

# Chao Yun

## List of Publications by Year in descending order

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22  
papers

625  
citations

687363

13  
h-index

677142

22  
g-index

23  
all docs

23  
docs citations

23  
times ranked

1157  
citing authors

#	ARTICLE	IF	CITATIONS
1	Strongly enhanced dielectric and energy storage properties in lead-free perovskite titanate thin films by alloying. <i>Nano Energy</i> , 2018, 45, 398-406.	16.0	95
2	Bottom-up Formation of Carbon-Based Structures with Multilevel Hierarchy from MOF-Guest Polyhedra. <i>Journal of the American Chemical Society</i> , 2018, 140, 6130-6136.	13.7	87
3	Self-assembled oxide films with tailored nanoscale ionic and electronic channels for controlled resistive switching. <i>Nature Communications</i> , 2016, 7, 12373.	12.8	81
4	New approaches for achieving more perfect transition metal oxide thin films. <i>APL Materials</i> , 2020, 8, .	5.1	64
5	Observation of the Orbital Rashba-Edelstein Magnetoresistance. <i>Physical Review Letters</i> , 2022, 128, 067201.	7.8	46
6	Structure Engineering of 2D Materials toward Magnetism Modulation. <i>Small Structures</i> , 2021, 2, 2100077.	12.0	41
7	Design of a Vertical Composite Thin Film System with Ultralow Leakage To Yield Large Converse Magnetoelectric Effect. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 18237-18245.	8.0	24
8	Interface Engineered Room-Temperature Ferromagnetic Insulating State in Ultrathin Manganite Films. <i>Advanced Science</i> , 2020, 7, 1901606.	11.2	24
9	High Yield Transfer of Clean Large-Area Epitaxial Oxide Thin Films. <i>Nano-Micro Letters</i> , 2021, 13, 39.	27.0	23
10	Ferromagnetism in two-dimensional $\text{Fe}_3\text{Mn}_2\text{S}_8$ ; Tunability by hydrostatic pressure. <i>Physical Review B</i> , 2021, 103, .	8.2	18
11	Self-biased magnetoelectric switching at room temperature in three-phase ferroelectric-antiferromagnetic-ferrimagnetic nanocomposites. <i>Nature Electronics</i> , 2021, 4, 333-341.	26.0	18
12	All-Oxide Nanocomposites to Yield Large, Tunable Perpendicular Exchange Bias above Room Temperature. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 42593-42602.	8.0	16
13	Vertical Strain-Driven Antiferromagnetic to Ferromagnetic Phase Transition in $\text{EuTiO}_3$ Nanocomposite Thin Films. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 8513-8521.	8.0	14
14	Anomalous Hall effect in magnetic insulator heterostructures: Contributions from spin-Hall and magnetic-proximity effects. <i>Physical Review B</i> , 2021, 104, .	3.2	13
15	Achieving ferromagnetic insulating properties in $\text{La}_{0.9}\text{Ba}_{0.1}\text{MnO}_3$ thin films through nanoengineering. <i>Nanoscale</i> , 2020, 12, 9255-9265.	5.6	12
16	Insulating-to-conducting behavior and band profile across the $\text{La}_{0.9}\text{MnO}_3$ epitaxial interface. <i>Physical Review B</i> , 2017, 96, .	9.2	11
17	Use of Mesoscopic Host Matrix to Induce Ferrimagnetism in Antiferromagnetic Spinel Oxide. <i>Advanced Functional Materials</i> , 2018, 28, 1706220.	14.9	10
18	High performance, electroforming-free, thin film memristors using ionic $\text{Na}_{0.5}\text{Bi}_{0.5}\text{TiO}_3$ . <i>Journal of Materials Chemistry C</i> , 2021, 9, 4522-4531.	5.5	10

#	ARTICLE	IF	CITATIONS
19	Strain-gradient effects in nanoscale-engineered magnetoelectric materials. <i>APL Materials</i> , 2021, 9, .	5.1	10
20	High-temperature properties and enhanced magnetic properties by magnetic field heat treatment of $\text{D022 Mn}_3\text{As}_x\text{Ga}$ ( $x = 0, 0.2, \text{ and } 0.4$ ) alloys. <i>Applied Physics Letters</i> , 2021, 119, .	3.3	4
21	Creating Ferromagnetic Insulating $\text{La}_{0.9}\text{Ba}_{0.1}\text{MnO}_3$ Thin Films by Tuning Lateral Coherence Length. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 8863-8870.	8.0	3
22	A novel strategy for the fabrication of high-performance nanostructured Ce-Fe-B magnetic materials via electron-beam exposure. <i>Science China Materials</i> , 2021, 64, 2519-2529.	6.3	1