

Alla Chikina

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

500
citations

840776

11
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

870
citing authors

#	ARTICLE	IF	CITATIONS
1	Spin fluctuation induced Weyl semimetal state in the paramagnetic phase of EuCd_2As_2 . <i>Science Advances</i> , 2019, 5, eaaw4718.	10.3	122
2	Observation of Single-Spin Dirac Fermions at the Graphene/Ferromagnet Interface. <i>Nano Letters</i> , 2015, 15, 2396-2401.	9.1	82
3	Emergence of Nontrivial Low-Energy Dirac Fermions in Antiferromagnetic EuCd_2As_2 . <i>Advanced Materials</i> , 2020, 32, e1907565.	21.0	51
4	Emerging 2D-ferromagnetism and strong spin-orbit coupling at the surface of valence-fluctuating Eu_2Si_2 . <i>Npj Quantum Materials</i> , 2019, 4, .	5.2	46
5	Proximity Effects on the Charge Density Wave Order and Superconductivity in Single-Layer NbSe_2 . <i>ACS Nano</i> , 2021, 15, 19430-19438.	14.6	35
6	Orbital Ordering of the Mobile and Localized Electrons at Oxygen-Deficient $\text{LaAlO}_3/\text{SrTiO}_3$ Interfaces. <i>ACS Nano</i> , 2018, 12, 7927-7935.	14.6	34
7	Spin Orientation of Two-Dimensional Electrons Driven by Temperature-Tunable Competition of Spin-Orbit and Exchange-Magnetic Interactions. <i>Nano Letters</i> , 2017, 17, 811-820.	9.1	28
8	k-resolved electronic structure of buried heterostructure and impurity systems by soft-X-ray ARPES. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2019, 236, 1-8.	1.7	24
9	Electronic phase separation at $\text{LaAlO}_3/\text{SrTiO}_3$ interfaces tunable by oxygen deficiency. <i>Physical Review Materials</i> , 2019, 3, .	14.6	19
10	Band-Order Anomaly at the $\text{Al}_2\text{O}_3/\text{SrTiO}_3$ Interface Drives the Electron-Mobility Boost. <i>ACS Nano</i> , 2021, 15, 4347-4356.	14.6	18
11	Correlated electronic structure of colossal thermopower FeSb_2 : An ARPES and ab initio study. <i>Physical Review Research</i> , 2020, 2, .	3.6	11
12	Direct Spectroscopic Evidence of Magnetic Proximity Effect in MoS_2 Monolayer on Graphene/Co. <i>ACS Nano</i> , 2022, 16, 7448-7456.	14.6	7
13	Artificial quantum confinement in $\text{LaAlO}_3/\text{SrTiO}_3$ heterostructures. <i>Physical Review Materials</i> , 2020, 4, .	14.6	6
14	Disclosing the response of the surface electronic structure in SrTiO_3 (001) to strain. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2022, 40, .	2.1	6
15	Dimensionality of mobile electrons at x-ray-irradiated $\text{LaAlO}_3/\text{SrTiO}_3$ interfaces. <i>Electronic Structure</i> , 2022, 4, 015003.	2.8	5
16	X-Ray Writing of Metallic Conductivity and Oxygen Vacancies at Silicon/ SrTiO_3 Interfaces. <i>Advanced Functional Materials</i> , 2019, 29, 1900645.	14.9	3
17	Semiconductors: X-Ray Writing of Metallic Conductivity and Oxygen Vacancies at Silicon/ SrTiO_3 Interfaces (Adv. Funct. Mater. 25/2019). <i>Advanced Functional Materials</i> , 2019, 29, 1970172.	14.9	2
18	Surface conductivity in antiferromagnetic semiconductor CrSb_2 . <i>Physical Review Research</i> , 2020, 2, .	3.6	1