

Yuewei Yin

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/7643515/yuewei-yin-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

91
papers

1,488
citations

22
h-index

36
g-index

96
ext. papers

1,860
ext. citations

6
avg, IF

4.56
L-index

#	Paper	IF	Citations
91	High-precision and linear weight updates by subnanosecond pulses in ferroelectric tunnel junction for neuro-inspired computing.. <i>Nature Communications</i> , 2022 , 13, 699	17.4	9
90	Improved Working Temperature and Capacitive Energy Density of Biaxially Oriented Polypropylene Films with Alumina Coating Layers. <i>ACS Applied Energy Materials</i> , 2022 , 5, 3119-3128	6.1	2
89	Anomalous Structural Evolution and Glassy Lattice in Mixed-Halide Hybrid Perovskites.. <i>Small</i> , 2022 , e2200847	11.1	1
88	Scalable Polyimide-poly(Amic Acid) Copolymer Based Nanocomposites for High-Temperature Capacitive Energy Storage. <i>Advanced Materials</i> , 2021 , e2101976	24	13
87	Ternary VOCl single-crystal as efficient gate dielectric for 2D field-effect transistors. <i>2D Materials</i> , 2021 , 8, 025010	5.9	4
86	A flexible BiFeO ₃ -based ferroelectric tunnel junction memristor for neuromorphic computing. <i>Journal of Materiomics</i> , 2021 ,	6.7	9
85	Large-Area Crystalline Zeolitic Imidazolate Framework Thin Films. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 14124-14130	16.4	6
84	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	7.1	0
83	Efficient Parallel Multi-Bit Logic-in-Memory Based on a Ultrafast Ferroelectric Tunnel Junction Memristor. <i>Advanced Electronic Materials</i> , 2021 , 7, 2000988	6.4	5
82	Enhanced thermoelectric efficiency in nanocrystalline bismuth telluride nanotubes. <i>Nanotechnology</i> , 2020 , 31, 365703	3.4	4
81	Negatively Charged Nanosheets Significantly Enhance the Energy-Storage Capability of Polymer-Based Nanocomposites. <i>Advanced Materials</i> , 2020 , 32, e1907227	24	87
80	Spin Rectification and Electrically Controlled Spin Transport in Molecular-Ferroelectrics-Based Spin Valves. <i>Physical Review Applied</i> , 2020 , 13,	4.3	4
79	Sub-nanosecond memristor based on ferroelectric tunnel junction. <i>Nature Communications</i> , 2020 , 11, 1439	17.4	73
78	BiFeO ₃ -Based Flexible Ferroelectric Memristors for Neuromorphic Pattern Recognition. <i>ACS Applied Electronic Materials</i> , 2020 , 2, 1081-1089	4	22
77	Photovoltaic effect and photo-assisted diode behavior in Pt/BiFeO ₃ /Nb-doped SrTiO ₃ heterojunction. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2020 , 69, 127301	0.6	3
76	Nonvolatile ZnO-Based Ferroelectric Field Effect Transistors for Active-Matrix Organic Light-Emitting Diode Display. <i>IEEE Electron Device Letters</i> , 2020 , 41, 42-45	4.4	4
75	Mg-doping enhanced superconductivity and ferromagnetism in Ti _{1-x} Mg _x O films. <i>Acta Materialia</i> , 2020 , 200, 66-73	8.4	2

74	Distinct superconducting properties and hydrostatic pressure effects in 2D H and E Mo ₂ C crystal sheets. <i>NPG Asia Materials</i> , 2020 , 12,	10.3	4
73	Improved energy storage performance of nanocomposites with Bi ₄ .2K0.8Fe ₂ O ₉ +nanobelts. <i>Journal of Materiomics</i> , 2020 , 6, 371-376	6.7	6
72	Structural, magnetic and dielectric properties of BaFe ₂ Se ₃ crystals. <i>Europhysics Letters</i> , 2019 , 126, 27005.6	5.6	1
71	Beating the exclusion rule against the coexistence of robust luminescence and ferromagnetism in chalcogenide monolayers. <i>Nature Communications</i> , 2019 , 10, 1584	17.4	28
70	Structure and transport properties of titanium oxide (Ti ₂ O, TiO ₁₊ , and Ti ₃ O ₅) thin films. <i>Journal of Alloys and Compounds</i> , 2019 , 786, 607-613	5.7	18
69	Laser-induced transverse voltage in (111)-oriented TiO ₁₊ epitaxial thin films with cubic structure. <i>Applied Physics Letters</i> , 2019 , 114, 223901	3.4	1
68	Nonvolatile Memory: Ultrafast Multilevel Switching in Au/YIG/n-Si RRAM (Adv. Electron. Mater. 2/2019). <i>Advanced Electronic Materials</i> , 2019 , 5, 1970008	6.4	1
67	Quantum Griffiths singularities in TiO superconducting thin films with insulating normal states. <i>NPG Asia Materials</i> , 2019 , 11,	10.3	6
66	Ultrafast Multilevel Switching in Au/YIG/n-Si RRAM. <i>Advanced Electronic Materials</i> , 2019 , 5, 1800418	6.4	13
65	Positive and negative magnetoresistances in Co/Cu/Ni spin-valves. <i>Materials Letters</i> , 2019 , 240, 124-127	3.3	3
64	Solid-State Synapse Based on Magnetoelectrically Coupled Memristor. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 5649-5656	9.5	41
63	Some device implications of voltage controlled magnetic anisotropy in Co/Gd ₂ O ₃ thin films through REDOX chemistry. <i>Journal of Magnetism and Magnetic Materials</i> , 2018 , 451, 487-492	2.8	2
62	Indications of magnetic coupling effects in spin cross-over molecular thin films. <i>Chemical Communications</i> , 2018 , 54, 944-947	5.8	14
61	A High-Speed and Low-Power Multistate Memory Based on Multiferroic Tunnel Junctions. <i>Advanced Electronic Materials</i> , 2018 , 4, 1700560	6.4	25
60	Quantum superconductor-insulator transition in titanium monoxide thin films with a wide range of oxygen contents. <i>Physical Review B</i> , 2018 , 98,	3.3	10
59	Electric-Field-Controlled Nonvolatile Magnetization Rotation and Magnetoresistance Effect in Co/Cu/Ni Spin Valves on Piezoelectric Substrates. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 21390-21397	8.5	9
58	Quasi-two-dimensional vortex-glass transition and the critical current density in TiO epitaxial thin films. <i>Superconductor Science and Technology</i> , 2018 , 31, 015016	3.1	3
57	Atomic-scale mapping of interface reconstructions in multiferroic heterostructures. <i>Applied Physics Reviews</i> , 2018 , 5, 041110	17.3	19

56	Tuning the Néel Temperature of Hexagonal Ferrites by Structural Distortion. <i>Physical Review Letters</i> , 2018 , 121, 237203	7.4	16
55	Ferroelectric domain switching dynamics and memristive behaviors in BiFeO ₃ -based magnetoelectric heterojunctions. <i>Journal Physics D: Applied Physics</i> , 2018 , 51, 234005	3	10
54	Spin-polarized current injection induced magnetic reconstruction at oxide interface. <i>Scientific Reports</i> , 2017 , 7, 40048	4.9	2
53	Anti-site mixing and magnetic properties of Fe ₃ Co ₃ Nb ₂ studied via neutron powder diffraction. <i>Journal Physics D: Applied Physics</i> , 2017 , 50, 025002	3	4
52	Ultrahigh Energy Density in SrTiO Film Capacitors. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 20484-20490	4.5	68
51	Current-driven interface magnetic transition in complex oxide heterostructure. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2017 , 35, 04F101	1.3	
50	Structure Evolution and Multiferroic Properties in Cobalt Doped BiNdTiFeCoO-BiNdTiFeCoO Intergrowth Aurivillius Compounds. <i>Scientific Reports</i> , 2017 , 7, 43540	4.9	16
49	Effect of interface on epitaxy and magnetism in h-RFeO/FeO/AlO films (R = Lu, Yb). <i>Journal of Physics Condensed Matter</i> , 2017 , 29, 164001	1.8	7
48	A review on all-perovskite multiferroic tunnel junctions. <i>Journal of Materiomics</i> , 2017 , 3, 245-254	6.7	26
47	Locking and Unlocking the Molecular Spin Crossover Transition. <i>Advanced Materials</i> , 2017 , 29, 1702257	24	36
46	Hydrostatic pressure effect on the transport properties in TiO superconducting thin films. <i>Physical Review B</i> , 2017 , 96,	3.3	3
45	Electronic structure and direct observation of ferrimagnetism in multiferroic hexagonal YbFeO ₃ . <i>Physical Review B</i> , 2017 , 95,	3.3	16
44	Enhanced superconductivity in TiO epitaxial thin films. <i>Npj Quantum Materials</i> , 2017 , 2,	5	35
43	Robustness of topological surface states against strong disorder observed in Bi ₂ Te ₃ nanotubes. <i>Physical Review B</i> , 2016 , 93,	3.3	17
42	Anisotropic magneto-transport properties of electron gases at SrTiO ₃ (111) and (110) surfaces. <i>Applied Physics Letters</i> , 2016 , 109, 261604	3.4	26
41	Photovoltaic effect in YBa ₂ Cu ₃ O _{7-x} /Nb-doped SrTiO ₃ heterojunctions. <i>Applied Physics Letters</i> , 2016 , 109, 131104	3.4	11
40	Room temperature ferroelectricity in continuous croconic acid thin films. <i>Applied Physics Letters</i> , 2016 , 109, 102902	3.4	28
39	Electric-field-controlled nonvolatile magnetic switching and resistive change in La _{0.6} Sr _{0.4} MnO ₃ /0.7Pb(Mg _{1/3} Nb _{2/3})O ₃ -0.3PbTiO ₃ (011) heterostructure at room temperature. <i>Applied Physics Letters</i> , 2016 , 109, 263502	3.4	10

38	Interface magnetization transition via minority spin injection. <i>Applied Physics Letters</i> , 2016 , 109, 232903	3.4	3
37	Interfacial Ion Intermixing Effect on Four-Resistance States in La _{0.7} Sr _{0.3} MnO ₃ /BaTiO ₃ /La _{0.7} Sr _{0.3} MnO ₃ Multiferroic Tunnel Junctions. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 10422-9	9.5	21
36	Temperature dependence of lower critical field in stripe ordered La _{1.6-x} Nd _{0.4} Sr _x CuO ₄ superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 2016 , 521-522, 18-21	1.3	3
35	Effect of injected spins with different polarized orientations on the vortex phase transition in La _{0.7} Sr _{0.3} MnO ₃ /La _{1.85} Sr _{0.15} CuO ₄ heterostructure. <i>Journal of Applied Physics</i> , 2015 , 117, 17E118	2.5	1
34	Nanoscale-phase-separation-enhanced critical current and vortex transition temperature in K _{0.62} Fe _{1.71} Se ₂ crystals. <i>Europhysics Letters</i> , 2015 , 111, 37001	1.6	1
33	Angle-resolved vortex glass transition and pinning properties in BaFe _{1.8} Co _{0.2} As ₂ single crystals. <i>Journal of Applied Physics</i> , 2015 , 117, 173901	2.5	9
32	Octonary Resistance States in La _{0.7} Sr _{0.3} MnO ₃ /BaTiO ₃ /La _{0.7} Sr _{0.3} MnO ₃ Multiferroic Tunnel Junctions. <i>Advanced Electronic Materials</i> , 2015 , 1, 1500183	6.4	20
31	Multiferroic tunnel junctions and ferroelectric control of magnetic state at interface (invited). <i>Journal of Applied Physics</i> , 2015 , 117, 172601	2.5	23
30	Effects of Interface Layers and Domain Walls on the Ferroelectric-Resistive Switching Behavior of Au/BiFeO ₃ /La _{0.6} Sr _{0.4} MnO ₃ Heterostructures. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 26036-42	9.5	23
29	Effects of magnetic electrode on the ferroelectric properties in heteroepitaxial BiFeO ₃ /La _{0.625} Ca _{0.375} MnO ₃ thin films. <i>Journal of Applied Physics</i> , 2014 , 115, 094504	2.5	5
28	Coexistence of four resistance states and exchange bias in La _{0.6} Sr _{0.4} MnO ₃ /BiFeO ₃ /La _{0.6} Sr _{0.4} MnO ₃ multiferroic tunnel junction. <i>Applied Physics Letters</i> , 2014 , 104, 043507	3.4	34
27	Structural evolution from Bi ₄ Te ₃ to Bi ₂ Te ₂ nanobelts to BiFeO ₃ nanochains in vacuum and their multiferroic properties. <i>Nanoscale</i> , 2014 , 6, 14766-71	7.7	8
26	Comment on Anomalous capacitance response induced by the superconducting gap in an Au/BiFeO ₃ /La _{1.84} Sr _{0.16} CuO ₄ /LaSrAlO ₄ heterostructure [Appl. Phys. Lett. 103, 153507 (2013)]. <i>Applied Physics Letters</i> , 2014 , 105, 246103	3.4	1
25	Influence of spin injection on the critical current density in La _{0.7} Sr _{0.3} MnO ₃ /La _{1.85} Sr _{0.15} CuO ₄ heterostructure. <i>AIP Advances</i> , 2014 , 4, 127138	1.5	2
24	Anisotropic transport property anomaly in K _{0.8} Fe _{1.65} Se ₂ crystal. <i>Journal of Applied Physics</i> , 2014 , 115, 143905	2.5	2
23	Angular dependence of vortex dynamics in BaFe _{1.9} Ni _{0.1} As ₂ single crystal. <i>Materials Research Express</i> , 2014 , 1, 016003	1.7	3
22	Colossal magnetoresistance in manganites and related prototype devices. <i>Chinese Physics B</i> , 2013 , 22, 087502	1.2	32
21	Effect of carrier density and valence states on superconductivity of oxygen annealed Fe _{1.06} Te _{0.6} Se _{0.4} single crystals. <i>Journal of Applied Physics</i> , 2013 , 114, 183901	2.5	7

20	Manipulation of morphologies and magnetic properties for Bi ₄ .2K _{0.8} Fe ₂ O ₉ +nanoparticles. <i>CrystEngComm</i> , 2013 , 15, 9057	3.3	1
19	Enhanced tunnelling electroresistance effect due to a ferroelectrically induced phase transition at a magnetic complex oxide interface. <i>Nature Materials</i> , 2013 , 12, 397-402	2.7	256
18	Nanosession: Multiferroic Thin Films and Heterostructures 2013 , 323-334		
17	Coexistence of Superconductivity and Ferromagnetism in La _{2-x} Sr _x CuO ₄ Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 3028-3035	3.8	7
16	Tunable dielectric and ferroelectric properties in heteroepitaxial PbZr _{0.52} Ti _{0.48} O ₃ /La _{0.625} Ca _{0.375} MnO ₃ thin films. <i>Journal of Applied Physics</i> , 2013 , 114, 034102	2.5	10
15	Coaction and distinguishment of converse piezoelectric and field effects in La _{0.7} Ca _{0.3} MnO ₃ /SrTiO ₃ /0.68Pb(Mg _{1/3} Nb _{2/3})O ₃ -0.32PbTiO ₃ heterostructures. <i>Applied Physics Letters</i> , 2013 , 103, 053504	3.4	22
14	Stripe order related in-plane fourfold symmetric superconductivity in La _{1.45} Nd _{0.4} Sr _{0.15} CuO ₄ single crystal. <i>Journal of Applied Physics</i> , 2013 , 113, 053912	2.5	2
13	Microstructural phase separation related in-plane fourfold symmetric superconductivity in K _{0.8} Fe _{1.65} Se ₂ crystals. <i>Applied Physics Letters</i> , 2013 , 102, 182601	3.4	8
12	Effect of injected spins with different polarized orientations on the superconductivity of La _{0.7} Sr _{0.3} MnO ₃ /La _{1.85} Sr _{0.15} CuO ₄ thin films. <i>Applied Physics Letters</i> , 2013 , 103, 193506	3.4	5
11	Multiferroic tunnel junctions. <i>Frontiers of Physics</i> , 2012 , 7, 380-385	3.7	37
10	Multi-state resistive switching memory with secure information storage in Au/BiFe _{0.95} Mn _{0.05} O ₃ /La _{5/8} Ca _{3/8} MnO ₃ heterostructure. <i>Applied Physics Letters</i> , 2012 , 100, 193504	3.4	23
9	Coexistence of tunneling magnetoresistance and electroresistance at room temperature in La _{0.7} Sr _{0.3} MnO ₃ /(Ba, Sr)TiO ₃ /La _{0.7} Sr _{0.3} MnO ₃ multiferroic tunnel junctions. <i>Journal of Applied Physics</i> , 2011 , 109, 07D915	2.5	51
8	Magnetodielectric Effect and Tunable Dielectric Properties of LaMn _{1-x} FexO ₃ . <i>Journal of the American Ceramic Society</i> , 2010 , 93, 3814-3818	3.8	10
7	Current-voltage characteristics of La _{2-x} Sr _x CuO ₄ /Nb-doped SrTiO ₃ heterojunctions. <i>Journal of Applied Physics</i> , 2010 , 107, 053915	2.5	9
6	Spin structure transition in La(1.6-x)Nd(0.4)Sr(x)CuO(4) superconductors. <i>Journal of Physics Condensed Matter</i> , 2010 , 22, 275701	1.8	1
5	The anomalous anisotropy in the ac susceptibility of La _{1.45} Nd _{0.4} Sr _{0.15} CuO ₄ single crystal. <i>Physica C: Superconductivity and Its Applications</i> , 2010 , 470, S86-S87	1.3	
4	In-plane anisotropic vortex pinning and relaxation in a stripe-ordered La _{1.45} Nd _{0.4} Sr _{0.15} CuO ₄ superconductor. <i>Applied Physics Letters</i> , 2009 , 94, 142508	3.4	3
3	Dynamic properties of cluster glass in La _{0.25} Ca _{0.75} MnO ₃ nanoparticles. <i>Journal of Applied Physics</i> , 2009 , 106, 083904	2.5	57

2

1	Sulfur-vacancy-tunable interlayer magnetic coupling in centimeter-scale MoS ₂ bilayer. <i>Nano Research</i> , ¹	10	1
---	---	----	---