

# Chao Yun

## List of Publications by Year in descending order

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Version: 2024-02-01

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  | Observation of the Orbital Rashba-Edelstein Magnetoresistance. <i>Physical Review Letters</i> , 2022, 128, 067201.   | 7.8  | 46        |
| 2  | High Yield Transfer of Clean Large-Area Epitaxial Oxide Thin Films. <i>Nano-Micro Letters</i> , 2021, 13, 39.  | 27.0 | 23        |
| 3  | 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        |
| 4  | 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         |
| 5  | Strain-gradient effects in nanoscale-engineered magnetoelectric materials. <i>APL Materials</i> , 2021, 9, .   | 5.1  | 10        |
| 6  | Ferromagnetism in two-dimensional $\text{FeMn}_2\text{O}_8$ ; Tunability by hydrostatic pressure. <i>Physical Review B</i> , 2021, 103, .  | 3.2  | 18        |
| 7  | 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         |
| 8  | 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        |
| 9  | High-temperature properties and enhanced magnetic properties by magnetic field heat treatment of $\text{D}_{022}\text{Mn}_3\text{Ga}$ ( $x = 0, 0.2, \text{ and } 0.4$ ) alloys. <i>Applied Physics Letters</i> , 2021, 119, . | 3.3  | 4         |
| 10 | Structure Engineering of 2D Materials toward Magnetism Modulation. <i>Small Structures</i> , 2021, 2, 2100077.   | 12.0 | 41        |
| 11 | 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        |
| 12 | Interface Engineered Room-Temperature Ferromagnetic Insulating State in Ultrathin Manganite Films. <i>Advanced Science</i> , 2020, 7, 1901606.   | 11.2 | 24        |
| 13 | New approaches for achieving more perfect transition metal oxide thin films. <i>APL Materials</i> , 2020, 8, .   | 5.1  | 64        |
| 14 | 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        |
| 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 | 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        |
| 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 | 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        |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 19 | All-Oxide Nanocomposites to Yield Large, Tunable Perpendicular Exchange Bias above Room Temperature. ACS Applied Materials & Interfaces, 2018, 10, 42593-42602.  | 8.0  | 16        |
| 20 | Design of a Vertical Composite Thin Film System with Ultralow Leakage To Yield Large Converse Magnetoelectric Effect. ACS Applied Materials & Interfaces, 2018, 10, 18237-18245.   | 8.0  | 24        |
| 21 | Insulating-to-conducting behavior and band profile across the $\text{La}_{0.9}\text{Ca}_{0.1}\text{MnO}_3/\text{La}_{0.9}\text{Ca}_{0.1}\text{MnO}_3/\text{La}_{0.9}\text{Ca}_{0.1}\text{MnO}_3$ epitaxial interface. Physical Review B, 2017, 96, . | 12.8 | 81        |
| 22 | Self-assembled oxide films with tailored nanoscale ionic and electronic channels for controlled resistive switching. Nature Communications, 2016, 7, 12373.  | 12.8 | 81        |