779 | | 10 |
| 12 | 2D molecular square grid with strong blue fluorescent emission: a complex of norfloxacin with zinc(II). <i>Inorganic Chemistry</i> , 2001 , 40, 4075-7 | 5.1 | 173 |
| 11 | A highly stable copper(I)-olefin coordination polymer with strong red fluorescent emission. <i>Chemical Communications</i> , 2000 , 1495-1496 | 5.8 | 48 |
| 10 | X-Ray crystal structures of Mg ²⁺ and Ca ²⁺ dimers of the antibacterial drug norfloxacin. <i>Dalton Transactions RSC</i> , 2000 , 4013-4014 | | 75 |

| | | | |
|---|---|-----|-----|
| 9 | Highly stable copper(I)-olefin coordination polymers capable of co-existing with water and acid. <i>Dalton Transactions RSC</i> , 2000 , 2898-2900 | | 46 |
| 8 | The first chiral 2-D molecular triangular grid. <i>Dalton Transactions RSC</i> , 2000 , 4010-4012 | | 39 |
| 7 | 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 | 5.8 | 143 |
| 6 | MOLECULAR RECOGNITION OF AN ORGANIC MOLECULE THROUGH A TWO DIMENSIONAL SQUARE NETWORK INCLUSION COMPLEX. SYNTHESIS AND CRYSTAL STRUCTURE OF [Cd(4,4'-bpy) ₂ (H ₂ O) ₂] (BF ₄) ₂ · 2(4,4'-bpy) · (C ₆ H ₆ N ₂ O ₂) · 2H ₂ O. <i>Journal of Coordination Chemistry</i> , | 1.6 | 7 |
| 5 | Synthesis, Magnetic and Spectral Properties of One-dimension Chain Adducts of Ni(Bu-dtp) ₂ , NiQ ₂ and Ni(TTA) ₂ with 4,4'-bipyridine. Crystal Structure of [4,4'-(bipy)-Ni(Bu-dtp) ₂] _n (Bu-dtp=dibutyldithiophosphate, Q=8-quinolinol, | 1.1 | 6 |
| 4 | TTA=4,4,4-trifluoro-1-(2-thienyl)-1,3-butanedionate, 4,4'-bipy=4,4'-bipyridine). <i>Spectroscopy Letters</i> , A Novel Dimeric Zinc Complex: Bis(μ-gr-[(dimercaptomethylene)propanedinitrilato-S,S'])tetrakis(4-methylpyridine)dizinc(II)-Chloroform. <i>Inorganic Chemistry</i> , 1997 , 36, 2472-2474 | 5.1 | 16 |
| 3 | Antiwear and Extreme-Pressure Action of Copper(II) Complex With Alkyl Phosphonic Acid Mono Alkyl Ester. <i>Journal of Tribology</i> , 1996 , 118, 676-680 | 1.8 | 2 |
| 2 | The synthesis, characterization and crystal structure of trans-bis-(4-methylpyridine)bis(8-quinolinolato-N1,O8)nickel(II)monohydrate. <i>Transition Metal Chemistry</i> , 1995 , 20, 498-500 | 2.1 | 8 |
| 1 | High-temperature enantiomeric azobenzene-based photoisomerized piezoelectrics: 4-(phenyldiazenyl)anilinium) D- and L-tartrate. <i>Materials Chemistry Frontiers</i> , | 7.8 | 3 |