XiaoXing Xi

List of Publications by Year
in descending order

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		706676	620720
29	674	14	26
papers	citations	h-index	g-index

29	29	29	1809
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Epitaxial Ultrathin MgB₂ Films on C-Terminated 6Hâ€“SiC ($000ar{1}$) Substrates Grown by HPCVD. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-4.	1.1	3
2	Visualization of defect induced in-gap states in monolayer MoS2. Npj 2D Materials and Applications, 2022, 6, .	3.9	18
3	Fabrication and Radio Frequency Properties of 3-GHz SRF Cavities Coated with MgB2. Journal of Superconductivity and Novel Magnetism, 2021, 34, 99-106.	0.8	3
4	Spectroscopic Evidence of a Dimensionality-Induced Metal-to-Insulator Transition in the Ruddlesdenâ€“Popper La_{n+1}Ni_nO_{3n+1} Series. ACS Applied Materials & Interfaces, 2021, 13, 6813-6819.	4.0	5
5	Proximity-Induced Superconductivity in Monolayer MoS₂. ACS Nano, 2020, 14, 2718-2728.	7.3	40
6	Reduced Critical Current Spread in Planar MgB₂ Josephson Junction Array Made by Focused Helium Ion Beam. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-6.	1.1	11
7	The Effects of Atomic-Scale Strain Relaxation on the Electronic Properties of Monolayer MoS₂. ACS Nano, 2019, 13, 8284-8291.	7.3	29
8	Leggett mode controlled by light pulses. Nature Physics, 2019, 15, 341-346.	6.5	51
9	Aluminum Ion Implantation in MgB2 Thin Films. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-4.	1.1	6
10	Quantifying Wavelength-Dependent Plasmonic Hot Carrier Energy Distributions at Metal/Semiconductor Interfaces. ACS Nano, 2019, 13, 3629-3637.	7.3	79
11	MoirÃ© superlattices and 2D electronic properties of graphite/MoS2 heterostructures. Journal of Physics and Chemistry of Solids, 2019, 128, 325-330.	1.9	14
12	Strain-Engineered Oxygen Vacancies in CaMnO₃ Thin Films. Nano Letters, 2017, 17, 794-799.	4.5	83
13	Inter-Layer Coupling Induced Valence Band Edge Shift in Mono- to Few-Layer MoS2. Scientific Reports, 2017, 7, 40559.	1.6	32
14	As-Grown Versus Ion-Milled MgB₂ Ultrathin Films for THz Sensor Applications. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-4.	1.1	4
15	Hybrid Physical Chemical Vapor Deposition of Magnesium Diboride Inside 3.9 GHz Mock Cavities. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-4.	1.1	11
16	Constructing oxide interfaces and heterostructures by atomic layer-by-layer laser molecular beam epitaxy. Npj Quantum Materials, 2017, 2, .	1.8	34
17	Surface- and strain-tuning of the optical dielectric function in epitaxially grown CaMnO3. Applied Physics Letters, 2016, 108, .	1.5	4
18	Fabrication and Characterization of Ultrathin MgB₂ Films for Hot-Electron Bolometer Applications. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-5.	1.1	16

#	Article	IF	Citations
19	Superconductivity-Induced Transparency in Terahertz Metamaterials. ACS Photonics, 2014, 1, 570-575.	3.2	47
20	Infrared spectroscopy of strained BaTiO₃/SrTiO₃superlattices on scandate substrates. Phase Transitions, 2014, 87, 929-937.	0.6	2
21	Effect of stoichiometry on the dielectric properties and soft mode behavior of strained epitaxial SrTiO3 thin films on DyScO3 substrates. Applied Physics Letters, 2013, 102, .	1.5	39
22	Effect of reduced dimensionality on the optical band gap of SrTiO3. Applied Physics Letters, 2013, 102, .	1.5	52
23	Impact of substitutional and interstitial carbon defects on lattice parameters in MgB2. Journal of Applied Physics, 2010, 107, 023902.	1.1	13
24	Study of the Josephson Current of ${m MgB}_{2}/{m Insulator/Pb}$ Tunnel Junctions. IEEE Transactions on Applied Superconductivity, 2009, 19, 261-264.	1.1	2
25	Growth of ${m MgB}_{2}$ Thin Films In Situ by RF Magnetron Sputtering With a Pocket Heater. IEEE Transactions on Applied Superconductivity, 2009, 19, 2811-2814.	1.1	2
26	Raman Spectroscopy of Ferroelectric Thin Films and Superlattices. Journal of the American Ceramic Society, 2008, 91, 1820-1834.	1.9	52
27	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>I</mml:mi><mml:mtext>â^'</mml:mtext><mml:mi>V</mml:mi></mml:mrow></mml:math>ch of the vortex state in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">Mg</mml:mi><mml:msub><mml:mi mathvariant="normal">B</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>thin films. Physical Review B, 2007, 76.	1.1	20
28	Equivalence of the strain and doping dependence of the superconductive T/sub c/ in LaSrCuO: influence of the metal-insulator transition. IEEE Transactions on Applied Superconductivity, 2003, 13, 2799-2802.	1.1	2
29	The US should listen to scientists about how to counter influence from China. Nature Reviews Physics, 0, , .	11.9	0