

Chang-Yuan Su

List of Publications by Year in descending order

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16
papers

1,428
citations

759233

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940533

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16
docs citations

16
times ranked

2111
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal ion modulation triggers dielectric double switching and green fluorescence in $A_{2}MX_{4}$ -type compounds. Dalton Transactions, 2022, 51, 2005-2011.	3.3	28
2	The construction of a two-dimensional organic-inorganic hybrid double perovskite ferroelastic with a high T_{c} and narrow band gap. Chemical Science, 2022, 13, 4794-4800.	7.4	46
3	Dehydration-activated structural phase transition in a two-dimensional hybrid double perovskite. Dalton Transactions, 2022, 51, 7783-7789.	3.3	10
4	A ferroelastic molecular rotator $[(Me_{2}N(CH_{2})_{2}NH_{3})(18\text{-crown-6})]triflate$ with dual dielectric switches. Materials Chemistry Frontiers, 2022, 6, 1929-1937.	5.9	13
5	Mechanochemistry enables optical-electrical multifunctional response and tunability in two-dimensional hybrid perovskites. Science China Materials, 2021, 64, 706-716.	6.3	40
6	A-site cation with high vibrational motion in ABX_{3} perovskite effectively induces dielectric phase transition. Dalton Transactions, 2021, 50, 3841-3847.	3.3	15
7	Ferroelastic Hybrid Bismuth Bromides with Dual Dielectric Switches. Chemistry of Materials, 2021, 33, 5790-5799.	6.7	47
8	Organic-Inorganic Hybrid Crystal $[1\text{-methylpiperidinium}]_{2}[ZnCl_{4}]$ with High T_{c} Phase Transition and Dielectric Switches. European Journal of Inorganic Chemistry, 2021, 2021, 4307-4313.	2.0	6
9	Regulated molecular rotor in phase transition materials with switchable dielectric and SHG effect. Materials Chemistry Frontiers, 2020, 4, 3003-3012.	5.9	16
10	Methylation Design Strategy to Trigger a Dual Dielectric Switch and Improve the Phase Transition Temperature. Inorganic Chemistry, 2020, 59, 16635-16643.	4.0	6
11	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
12	Atomic Modulation of $FeCo$ -Nitrogen-Carbon Bifunctional Oxygen Electrodes for Rechargeable and Flexible All-Solid-State Zinc-Air Battery. Advanced Energy Materials, 2017, 7, 1602420.	19.5	692
13	Interacting $ZnCo_{2}O_{4}$ and Au nanodots on carbon nanotubes as highly efficient water oxidation electrocatalyst. Journal of Power Sources, 2017, 357, 1-10.	7.8	76
14	A modified molecular framework derived highly efficient $Mn-Co$ -carbon cathode for a flexible Zn -air battery. Chemical Communications, 2017, 53, 11596-11599.	4.1	75
15	Zinc-Air Batteries: Atomic Modulation of $FeCo$ -Nitrogen-Carbon Bifunctional Oxygen Electrodes for Rechargeable and Flexible All-Solid-State Zinc-Air Battery (Adv. Energy Mater. 13/2017). Advanced Energy Materials, 2017, 7, .	19.5	3
16	$Cu_{1-x}Co_{x}$ Bimetallic Oxide Quantum Dot Decorated Nitrogen-Doped Carbon Nanotubes: A High-Efficiency Bifunctional Oxygen Electrode for Zn -Air Batteries. Advanced Functional Materials, 2017, 27, 1701833.	14.9	339