

Jingjing Peng

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

511
citations

759233

12
h-index

1058476

14
g-index

17
all docs

17
docs citations

17
times ranked

858
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrical Manipulation of Orbital Occupancy and Magnetic Anisotropy in Manganites. <i>Advanced Functional Materials</i> , 2015, 25, 864-870.	14.9	105
2	Magnetoelectric Coupling Induced by Interfacial Orbital Reconstruction. <i>Advanced Materials</i> , 2015, 27, 6651-6656.	21.0	81
3	Reversible Ferromagnetic Phase Transition in Electrodeâ€Gated Manganites. <i>Advanced Functional Materials</i> , 2014, 24, 7233-7240.	14.9	76
4	Manipulation of Electric Field Effect by Orbital Switch. <i>Advanced Functional Materials</i> , 2016, 26, 753-759.	14.9	49
5	Tuning the entanglement between orbital reconstruction and charge transfer at a film surface. <i>Scientific Reports</i> , 2014, 4, 4206.	3.3	47
6	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
7	Interplay between chemical state, electric properties, and ferromagnetism in Fe-doped ZnO films. <i>Journal of Applied Physics</i> , 2013, 113, .	2.5	31
8	Tilt engineering of exchange coupling at G-type SrMnO ₃ /(La,Sr)MnO ₃ interfaces. <i>Scientific Reports</i> , 2015, 5, 16187.	3.3	16
9	Insight into the antiferromagnetic structure manipulated by electronic reconstruction. <i>Physical Review B</i> , 2016, 94, .	3.2	16
10	Manipulating the metal-to-insulator transition of NdNiO_3 films by orbital polarization. <i>Physical Review B</i> , 2016, 93, .	3.2	16
11	Manipulation of orbital occupancy by ferroelectric polarization in LaNiO ₃ /BaTiO ₃ heterostructures. <i>Applied Physics Letters</i> , 2015, 107, .	3.3	13
12	Metal-insulator-metal transition in NdNiO ₃ films capped by CoFe ₂ O ₄ . <i>Applied Physics Letters</i> , 2017, 110, .	3.3	12
13	Photonâ€Gated Spin Transistor. <i>Advanced Materials</i> , 2017, 29, 1604052.	21.0	12
14	Two-step treatment to obtain single-terminated SrTiO ₃ substrate and the related difference in both LaAlO ₃ film growth and electronic property. <i>AIP Advances</i> , 2021, 11, .	1.3	2
15	Control of the metal-to-insulator transition by substrate orientation in nickelates. <i>AIP Advances</i> , 2019, 9, 105118.	1.3	0
16	The effect of H radicals on microstructure and electrical and optical properties of sputtered ZnO:Al films. <i>AIP Advances</i> , 2021, 11, 035202.	1.3	0