

Fan Li

List of Publications by Year in descending order

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papers

1,331
citations

567281

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580821

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27
docs citations

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times ranked

2138
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of Interface Structure for a Topological CoS ₂ Single Crystal in Oxygen Evolution Reaction with High Intrinsic Reactivity. ACS Applied Materials & Interfaces, 2022, 14, 19324-19331.	8.0	10
2	Unidirectional ion transport in nanoporous carbon membranes with a hierarchical pore architecture. Nature Communications, 2021, 12, 4650.	12.8	28
3	Ionitronic manipulation of current-induced domain wall motion in synthetic antiferromagnets. Nature Communications, 2021, 12, 5002.	12.8	18
4	Interfacial Control of Ferromagnetism in Ultrathin SrRuO ₃ Films Sandwiched between Ferroelectric BaTiO ₃ Layers. ACS Applied Materials & Interfaces, 2020, 12, 6707-6715.	8.0	16
5	In Situ Modification of a Delafossite-Type PdCoO ₂ Bulk Single Crystal for Reversible Hydrogen Sorption and Fast Hydrogen Evolution. ACS Energy Letters, 2019, 4, 2185-2191.	17.4	34
6	Interfacial oxygen-octahedral-tilting-driven electrically tunable topological Hall effect in ultrathin SrRuO ₃ films. Journal Physics D: Applied Physics, 2019, 52, 404001.	2.8	51
7	Competition between Metallic and Vacancy Defect Conductive Filaments in a CH ₃ NH ₃ PbI ₃ -Based Memory Device. Journal of Physical Chemistry C, 2018, 122, 6431-6436.	3.1	115
8	Controllable oxygen vacancies, orbital occupancy and magnetic ordering in SrCoO ₃ films. Journal of Magnetism and Magnetic Materials, 2018, 454, 228-236.	2.3	13
9	Adaptive Crystallite Kinetics in Homogenous Bilayer Oxide Memristor for Emulating Diverse Synaptic Plasticity. Advanced Functional Materials, 2018, 28, 1706927.	14.9	140
10	Light Tuning of the Resistance of NdNiO ₃ Films With CoFe ₂ O ₄ Capping. Physica Status Solidi - Rapid Research Letters, 2018, 12, 1800186.	2.4	2
11	Anomalous Hall effect in one monolayer cobalt with electrical manipulation. Journal of Alloys and Compounds, 2017, 696, 315-320.	5.5	3
12	Recent progress in voltage control of magnetism: Materials, mechanisms, and performance. Progress in Materials Science, 2017, 87, 33-82.	32.8	357
13	Photon-Gated Spin Transistor. Advanced Materials, 2017, 29, 1604052.	21.0	12
14	Manipulation of Electric Field Effect by Orbital Switch. Advanced Functional Materials, 2016, 26, 753-759.	14.9	49
15	Designing room-temperature multiferroic materials in a single-phase solid-solution film. Journal Physics D: Applied Physics, 2016, 49, 365001.	2.8	3
16	Electrical control of Co/Ni magnetism adjacent to gate oxides with low oxygen ion mobility. Applied Physics Letters, 2015, 107, .	3.3	35
17	Manipulation of orbital occupancy by ferroelectric polarization in LaNiO ₃ /BaTiO ₃ heterostructures. Applied Physics Letters, 2015, 107, .	3.3	13
18	Electrical Manipulation of Orbital Occupancy and Magnetic Anisotropy in Manganites. Advanced Functional Materials, 2015, 25, 864-870.	14.9	105

#	ARTICLE	IF	CITATIONS
19	Magnetoelectric Coupling Induced by Interfacial Orbital Reconstruction. <i>Advanced Materials</i> , 2015, 27, 6651-6656.	21.0	81
20	Unconventional resistive switching behavior in ferroelectric tunnel junctions. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 10146-10150.	2.8	24
21	Forming-free and self-rectifying resistive switching of the simple Pt/TaO _x /n-Si structure for access device-free high-density memory application. <i>Nanoscale</i> , 2015, 7, 6031-6038.	5.6	97
22	Charge Transfer and Orbital Reconstruction in Strain-Engineered (La,Sr)MnO ₃ /LaNiO ₃ Heterostructures. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 17700-17706.	8.0	35
23	Oscillatory exchange bias effect in La _{0.67} Sr _{0.33} MnO ₃ /G-SrMnO ₃ /La _{0.67} Sr _{0.33} MnO ₃ sandwiches. <i>Journal Physics D: Applied Physics</i> , 2015, 48, 295003.	3.3	11
24	Exchange bias field induced symmetry-breaking of magnetization rotation in two-dimension. <i>Applied Physics Letters</i> , 2014, 105, 152402.	3.3	11
25	Reversible Ferromagnetic Phase Transition in Electrode-Gated Manganites. <i>Advanced Functional Materials</i> , 2014, 24, 7233-7240.	14.9	76