

Mao Ye

List of Publications by Year in descending order

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papers

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430442

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all docs

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Perpendicular Manganite Magnetic Tunnel Junctions Induced by Interfacial Coupling. ACS Applied Materials & Interfaces, 2022, 14, 13883-13890.	4.0	5
2	High-Temperature Flexible Transparent Heater for Rapid Thermal Annealing of Thin Films. Physical Review Applied, 2022, 17, .	1.5	1
3	Oxygen controlled perpendicular magnetic anisotropy in $\text{LaCoO}_{3-x}/\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3/\text{LaCoO}_{3-x}$ heterostructures. Applied Physics Letters, 2022, 120, 242902.	13.3	1
4	Electric Polarization Switching on an Atomically Thin Metallic Oxide. Nano Letters, 2021, 21, 144-150.	4.5	19
5	Ferroelectricity and Ferromagnetism Achieved via Adjusting Dimensionality in $\text{BiFeO}_3/\text{BiMnO}_3$ Superlattices. ACS Applied Materials & Interfaces, 2021, 13, 41315-41322.	4.0	8
6	High-Conductive Protonated Layered Oxides from H_2O Vapor-Annealed Brownmillerites. Advanced Materials, 2021, 33, e2104623.	11.1	9
7	Strain-Induced Microstructure Damage in SrCoO_3 Thin Films during the Oxygen Evolution Reaction. ACS Applied Energy Materials, 2021, 4, 12696-12702.	2.5	5
8	Superflexible Freestanding BiMnO_3 Membranes with Stable Ferroelectricity and Ferromagnetism. Advanced Science, 2021, 8, e2102178.	5.6	23
9	Large photoelectrochemical activity of flexible $\text{TiO}_2/\text{SrRuO}_3$ oxide heterojunction. Applied Surface Science, 2020, 504, 144544.	3.1	6
10	Variable supercells in layered bismuth manganite controlled by oxygen pressure. Applied Physics Letters, 2020, 117, .	1.5	3
11	Exchange bias in flexible freestanding $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3/\text{BiFeO}_3$ membranes. Applied Physics Letters, 2020, 117, .	1.5	14
12	Tailoring the negative electrocaloric effect of PbZrO_3 antiferroelectric thin films by Yb doping. Journal of Alloys and Compounds, 2020, 830, 154581.	2.8	15
13	Voltage-Controlled Oxygen Non-Stoichiometry in SrCoO_3 Thin Films. Chemistry of Materials, 2019, 31, 6117-6123.	3.2	13
14	Epitaxial ultrathin Au films on transparent mica with oxide wetting layer applied to organic light-emitting devices. Applied Physics Letters, 2019, 114, 081902.	1.5	12
15	Origin of Ferroelectricity in Epitaxial Si-Doped HfO_2 Films. ACS Applied Materials & Interfaces, 2019, 11, 4139-4144.	4.0	48
16	Black phosphorus quantum dots as dual-functional electron-selective materials for efficient plastic perovskite solar cells. Journal of Materials Chemistry A, 2018, 6, 8886-8894.	5.2	80
17	Self-assembling epitaxial growth of a single crystalline CoFe_2O_4 nanopillar array via dual-target pulsed laser deposition. Journal of Materials Chemistry C, 2018, 6, 4854-4860.	2.7	4
18	van der Waals epitaxy of Al-doped ZnO film on mica as a flexible transparent heater with ultrafast thermal response. Applied Physics Letters, 2018, 112, .	1.5	43

#	ARTICLE	IF	CITATIONS
19	Ferroelastic domain structure and phase transition in single-crystalline $[\text{PbZn}_{1/3}\text{Nb}_{2/3}\text{O}_3]_{1-x}[\text{PbTiO}_3]_x$ observed via in situ x-ray microbeam. <i>Journal of the European Ceramic Society</i> , 2018, 38, 1488-1497.	2.8	4
20	Epitaxial ferroelectric $\text{Hf}_{0.5}\text{Zr}_{0.5}\text{O}_2$ thin film on a buffered YSZ substrate through interface reaction. <i>Journal of Materials Chemistry C</i> , 2018, 6, 9224-9231.	2.7	38
21	Synthesis of ferroelectric KNbO_3 nanosheets by liquid exfoliation of layered perovskite K_2NbO_3 . <i>Journal of Alloys and Compounds</i> , 2017, 698, 357-363.	2.8	8
22	Ferroelectric-Enhanced Polysulfide Trapping for Lithium-Sulfur Battery Improvement. <i>Advanced Materials</i> , 2017, 29, 1604724.	11.1	149
23	Effect of oxygen pressure on pulsed laser deposited WO_3 thin films for photoelectrochemical water splitting. <i>Journal of Alloys and Compounds</i> , 2017, 722, 913-919.	2.8	21
24	Effects of temperature and electric field on upconversion luminescence in $\text{Er}^{3+}/\text{Yb}^{3+}$ codoped $\text{Ba}_{0.8}\text{Sr}_{0.2}\text{TiO}_3$ ferroelectric ceramics. <i>Journal of the American Ceramic Society</i> , 2017, 100, 4661-4669.	1.9	13
25	Flexoelectric behavior in PIN-PMN-PT single crystals over a wide temperature range. <i>Applied Physics Letters</i> , 2017, 111, .	1.5	23
26	Origin of colossal dielectric response in $(\text{In}_{0.1}\text{Nb})$ co-doped TiO_2 rutile ceramics: a potential electrothermal material. <i>Scientific Reports</i> , 2017, 7, 10144.	1.6	18
27	A Diagram of the Structure Evolution of $\text{Pb}(\text{Zn}_{1/3}\text{Nb}_{2/3})\text{O}_3$ -9% PbTiO_3 Relaxor Ferroelectric Crystals with Excellent Piezoelectric Properties. <i>Crystals</i> , 2017, 7, 130.	1.0	6
28	A giant negative electrocaloric effect in Eu-doped PbZrO_3 thin films. <i>Journal of Materials Chemistry C</i> , 2016, 4, 3375-3378.	2.7	62
29	Morphotropic domain structures and dielectric relaxation in piezo-/ferroelectric $\text{Pb}(\text{In}_{1/2}\text{Nb}_{1/2})\text{O}_3$ - $\text{Pb}(\text{Zn}_{1/3}\text{Nb}_{2/3})\text{O}_3$ - PbTiO_3 single crystals. <i>Journal of Crystal Growth</i> , 2016, 441, 33-40.	0.7	4
30	Transparent Indium Tin Oxide Electrodes on Muscovite Mica for High-Temperature-Processed Flexible Optoelectronic Devices. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 28406-28411.	4.0	83
31	Temperature-dependent reversible and irreversible processes in Nb-doped PbZrO_3 relaxor ferroelectric thin films. <i>Applied Physics Letters</i> , 2015, 107, .	1.5	8
32	Large Energy Storage Density and High Thermal Stability in a Highly Textured (111)-Oriented $\text{Pb}_{0.8}\text{Ba}_{0.2}\text{ZrO}_3$ Relaxor Thin Film with the Coexistence of Antiferroelectric and Ferroelectric Phases. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 13512-13517.	4.0	185
33	Growth and properties of $(1-x)\text{Pb}(\text{Zn}_{1/3}\text{Nb}_{2/3})\text{O}_3$ - $x\text{PbTiO}_3$ ($x=0.07$ - 0.11) ferroelectric single crystals by a top-seeded solution growth method. <i>Ceramics International</i> , 2015, 41, 14427-14434.	2.3	9
34	High dielectric tunability, electrostriction strain and electrocaloric strength at a tricritical point of tetragonal, rhombohedral and pseudocubic phases. <i>Journal of Alloys and Compounds</i> , 2015, 646, 597-602.	2.8	23
35	Giant Electric Energy Density in Epitaxial Lead-Free Thin Films with Coexistence of Ferroelectrics and Antiferroelectrics. <i>Advanced Electronic Materials</i> , 2015, 1, 1500052.	2.6	195
36	Effect of Nb doping on preferential orientation, phase transformation behavior and electrical properties of PbZrO_3 thin films. <i>Journal of Alloys and Compounds</i> , 2012, 541, 99-103.	2.8	19

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37	Electrical and Energy Storage Performance of Eu^{δ} -Doped PbZrO_3 Thin Films with Different Gradient Sequences. Journal of the American Ceramic Society, 2012, 95, 1486-1488.	1.9	40
38	Effect of Eu^{δ} Doping on the Electrical Properties and Energy Storage Performance of PbZrO_3 Antiferroelectric Thin Films. Journal of the American Ceramic Society, 2011, 94, 3234-3236.	1.9	100
39	Upconversion emission enhancement in $\text{Er}^{3+}/\text{Yb}^{3+}$ -codoped BaTiO_3 nanocrystals by tridoping with Li^+ ions. Optics Communications, 2011, 284, 2046-2049.	1.0	40