

Rui Wu

List of Publications by Year in descending order

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papers

490
citations

759233

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677142

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32
all docs

32
docs citations

32
times ranked

949
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal Dynamics of Charge Density Wave Pinning in ZrTe ₃ . Physical Review Letters, 2021, 126, 256401.	7.8	12
2	Defect formation-induced tunable evolution of oxygen functional groups for sodium storage in porous graphene. Chemical Communications, 2020, 56, 1089-1092.	4.1	27
3	Electronic structure variations of polar and nonpolar ZnO lattices with nitrogen-ion bombardment using synchrotron-based in situ photoemission and X-ray absorption spectroscopy. Journal of Synchrotron Radiation, 2020, 27, 83-89.	2.4	1
4	In-plane crystal field constrained electronic structure of stanene. Applied Physics Letters, 2020, 116, .	3.3	7
5	Anisotropic Electronic Structure and Interfacial Chemical Reaction of Stanene/Bi ₂ Te ₃ . Journal of Physical Chemistry C, 2020, 124, 4917-4924.	3.1	12
6	Interfacial electronic states of misfit heterostructure between hexagonal ZnO and cubic NiO. Physical Review Materials, 2020, 4, .	2.4	5
7	Voltage-Controlled Oxygen Non-Stoichiometry in SrCoO _{3-δ} Thin Films. Chemistry of Materials, 2019, 31, 6117-6123.	6.7	13
8	The photoemission study of InSb/HfO ₂ stacks upon N ₂ rapid thermal annealing. Vacuum, 2019, 168, 108815.	3.5	0
9	Synchrotron X-ray Absorption Spectroscopy Study of Local Structure in Al-Doped BiFeO ₃ Powders. Nanoscale Research Letters, 2019, 14, 137.	5.7	29
10	The band structure change of Hf _{0.5} Zr _{0.5} O ₂ /Ge system upon post deposition annealing. Applied Surface Science, 2019, 488, 778-782.	6.1	7
11	Oxygen vacancy induced electronic structure variation in the La _{0.2} Sr _{0.8} MnO ₃ thin film. AIP Advances, 2019, 9, .	1.3	21
12	Analyze chemisorbed organic/metal interface by combining the two sub-interfaces model and the integer charge transfer model. AIP Advances, 2019, 9, 045122.	1.3	2
13	Interaction between the Non-Fullerene Acceptor ITIC and Potassium. ACS Omega, 2019, 4, 8087-8093.	3.5	1
14	Interface chemistry and surface morphology evolution study for InAs/Al ₂ O ₃ stacks upon in situ ultrahigh vacuum annealing. Applied Surface Science, 2018, 443, 567-574.	6.1	7
15	Electronic states and molecular orientation of ITIC film. Chinese Physics B, 2018, 27, 088801.	1.4	7
16	Strain-Enhanced Charge Transfer and Magnetism at a Manganite/Nickelate Interface. ACS Applied Materials & Interfaces, 2018, 10, 30803-30810.	8.0	16
17	Electronic structure of La ₂ O ₃ /Si interface by in situ photoemission spectroscopy. Materials Letters, 2017, 191, 97-100.	2.6	3
18	An experimental study of the local electronic structure of B-site gallium doped bismuth ferrite powders. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 2367-2373.	2.1	19

#	ARTICLE	IF	CITATIONS
19	Local electronic structure analysis of Zn-doped BiFeO ₃ powders by X-ray absorption fine structure spectroscopy. Journal of Alloys and Compounds, 2017, 710, 843-849.	5.5	26
20	Reaction of PC61BM Film with Potassium. Journal of Physical Chemistry C, 2017, 121, 19097-19103.	3.1	5
21	Observation of selective surface element substitution in FeTe _{0.5} Se _{0.5} superconductor thin film exposed to ambient air by synchrotron radiation spectroscopy. Chinese Physics B, 2016, 25, 097402.	1.4	7
22	Electronic structure of antimonene grown on Sb ₂ Te ₃ (111) and Bi ₂ Te ₃ substrates. Journal of Applied Physics, 2016, 119, .	2.5	143
23	An in situ resonant photoemission and x-ray absorption study of the BiFeO ₃ thin film. Ceramics International, 2016, 42, 10624-10630.	4.8	10
24	Fullerene-derivative PC 61 BM forms three types of phase-pure monolayer on the surface of Au(111). Surface Science, 2016, 654, 8-13.	1.9	5
25	Electronic structure and room temperature ferromagnetism of C doped TiO ₂ . Solid State Communications, 2016, 243, 7-11.	1.9	15
26	Electronic structure evolution of single bilayer Bi(1-x) film on 3D topological insulator Bi ₂ SexTe ₃ surfaces. Journal of Physics Condensed Matter, 2016, 28, 255501.	1.8	14
27	Temperature effect on the electronic structure of Nb:SrTiO ₃ (100) surface. Chinese Physics B, 2015, 24, 027901.	1.4	5
28	Photoelectric characteristics of silicon P-N junction with nanopillar texture: Analysis of X-ray photoelectron spectroscopy. Chinese Physics B, 2014, 23, 096101.	1.4	0
29	Fullerene film on metal surface: Diffusion of metal atoms and interface model. Applied Physics Letters, 2014, 104, .	3.3	8
30	Structural analysis and magnetic properties of Gd doped BiFeO ₃ ceramics. Ceramics International, 2014, 40, 14083-14089.	4.8	46
31	<i>In situ</i> electronic structural study of VO ₂ thin film across the metal-insulator transition. Chinese Physics B, 2013, 22, 127103.	1.4	0
32	Electronic Structure of BiFe _{1-x} MnxO ₃ Thin Films Investigated by X-Ray Absorption Spectroscopy. Journal of Nanomaterials, 2012, 2012, 1-7.	2.7	17