

Shuai Ning

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Exsolution Synthesis of Nanocomposite Perovskites with Tunable Electrical and Magnetic Properties. <i>Advanced Functional Materials</i> , 2022, 32, 2108005.	14.9	20
2	Antisite Defects Stabilized by Antiphase Boundaries in YFeO_3 Thin Films. <i>Advanced Functional Materials</i> , 2022, 32, 2107017.	14.9	7
3	Magnetoelectric Vertically Aligned Nanocomposite of YFeO_3 and CoFe_2O_4 . <i>Advanced Electronic Materials</i> , 2022, 8, .	5.1	5
4	Challenges and opportunities for spintronics based on spin orbit torque. <i>Fundamental Research</i> , 2022, 2, 535-538.	3.3	5
5	Magnetoelectric coupling in self-assembled $\text{BiFeO}_3/\text{CoFe}_2\text{O}_4$ nanocomposites on (110)- LaAlO_3 substrates. <i>APL Materials</i> , 2021, 9, 041109.	5.1	9
6	An antisite defect mechanism for room temperature ferroelectricity in orthoferrites. <i>Nature Communications</i> , 2021, 12, 4298.	12.8	32
7	Magnetism and site occupancy in epitaxial Y-rich yttrium iron garnet films. <i>Physical Review Materials</i> , 2021, 5, .	2.4	11
8	First-principles calculation of oxygen vacancy effects on the magnetic properties of the perovskite SrNiO_3 . <i>Physical Review Materials</i> , 2021, 5, .	2.4	7
9	Voltage Control of Magnetism above Room Temperature in Epitaxial $\text{SrCo}_2\text{FeO}_7$. <i>ACS Nano</i> , 2020, 14, 8949-8957.	14.6	31
10	Tailoring plasmonic properties of Ag-SiO ₂ nanorods and their surface-enhanced Raman scattering activities. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 404001.	2.8	2
11	Self-assembled multiferroic perovskite/spinel nanocomposite thin films: epitaxial growth, templating and integration on silicon. <i>Journal of Materials Chemistry C</i> , 2019, 7, 9128-9148.	5.5	35
12	Anomalous Defect Dependence of Thermal Conductivity in Epitaxial WO_3 Thin Films. <i>Advanced Materials</i> , 2019, 31, e1903738.	21.0	23
13	Structure, Ferroelectricity, and Magnetism in Self-Assembled $\text{BiFeO}_3/\text{CoFe}_2\text{O}_4$ Nanocomposites on (110)- LaAlO_3 Substrates. <i>Advanced Electronic Materials</i> , 2019, 5, 1900012.	5.1	13
14	XMCD study of magnetism and valence state in iron-substituted strontium titanate. <i>Physical Review Materials</i> , 2019, 3, .	2.4	7
15	Ferroelectric domains and phase transition of sol-gel processed epitaxial Sm-doped BiFeO_3 (001) thin films. <i>Journal of Materiomics</i> , 2018, 4, 27-34.	5.7	11
16	Thermal conductivity in self-assembled $\text{CoFe}_2\text{O}_4/\text{BiFeO}_3$ vertical nanocomposite films. <i>Applied Physics Letters</i> , 2018, 113, .	3.3	5
17	Antireflective coatings with enhanced adhesion strength. <i>Nanoscale</i> , 2017, 9, 11047-11054.	5.6	28
18	Dependence of the Thermal Conductivity of BiFeO_3 Thin Films on Polarization and Structure. <i>Physical Review Applied</i> , 2017, 8, .	3.8	31

#	ARTICLE	IF	CITATIONS
19	Fe_2O_3 nanopillar arrays fabricated by electron beam evaporation for the photoassisted degradation of dyes with H_2O_2 . RSC Advances, 2016, 6, 534-540.	3.6	7
20	High-magnetic field annealing effect on room-temperature ferromagnetism enhancement of un-doped HfO_2 thin films. Applied Physics A: Materials Science and Processing, 2015, 119, 917-921.	2.3	1
21	Defects-Driven Ferromagnetism in Undoped Dilute Magnetic Oxides: A Review. Journal of Materials Science and Technology, 2015, 31, 969-978.	10.7	49
22	Phase-dependent and defect-driven d^0 ferromagnetism in undoped ZrO_2 thin films. RSC Advances, 2015, 5, 3636-3641.	3.6	32
23	Defect characterization and magnetic properties in un-doped ZnO thin film annealed in a strong magnetic field. Chinese Physics B, 2014, 23, 127503.	1.4	13
24	Room-temperature ferromagnetism in un-doped ZrO_2 thin films. Journal Physics D: Applied Physics, 2013, 46, 445004.	2.8	50