

Chang-Yuan Su

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

1,428
citations

759233

12
h-index

940533

16
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all docs

16
docs citations

16
times ranked

2111
citing authors

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