

Qiong Ye

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Tunable phase transition, band gap and SHG properties by halogen replacement of hybrid perovskites [(thiomorpholinium)PbX ₃ , X=Cl, Br, I]. Chinese Chemical Letters, 2022, 33, 1032-1036.	4.8	42
2	An Order-Disorder Type High-Temperature Multiaxial Supramolecular Ferroelectric. Advanced Electronic Materials, 2022, 8, 2100635.	2.6	13
3	Metal regulated organic-inorganic hybrid ferroelastic materials: [(CH ₃) ₃ CN(CH ₃) ₂ CH ₂ F] ₂ [MBr ₄] ₆ (M = Cd and Zn). Inorganic Chemistry Frontiers, 2022, 9, 1603-1608.	4.4	16
4	A rare 3D hybrid bimetal halide ferroelectric: (3-Hydroxypyrrrolidinium) ₂ RbBiBr ₆ . Science China Materials, 2022, 65, 2879-2883.	3.5	9
5	High-temperature dielectric switch and second harmonic generation integrated in a stimulus responsive material. Chinese Chemical Letters, 2021, 32, 539-542.	4.8	25
6	Emergent Chirality and Nonlinear Optical Switching in a Ferroelastic Molecular Perovskite Solid Solution. Chemistry of Materials, 2021, 33, 799-805.	3.2	17
7	Lead-free organic-inorganic hybrid semiconductors and NLO switches tuned by dimensional design. Journal of Materials Chemistry C, 2021, 9, 4338-4343.	2.7	31
8	Dielectric switching, SHG response and Pd(II) adsorption of a multifunctional phase-transition complex. Inorganic Chemistry Frontiers, 2021, 8, 4858-4863.	3.0	16
9	Coexisting Ferroelectric and Ferroelastic Orders in Rare 3D Homochiral Hybrid Bimetal Halides. Chemistry of Materials, 2021, 33, 6233-6239.	3.2	26
10	(C ₇ H ₁₈ N ₂)Pb ₄ : A 2D Hybrid Perovskite Solid-State Phase Transition Material with Semiconducting Properties. Inorganic Chemistry, 2021, 60, 10642-10647.	1.9	20
11	Smart and efficient opto-electronic dual response material based on two-dimensional perovskite crystal/thin film. Journal of Materials Chemistry C, 2020, 8, 1953-1961.	2.7	15
12	A one-dimensional switchable dielectric material with Pd uptake function: [(CH ₂) ₃ NH ₂ S] ₂ BiCl ₅ . Chemical Communications, 2020, 56, 13764-13767.	2.2	13
13	Phosphonium-Based One-Dimensional Perovskite with Switchable Dielectric Behaviors and Phase Transitions. Inorganic Chemistry, 2020, 59, 18396-18401.	1.9	12
14	Energy Harvesting and Pd(II) Sorption Based on Organic-Inorganic Hybrid Perovskites. ACS Applied Materials & Interfaces, 2020, 12, 53799-53806.	4.0	30
15	Fluorine Substitution in Ethylamine Triggers Second Harmonic Generation in Noncentrosymmetric Crystalline [NH ₃ CH ₂ CH ₂ F] ₃ BiCl ₆ . Chemistry of Materials, 2020, 32, 6968-6974.	3.2	21
16	A Three-Dimensional Molecular Perovskite Ferroelastic with Two-Step Switching of Quadratic Nonlinear Optical Properties Tuned by Molecular Chiral Design. Journal of Physical Chemistry Letters, 2020, 11, 7960-7965.	2.1	26
17	Successive Phase Transitions and Dual Dielectric Switching in an Organic-Inorganic Hybrid Perovskite. Inorganic Chemistry, 2020, 59, 18174-18180.	1.9	20
18	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.	1.7	18

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19	Unique Design Strategy for Dual Phase Transition That Successfully Validates Dual Switch Implementation in the Dielectric Material. <i>Inorganic Chemistry</i> , 2020, 59, 4720-4728.	1.9	16
20	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.	3.5	31
21	Exploring high-performance integration in a plastic crystal/film with switching and semiconducting behavior. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 1239-1249.	3.0	14
22	Three-Dimensional Metal-Free Molecular Perovskite with a Thermally Induced Switchable Dielectric Response. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 1668-1674.	2.1	31
23	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.	2.7	24
24	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.	3.2	10
25	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.	2.1	30
26	Great advance in high T_c for hybrid photoelectric-switch bulk/film coupled with dielectric and blue-white light. <i>Journal of Materials Chemistry C</i> , 2019, 7, 9840-9849.	2.7	19
27	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.	1.5	9
28	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.	1.4	8
29	H/F substituted perovskite compounds with above-room-temperature ferroelasticity: $[(CH_3)_3P(CH_2)_4] [Cd(SCN)_3]$ and $[(CH_3)_3P(CH_2)_3] [PCH_2F] [Cd(SCN)_3]$. <i>Chemical Communications</i> , 2019, 55, 8418-8421.	2.2	36
30	Higher-Temperature Dielectric Molecular Motor Induced by Unusual Chair-to-Rotator Motion. <i>Inorganic Chemistry</i> , 2019, 58, 4600-4608.	1.9	16
31	3D Organic-Inorganic Perovskite Ferroelastic Materials with Two Ferroelastic Phases: $[Et_3P(CH_2)_2] [Mn(dca)_3]$ and $[Et_3P(CH_2)_2] [Mn(dca)_3]$. <i>Chemistry - A European Journal</i> , 2019, 25, 6447-6454.	1.7	43
32	An above-room-temperature phosphonium-based molecular ferroelectric perovskite, $[(CH_3)_4P]CdCl_3$, with Sb^{3+} -doped luminescence. <i>NPG Asia Materials</i> , 2019, 11, .	3.8	42
33	A high-temperature multi-axial 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.	2.7	8
34	One-Dimensional Cadmium Thiocyanate Perovskite Ferroelastics Tuned by Halogen Substitution. <i>Chemistry of Materials</i> , 2019, 31, 10236-10242.	3.2	47
35	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.	1.6	13
36	Halogen substitution effects on optical and electrical properties in 3D molecular perovskites. <i>Chemical Communications</i> , 2018, 54, 13275-13278.	2.2	35

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37	Molecular design of high-temperature organic dielectric switches. <i>Chemical Communications</i> , 2018, 54, 13111-13114.	2.2	18
38	Reversible Thermal Dielectric Switch Triggered by Blooming-Flower Structural Phase Transition in Ionic Crystal without Metal. <i>Inorganic Chemistry</i> , 2018, 57, 10153-10159.	1.9	19
39	Heat-sensitive structural phase transitions of hybrid halide perovskite with double dielectric ON/OFF switches. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 2340-2345.	3.0	8
40	Switchable Dielectric Phase Transition Triggered by Pendulum-Like Motion in an Ionic Co-Crystal. <i>Chemistry - an Asian Journal</i> , 2018, 13, 2916-2922.	1.7	8
41	Semiconducting Organic-Inorganic Hybrid Material with Distinct Switchable Dielectric Phase Transition. <i>Journal of Physical Chemistry C</i> , 2018, 122, 20989-20995.	1.5	25
42	Perovskite-type organic-inorganic hybrid NLO switches tuned by guest cations. <i>Journal of Materials Chemistry C</i> , 2017, 5, 1529-1536.	2.7	43
43	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.	1.9	61
44	Red-light emission and dielectric reversible duple opto-electronic switches in a hybrid multifunctional material: (2-methylimidazolium) $MnCl_3(H_2O)$. <i>Journal of Materials Chemistry C</i> , 2017, 5, 5458-5464.	2.7	43
45	Dielectric and nonlinear optical dual switching in an organic-inorganic hybrid relaxor $[(CH_3)_3PCH_2OH][Cd(SCN)_3]$. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 1445-1450.	3.0	29
46	$[(CH_3)_3PCH_2OH][CdBr_3]$ is a perovskite-type ferroelastic compound above room temperature. <i>Chemical Communications</i> , 2017, 53, 7756-7759.	2.2	31
47	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.	7.8	75
48	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.	1.6	13
49	Photoluminescent-dielectric duple switch in a perovskite-type high-temperature phase transition compound: $[(CH_3)_3PCH_2OCH_3][PbBr_3]$. <i>Dalton Transactions</i> , 2017, 46, 9528-9534.	1.6	15
50	Fast and slow integrated single-molecule dual dielectric switch based on a crystal/flexible thin film. <i>Journal of Materials Chemistry C</i> , 2017, 5, 6945-6953.	2.7	23
51	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.	3.6	14
52	Multifunctional Material with Efficient Optoelectronic Integrated Molecular Switches Based on a Flexible Thin Film/Crystal. <i>Inorganic Chemistry</i> , 2017, 56, 14477-14485.	1.9	23
53	Symmetry breaking in molecular ferroelectrics. <i>Chemical Society Reviews</i> , 2016, 45, 3811-3827.	18.7	499
54	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.	2.7	28

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55	Phase transition metal-crown ether coordination compounds tuned by metal ions. Dalton Transactions, 2016, 45, 1000-1006.	1.6	19
56	A high-temperature supramolecular-based switchable dielectric material with electrical bistability between high and low dielectric states. CrystEngComm, 2015, 17, 2479-2485.	1.3	15
57	A prominent dielectric material with extremely high-temperature and reversible phase transition in the high thermally stable perovskite-like architecture. Journal of Materials Chemistry C, 2015, 3, 6350-6358.	2.7	26
58	Crystal structures, phase transitions, and switchable dielectric behaviors: comparison of a series of N-heterocyclic ammonium perchlorates. Dalton Transactions, 2015, 44, 8221-8231.	1.6	23
59	A Switchable Molecular Dielectric with Two Sequential Reversible Phase Transitions: [(CH ₃) ₃ P] ₄ [Mn(SCN) ₆]. Inorganic Chemistry, 2015, 54, 10642-10647.	1.9	32
60	One- and two-dimensional CdII coordination polymers constructed from 2-(2-methyl-1H-benzimidazol-1-yl)acetate ligands. Acta Crystallographica Section C, Structural Chemistry, 2014, 70, 992-997.	0.2	4
61	Switchable Dielectric, Piezoelectric, and Second Harmonic Generation Bistability in a New Improper Ferroelectric above Room Temperature. Advanced Materials, 2014, 26, 4515-4520.	11.1	146
62	Novel Phase-Transition Materials Coupled with Switchable Dielectric, Magnetic, and Optical Properties: [(CH ₃) ₃ P] ₄ [FeCl ₄] and [(CH ₃) ₃ P] ₄ [FeBr ₄]. Chemistry of Materials, 2014, 26, 6042-6049.	3.2	101
63	Diisopropylammonium Bromide Is a High-Temperature Molecular Ferroelectric Crystal. Science, 2013, 339, 425-428.	6.0	703
64	4-Methoxyanilinium Perrhenate 18-Crown-6: A New Ferroelectric with Order Originating in Swinglike Motion Slowing Down. Physical Review Letters, 2013, 110, 257601.	2.9	141
65	Hydrothermal Synthesis of Two Zinc Coordination Polymers with 1-(1H-tetrazol-5-ylmethyl)-1H-benzotriazole Ligands. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 2317-2323.		2
66	Ferroelectricity Induced by Ordering of Twisting Motion in a Molecular Rotor. Journal of the American Chemical Society, 2012, 134, 11044-11049.	6.6	155
67	Polymorphs and Structural Phase Transition of [Ni(dmit) ₂] ²⁺ Crystals Induced by Flexible (trans-Cyclohexane-1,4-diammonium)(Benzo[18]crown-6) ₂ Supramolecule. Crystal Growth and Design, 2011, 11, 4175-4182.	1.4	49
68	Conformational Polymorph of o-Aminoanilinium(dibenzo[18]crown-6) Supramolecules in [Ni(dmit) ₂] ²⁺ Salts. Chemistry - an Asian Journal, 2010, 5, 520-529.	1.7	28
69	Asymmetrical [Ni(dmit) ₂] ²⁺ Arrangements Induced by (1R,2R)-Cyclohexanediammonium - Crown Ether Supramolecules. Inorganic Chemistry, 2010, 49, 8591-8600.	1.9	30
70	Reversible Phase Transition of the 1:1 Complexes of 18-Crown-6 with 4-Ethoxyanilinium Perchlorate. Crystal Growth and Design, 2010, 10, 3632-3637.	1.4	63
71	Dielectric Anisotropy of a Homochiral Trinuclear Nickel(II) Complex. Journal of the American Chemical Society, 2007, 129, 5346-5347.	6.6	175