

Hai-Xia Zhao

List of Publications by Year in descending order

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papers

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26
all docs

26
docs citations

26
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672
citing authors

#	ARTICLE	IF	CITATIONS
1	Transition from one-dimensional water to ferroelectric ice within a supramolecular architecture. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 3481-3486.	7.1	94
2	High Proton Conduction in Two Co ^{II} and Mn ^{II} Anionic Metal-Organic Frameworks Derived from 1,3,5-Benzenetricarboxylic Acid. Crystal Growth and Design, 2016, 16, 6776-6780.	3.0	73
3	Construction of Magnetolectric Composites with a Large Room-Temperature Magnetolectric Response through Molecular-Ionic Ferroelectrics. Advanced Materials, 2018, 30, e1803716.	21.0	44
4	Inorganic-Organic Hybrid Molecular Materials: From Multiferroic to Magnetolectric. Advanced Materials, 2021, 33, e2004542.	21.0	40
5	Coexistence of Magnetic-Optic-Electric Triple Switching and Thermal Energy Storage in a Multifunctional Plastic Crystal of Trimethylchloromethyl Ammonium Tetrachloroferrate(III). Inorganic Chemistry, 2019, 58, 655-662.	4.0	39
6	Giant Room-Temperature Magnetodielectric Response in a MOF at 0.1 Tesla. Advanced Materials, 2017, 29, 1702512.	21.0	30
7	Room-Temperature Magnetolectric Coupling in Electronic Ferroelectric Film based on $[(\text{C}_3\text{H}_7)_4\text{N}][\text{Fe}^{\text{III}}\text{Fe}^{\text{II}}(\text{dto})_3]$ (dto = $\text{C}_2\text{O}_2\text{S}_2$). Journal of the American Chemical Society, 2021, 143, 5779-5785.	13.7	29
8	Room Temperature Lead-Free Multiaxial Inorganic-Organic Hybrid Ferroelectric. Inorganic Chemistry, 2019, 58, 13953-13959.	4.0	27
9	Experimental and theoretical demonstration of ferroelectric anisotropy in a one-dimensional copper(ii)-based coordination polymer. Chemical Communications, 2009, , 1644.	4.1	25
10	The Mechanism of the Magnetodielectric Response in a Molecule-Based Trinuclear Iron Cluster Material. Angewandte Chemie - International Edition, 2020, 59, 14409-14413.	13.8	21
11	Achievement of a giant piezoelectric coefficient and piezoelectric voltage coefficient through plastic molecular-based ferroelectric materials. Matter, 2022, 5, 1296-1304.	10.0	21
12	An insight into the magnetolectric coupling effect in the MOF of $[\text{NH}_2(\text{CH}_3)_2\text{n}][\text{Fe}^{\text{III}}\text{Fe}^{\text{II}}(\text{HCOO})_6]\text{n}$. Applied Physics Letters, 2017, 110, 192902.	3.3	20
13	The influence of water on dielectric property in cocrystal compound of [orotic acid][melamine]·H ₂ O. CrystEngComm, 2011, 13, 6361.	2.6	19
14	An above-room-temperature switchable molecular dielectric with a large dielectric change between high and low dielectric states. Science China Chemistry, 2013, 56, 917-922.	8.2	11
15	Room-Temperature Magnetolectric Response in Molecular-Ionic Ferroelectric-Based Magnetolectric Composites. Physica Status Solidi - Rapid Research Letters, 2020, 14, 1900644.	2.4	8
16	Polar Molecule-Based Material with Optic-Electric Switching Constructed by Polar Anions. Inorganic Chemistry, 2020, 59, 5475-5482.	4.0	8
17	The Mechanism of the Magnetodielectric Response in a Molecule-Based Trinuclear Iron Cluster Material. Angewandte Chemie, 2020, 132, 14515-14519.	2.0	6
18	Dielectric Tunability, Expanding the Function of Metal-Organic Frameworks. Physica Status Solidi - Rapid Research Letters, 2018, 12, 1700425.	2.4	5

#	ARTICLE	IF	CITATIONS
19	Thermal energy storage in a supramolecular assembly of $[C_{60}H_{11}NH_3]^+ [CF_3COO]^- (C_{16}H_{11})$	3.6	4
20	A breakthrough in the intrinsic multiferroic temperature region in Prussian blue analogues. RSC Advances, 2019, 9, 41832-41836.	3.6	4
21	Magnetodielectric Response in a Layered Mixed-Valence Ferrimagnetic Molecular Compound. Inorganic Chemistry, 2021, 60, 3565-3571.	4.0	4
22	Tuning Order-Disorder Phase Transition through Regulating the Substituent Group of Anion. Chinese Journal of Chemistry, 2017, 35, 957-963.	4.9	3
23	Room-Temperature Magnetoelectric Response in Molecular "Ionic Ferroelectric" Based Magnetoelectric Composites. Physica Status Solidi - Rapid Research Letters, 2020, 14, 2070018.	2.4	0
24	A polar oxyhalogen-vanadate compound $(C_5NH_{13}Cl)_2VOCl_4$ with optical and two-staged dielectric switch behavior. Dalton Transactions, 2021, 50, 9293-9297.	3.3	0