

# Qiong Ye

## List of Publications by Year in descending order

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71  
papers

3,489  
citations

201674

27  
h-index

144013

57  
g-index

71  
all docs

71  
docs citations

71  
times ranked

2044  
citing authors

#	ARTICLE	IF	CITATIONS
1	Diisopropylammonium Bromide Is a High-Temperature Molecular Ferroelectric Crystal. <i>Science</i> , 2013, 339, 425-428.	12.6	703
2	Symmetry breaking in molecular ferroelectrics. <i>Chemical Society Reviews</i> , 2016, 45, 3811-3827.	38.1	499
3	Dielectric Anisotropy of a Homochiral Trinuclear Nickel(II) Complex. <i>Journal of the American Chemical Society</i> , 2007, 129, 5346-5347.	13.7	175
4	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
5	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
6	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
7	Novel Phase-Transition Materials Coupled with Switchable Dielectric, Magnetic, and Optical Properties: [(CH <sub>3</sub> ) <sub>3</sub> CH <sub>2</sub> ] <sub>4</sub> P[FeCl <sub>4</sub> ] and [(CH <sub>3</sub> ) <sub>3</sub> CH <sub>2</sub> ] <sub>4</sub> P[FeBr <sub>4</sub> ]. <i>Chemistry of Materials</i> , 2014, 26, 6042-6049.	6.7	101
8	Optoelectronic Duple Bistable Switches: A Bulk Molecular Single Crystal and Unidirectional Ultraflexible Thin Film Based on Imidazolium Fluorochromate. <i>Advanced Functional Materials</i> , 2017, 27, 1603945.	14.9	75
9	Reversible Phase Transition of the 1:1 Complexes of 18-Crown-6 with 4-Ethoxyanilinium Perchlorate. <i>Crystal Growth and Design</i> , 2010, 10, 3632-3637.	3.0	63
10	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.	4.0	61
11	Polymorphs and Structural Phase Transition of [Ni(dmit) <sub>2</sub> ] <sup>2+</sup> Crystals Induced by Flexible (<i>trans</i>-Cyclohexane-1,4-diammonium)(Benzo[18]crown-6) <sub>2</sub> Supramolecule. <i>Crystal Growth and Design</i> , 2011, 11, 4175-4182.	3.0	49
12	One-Dimensional Cadmium Thiocyanate Perovskite Ferroelastics Tuned by Halogen Substitution. <i>Chemistry of Materials</i> , 2019, 31, 10236-10242.	6.7	47
13	Perovskite-type organic-inorganic hybrid NLO switches tuned by guest cations. <i>Journal of Materials Chemistry C</i> , 2017, 5, 1529-1536.	5.5	43
14	Red-light emission and dielectric reversible duple opto-electronic switches in a hybrid multifunctional material: (2-methylimidazolium)MnCl <sub>3</sub> (H <sub>2</sub> O). <i>Journal of Materials Chemistry C</i> , 2017, 5, 5458-5464.	5.5	43
15	3D Organic-Inorganic Perovskite Ferroelastic Materials with Two Ferroelastic Phases: [Et <sub>3</sub> P(CH <sub>2</sub> ) <sub>2</sub> ] <sub>2</sub> [Mn(dca) <sub>3</sub> ] and [Et <sub>3</sub> P(CH <sub>2</sub> ) <sub>2</sub> ] <sub>2</sub> [Mn(dca) <sub>3</sub> ]. <i>Chemistry - A European Journal</i> , 2019, 25, 6447-6454.	3.3	43
16	An above-room-temperature phosphonium-based molecular ferroelectric perovskite, [(CH <sub>3</sub> ) <sub>4</sub> P]CdCl <sub>3</sub> , with Sb <sup>3+</sup> -doped luminescence. <i>NPG Asia Materials</i> , 2019, 11, .	7.9	42
17	Tunable phase transition, band gap and SHG properties by halogen replacement of hybrid perovskites [(thiomorpholinium)PbX <sub>3</sub> , X=Cl, Br, I]. <i>Chinese Chemical Letters</i> , 2022, 33, 1032-1036.	9.0	42
18	H/F substituted perovskite compounds with above-room-temperature ferroelasticity: [(CH <sub>3</sub> ) <sub>3</sub> CH <sub>2</sub> ] <sub>4</sub> P[Cd(SCN) <sub>3</sub> ] and [(CH <sub>3</sub> ) <sub>3</sub> CH <sub>2</sub> ] <sub>4</sub> PCH <sub>2</sub> [Cd(SCN) <sub>3</sub> ]. <i>Chemical Communications</i> , 2019, 55, 8418-8421.	4.1	36

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19	Halogen substitution effects on optical and electrical properties in 3D molecular perovskites. <i>Chemical Communications</i> , 2018, 54, 13275-13278.	4.1	35
20	A Switchable Molecular Dielectric with Two Sequential Reversible Phase Transitions: [(CH <sub>3</sub> ) <sub>4</sub> P][Mn(SCN) <sub>6</sub> ]. <i>Inorganic Chemistry</i> , 2015, 54, 10642-10647.	4.0	32
21	[(CH <sub>3</sub> ) <sub>3</sub> PCH <sub>2</sub> OH][CdBr <sub>3</sub> ] is a perovskite-type ferroelastic compound above room temperature. <i>Chemical Communications</i> , 2017, 53, 7756-7759.	4.1	31
22	Full-temperature covered switching material with triple optic-dielectric states in a lead-free hybrid perovskite. <i>Science China Materials</i> , 2020, 63, 2281-2288.	6.3	31
23	Three-Dimensional Metal-Free Molecular Perovskite with a Thermally Induced Switchable Dielectric Response. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 1668-1674.	4.6	31
24	Lead-free organic-inorganic hybrid semiconductors and NLO switches tuned by dimensional design. <i>Journal of Materials Chemistry C</i> , 2021, 9, 4338-4343.	5.5	31
25	Asymmetrical [Ni(dmit) <sub>2</sub> ] <sup>+</sup> Arrangements Induced by (1 <i>R</i> ,2 <i>R</i> )-Cyclohexanediammonium - Crown Ether Supramolecules. <i>Inorganic Chemistry</i> , 2010, 49, 8591-8600.	4.0	30
26	Anion-Regulated Molecular Rotor Crystal: The First Case of a Stator-Rotator Double Switch with Relaxation Behavior. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 4237-4244.	4.6	30
27	Energy Harvesting and Pd(II) Sorption Based on Organic-Inorganic Hybrid Perovskites. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 53799-53806.	8.0	30
28	Dielectric and nonlinear optical dual switching in an organic-inorganic hybrid relaxor [(CH <sub>3</sub> ) <sub>3</sub> PCH <sub>2</sub> OH][Cd(SCN) <sub>3</sub> ]. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 1445-1450.	6.0	29
29	Conformational Polymorph of <i>o</i> -Aminoanilinium(dibenzo[18]crown-6) Supramolecules in [Ni(dmit) <sub>2</sub> ] <sup>+</sup> Salts. <i>Chemistry - an Asian Journal</i> , 2010, 5, 520-529.	3.3	28
30	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.	5.5	28
31	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.	5.5	26
32	A Three-Dimensional Molecular Perovskite Ferroelastic with Two-Step Switching of Quadratic Nonlinear Optical Properties Tuned by Molecular Chiral Design. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 7960-7965.	4.6	26
33	Coexisting Ferroelectric and Ferroelastic Orders in Rare 3D Homochiral Hybrid Bimetal Halides. <i>Chemistry of Materials</i> , 2021, 33, 6233-6239.	6.7	26
34	Semiconducting Organic-Inorganic Hybrid Material with Distinct Switchable Dielectric Phase Transition. <i>Journal of Physical Chemistry C</i> , 2018, 122, 20989-20995.	3.1	25
35	High-temperature dielectric switch and second harmonic generation integrated in a stimulus responsive material. <i>Chinese Chemical Letters</i> , 2021, 32, 539-542.	9.0	25
36	Tunable optoelectronic response multifunctional materials: exploring switching and photoluminescence integrated in flexible thin films/crystals. <i>Journal of Materials Chemistry C</i> , 2020, 8, 7089-7095.	5.5	24

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37	Crystal structures, phase transitions, and switchable dielectric behaviors: comparison of a series of N-heterocyclic ammonium perchlorates. Dalton Transactions, 2015, 44, 8221-8231.	3.3	23
38	Fast and slow integrated single-molecule dual dielectric switch based on a crystal/flexible thin film. Journal of Materials Chemistry C, 2017, 5, 6945-6953.	5.5	23
39	Multifunctional Material with Efficient Optoelectronic Integrated Molecular Switches Based on a Flexible Thin Film/Crystal. Inorganic Chemistry, 2017, 56, 14477-14485.	4.0	23
40	Fluorine Substitution in Ethylamine Triggers Second Harmonic Generation in Noncentrosymmetric Crystalline $[\text{NH}_3\text{CH}_2\text{CH}_2\text{F}]_3\text{BiCl}_6$ . Chemistry of Materials, 2020, 32, 6968-6974.	6.7	21
41	Successive Phase Transitions and Dual Dielectric Switching in an Organic-Inorganic Hybrid Perovskite. Inorganic Chemistry, 2020, 59, 18174-18180.	4.0	20
42	$(\text{C}_7\text{H}_{18}\text{N}_2)\text{PbI}_4$ : A 2D Hybrid Perovskite Solid-State Phase Transition Material with Semiconducting Properties. Inorganic Chemistry, 2021, 60, 10642-10647.	4.0	20
43	Phase transition metal-crown ether coordination compounds tuned by metal ions. Dalton Transactions, 2016, 45, 1000-1006.	3.3	19
44	Reversible Thermal Dielectric Switch Triggered by Blooming-Flower Structural Phase Transition in Ionic Crystal without Metal. Inorganic Chemistry, 2018, 57, 10153-10159.	4.0	19
45	Great advance in high $T_c$ for hybrid photoelectric-switch bulk/film coupled with dielectric and blue-white light. Journal of Materials Chemistry C, 2019, 7, 9840-9849.	5.5	19
46	Molecular design of high-temperature organic dielectric switches. Chemical Communications, 2018, 54, 13111-13114.	4.1	18
47	Phase Transition and Band Gap Regulation by Halogen Substituents on the Organic Cation in Organic-Inorganic Hybrid Perovskite Semiconductors. Chemistry - A European Journal, 2020, 26, 14124-14129.	3.3	18
48	Emergent Chirality and Nonlinear Optical Switching in a Ferroelastic Molecular Perovskite Solid Solution. Chemistry of Materials, 2021, 33, 799-805.	6.7	17
49	Higher-Temperature Dielectric Molecular Motor Induced by Unusual Chair-to-Rotator Motion. Inorganic Chemistry, 2019, 58, 4600-4608.	4.0	16
50	Unique Design Strategy for Dual Phase Transition That Successfully Validates Dual Switch Implementation in the Dielectric Material. Inorganic Chemistry, 2020, 59, 4720-4728.	4.0	16
51	Dielectric switching, SHG response and Pd(II) adsorption of a multifunctional phase-transition complex. Inorganic Chemistry Frontiers, 2021, 8, 4858-4863.	6.0	16
52	Metal regulated organic-inorganic hybrid ferroelastic materials: $[(\text{CH}_3)_3\text{CN}(\text{CH}_3)_2\text{CH}_2\text{F}]_2[\text{MBr}_4]_6$ (M = Cd and Zn). Inorganic Chemistry Frontiers, 2022, 9, 1603-1608.	6.4	16
53	A high-temperature supramolecular-based switchable dielectric material with electrical bistability between high and low dielectric states. CrystEngComm, 2015, 17, 2479-2485.	2.6	15
54	Photoluminescent-dielectric duple switch in a perovskite-type high-temperature phase transition compound: $[(\text{CH}_3)_3\text{PCH}_2\text{OCH}_3][\text{PbBr}_3]$ . Dalton Transactions, 2017, 46, 9528-9534.	3.3	15

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55	Smart and efficient opto-electronic dual response material based on two-dimensional perovskite crystal/thin film. <i>Journal of Materials Chemistry C</i> , 2020, 8, 1953-1961.	5.5	15
56	The First Molecule-Based Blue-Light Optical Dielectric Switching Material in Both Hybrid Bulk Crystal and Flexible Thin Film Forms. <i>Advanced Optical Materials</i> , 2017, 5, 1700743.	7.3	14
57	Exploring high-performance integration in a plastic crystal/film with switching and semiconducting behavior. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 1239-1249.	6.0	14
58	Lead-free Single-molecule Switching Material with Electric, Optical, Thermal Triple Controllable Multifunction Based on Perovskite-like Crystal and Flexible Thin Film. <i>Scientific Reports</i> , 2017, 7, 12493.	3.3	13
59	Challenge in optoelectronic duplex switches: a red emission large-size single crystal and a unidirectional flexible thin film of a hybrid multifunctional material. <i>Dalton Transactions</i> , 2018, 47, 2344-2351.	3.3	13
60	A one-dimensional switchable dielectric material with Pd uptake function: [(CH <sub>2</sub> ) <sub>3</sub> NH <sub>2</sub> S] <sub>2</sub> BiCl <sub>5</sub> . <i>Chemical Communications</i> , 2020, 56, 13764-13767.	4.1	13
61	An Order-Disorder Type High-Temperature Multiaxial Supramolecular Ferroelectric. <i>Advanced Electronic Materials</i> , 2022, 8, 2100635.	5.1	13
62	Phosphonium-Based One-Dimensional Perovskite with Switchable Dielectric Behaviors and Phase Transitions. <i>Inorganic Chemistry</i> , 2020, 59, 18396-18401.	4.0	12
63	Visual low-high interchange in a dielectric switch for trimethylchloroethylamine tetrachlorozincate with a large leap symmetry breaking. <i>Materials Chemistry Frontiers</i> , 2019, 3, 2077-2082.	5.9	10
64	Flexible Thin Film and Bulk Switchable Relaxor Coexisting Most Optimal 473 nm Blue Light without Blue-Light Hazard/Visual Injury. <i>Journal of Physical Chemistry C</i> , 2019, 123, 28385-28391.	3.1	9
65	A rare 3D hybrid bimetal halide ferroelectric: (3-Hydroxypyrrrolidinium) <sub>2</sub> RbBiBr <sub>6</sub> . <i>Science China Materials</i> , 2022, 65, 2879-2883.	6.3	9
66	Heat-sensitive structural phase transitions of hybrid halide perovskite with double dielectric ON/OFF switches. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 2340-2345.	6.0	8
67	Switchable Dielectric Phase Transition Triggered by Pendulum-Like Motion in an Ionic Co-crystal. <i>Chemistry - an Asian Journal</i> , 2018, 13, 2916-2922.	3.3	8
68	High-temperature phase transitions, switchable dielectric behaviors and barocaloric effects in three new organic molecule-based crystals. <i>New Journal of Chemistry</i> , 2019, 43, 154-161.	2.8	8
69	A high-temperature multiaxial precision time-delayed dielectric switch crystal triggered by linear/propeller/ball three-form motion. <i>Journal of Materials Chemistry C</i> , 2019, 7, 2994-3002.	5.5	8
70	One- and two-dimensional CdII coordination polymers constructed from 2-(2-methyl-1H-benzimidazol-1-yl)acetate ligands. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2014, 70, 992-997.	0.5	4
71	Hydrothermal Synthesis of Two Zinc Coordination Polymers with 1-(1H-tetrazol-5-ylmethyl)-1H-benzotriazole Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013, 639, 2317-2323.		2