

Yuanjun Yang

List of Publications by Year in descending order

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58
papers

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516710

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times ranked

2038
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#	ARTICLE	IF	CITATIONS
1	Electric-Field Control of Nonvolatile Magnetization in $\text{Co}_{40}\text{Fe}_{20}\text{B}_{20}\text{Pb}$		

#	ARTICLE	IF	CITATIONS
19	Resistance switching of epitaxial VO ₂ /Al ₂ O ₃ heterostructure at room temperature induced by organic liquids. <i>AIP Advances</i> , 2015, 5, 037114.	1.3	16
20	Anomalous thickness-dependent strain states and strain-tunable magnetization in Zn-doped ferrite epitaxial films. <i>Journal of Applied Physics</i> , 2014, 115, 173505.	2.5	15
21	Enhanced Thermochromic Properties of Vanadium Dioxide (VO ₂)/Glass Heterostructure by Inserting a Zr-Based Thin Film Metallic Glasses (Cu ₅₀ Zr ₅₀) Buffer Layer. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 1751.	2.5	15
22	Ferroelectric-domain-controlled magnetic anisotropy in Co ₄₀ Fe ₄₀ B ₂₀ /YMnO ₃ multiferroic heterostructure. <i>Applied Physics Letters</i> , 2013, 102, .	3.3	13
23	Thickness-dependent anisotropy of metal-insulator transition in (110)-VO ₂ /TiO ₂ epitaxial thin films. <i>Journal of Alloys and Compounds</i> , 2017, 699, 575-580.	5.5	12
24	Controlling metal-insulator transition in (010)-VO ₂ /(0001)-Al ₂ O ₃ epitaxial thin film through surface morphological engineering. <i>Ceramics International</i> , 2018, 44, 3348-3355.	4.8	12
25	Growth temperature-dependent metal-insulator transition of vanadium dioxide epitaxial films on perovskite strontium titanate (111) single crystals. <i>Journal of Applied Physics</i> , 2016, 119, .	2.5	11
26	Phase competition in the growth of SrCoO _x /LaAlO ₃ thin films. <i>AIP Advances</i> , 2018, 8, .	1.3	10
27	DC current induced metal-insulator transition in epitaxial Sm _{0.6} Nd _{0.4} NiO ₃ /LaAlO ₃ thin film. <i>AIP Advances</i> , 2014, 4, .	1.3	8
28	Unusual Behaviors of Electric-Field Control of Magnetism in Multiferroic Heterostructures via Multifactor Cooperation. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 25569-25577.	8.0	8
29	For progress in natural science: Materials international investigations of structural phase transformation and THz properties across metal-insulator transition in VO ₂ /Al ₂ O ₃ epitaxial films. <i>Progress in Natural Science: Materials International</i> , 2015, 25, 386-391.	4.4	7
30	Dynamic strain control of the metal-insulator transition and non-volatile resistance switching in (0) Tj ETQq0 0 0,rgBT /Overlock 10 TF	2.8	7
31	Controlling the anomalous Hall effect by electric-field-induced piezo-strain in Fe ₄₀ Pt ₆₀ /(001)-Pb(Mg _{1/3} Nb _{2/3}) _{0.67} Ti _{0.33} O ₃ multiferroic heterostructures. <i>Applied Physics Letters</i> , 2018, 112, .	3.3	7
32	Distinguishing charge and strain coupling in ultrathin (001)-La _{0.7} Sr _{0.3} MnO ₃ /PMN-PT heterostructures. <i>Applied Physics Letters</i> , 2018, 113, .	3.3	7
33	Investigating Metal-insulator Transition and Structural Phase Transformation in the (010)-VO ₂ /(001)-YSZ Epitaxial Thin Films. <i>Materials</i> , 2018, 11, 1713.	2.9	7
34	Speed enhancement of magnetic logic-memory device by insulator-to-metal transition. <i>Applied Physics Letters</i> , 2020, 117, .	3.3	7
35	Electric-field control of non-volatile magnetization switching without external-magnetic-field bias in CoFeB/(011)-PMN-0.3PT heterostructures. <i>Europhysics Letters</i> , 2015, 109, 17008.	2.0	6
36	Electric-field-assisted non-volatile magnetic switching in a magnetoelectronic hybrid structure. <i>IScience</i> , 2021, 24, 102734.	4.1	6

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37	Electric-field control of magnetic anisotropy rotation in multiferroic Ni/(011)-Pb(Mg ₂ /3Nb ₁ /3)0.7Ti _{0.3} O ₃ heterostructures. <i>Journal of Applied Physics</i> , 2017, 122, .	2.5	5
38	Enabling magnetoelastic coupling in Ni/VO ₂ heterostructure by structural phase transition. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 2561-2567.	2.2	5
39	Metastable SrRuO ₃ phases with lattice-dependent magnetic anisotropy by tailoring interfacial oxygen octahedral coupling. <i>Ceramics International</i> , 2022, 48, 16825-16831.	4.8	5
40	The effect of growth oxygen pressure on the metal-insulator transition of ultrathin Sm _{0.6} Nd _{0.4} NiO ₃ epitaxial films. <i>RSC Advances</i> , 2014, 4, 55082-55086.	3.6	4
41	The Electric-Field Controllable Non-Volatile 35° Rotation of Magnetic Easy Axis in Magnetoelectric CoFeB/(001)-Cut Pb(Mg _{1/3} Nb _{2/3})O ₃ -25%PbTiO ₃ Heterostructure. <i>Chinese Physics Letters</i> , 2016, 33, 067502.	3.3	4
42	Reversible optical control of the metal-insulator transition across the epitaxial heterointerface of a VO ₂ /Nb:TiO ₂ junction. <i>Science China Materials</i> , 2021, 64, 1687-1702.	6.3	4
43	Substrate-dependent post-annealing effects on the strain state and electrical transport of epitaxial La _{5/8-y} PryCa _{3/8} MnO ₃ films. <i>AIP Advances</i> , 2014, 4, .	1.3	3
44	Commercial Upconversion Phosphors with High Light Harvesting: A Superior Candidate for High-Performance Dye-Sensitized Solar Cells. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2019, 216, 1900382.	1.8	3
45	Interfacial Titanium Diffusion Self-Adapting Layer in Ultrathin Epitaxial MnO ₂ /TiO ₂ Heterostructures. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 47010-47017.	8.0	3
46	Realization of high luminous transmittance and solar modulation ability of VO ₂ films by multistep deposition and in-situ annealing method. <i>Surfaces and Interfaces</i> , 2022, 30, 101882.	3.0	3
47	Electric-Field Control of Magnetoresistance Behavior in a Conetic Alloy Thin Film/Pb(Mg ₁ /3Nb ₂ /3)0.7Ti _{0.3} O ₃ Multiferroic Heterostructure. <i>Frontiers in Materials</i> , 0, 9, .	2.4	3
48	Polarization-dependent soft X-ray absorption of over-doped superconducting Sr ₂ CuO ₃ + single crystal. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2014, 196, 61-65.	1.7	2
49	Electric-Field-Control of Non-Volatile Magnetization Switching in Multiferroic CoFeB/(011)-PMN-PT Heterostructures. <i>Materials Science Forum</i> , 0, 848, 675-681.	0.3	2
50	Interfacial charge and strain effects on lanthanum doped barium stannate thin film under ferroelectric gating. <i>Applied Physics Letters</i> , 2020, 117, 012101.	3.3	2
51	Temperature-dependent XAFS study of the local lattice distortion of the CuO ₂ plane in Sr ₂ CuO ₃ + powder sample. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2019, 383, 125778.	2.1	1
52	Structural and Photoluminescence Analysis of Mn-doped ZnO thin Films. <i>Chinese Journal of Luminescence</i> , 2011, 32, 1247-1250.	0.5	1
53	Unraveling Structural Phase Transformation by Simultaneously Determining the Lattice Constants and Mismatch Angle in VO ₂ /Al ₂ O ₃ Epitaxial Thin Films. <i>Frontiers in Materials</i> , 2022, 9, .	2.4	1
54	Investigation of the Electronic Structure of BiFeO ₃ Epitaxial Films by Polarized X-Ray Absorption Spectroscopy. <i>Materials Science Forum</i> , 0, 815, 183-187.	0.3	0

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55	Low temperature Pmm and C2/m phases in Sr2CuO3+ $\hat{1}$ high temperature superconductor. Chinese Physics B, 2019, 28, 056103.	1.4	0
56	Narrow-Bandgap Semiconductors of Perovskite Rare-Earth Orthoferrites (REFeO3). Current Chinese Science, 2021, 1, 438-452.	0.5	0
57	A Self-Adaptive Integration of Photothermal and Radiative Sky Cooling for Continuously Efficient Harvesting of Energy From the Sun and Outer Space. SSRN Electronic Journal, 0, , .	0.4	0
58	Electric-Field Control of Magnetoresistance Behavior in a Conetic Alloy Thin Film/Pb(Mg) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td (< Heterostructure. SSRN Electronic Journal, 0, , .	0.4	0