

Kai Chang

List of Publications by Year in descending order

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29
papers

2,942
citations

430874

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526287

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29
docs citations

29
times ranked

3930
citing authors

#	ARTICLE	IF	CITATIONS
1	Stoichiometric Growth of Monolayer FeSe Superconducting Films Using a Selenium Cracking Source. Crystals, 2022, 12, 853.	2.2	1
2	Material Preparation/Thin Film Growth. , 2021, , 1-50.		0
3	<i>Colloquium</i> : Physical properties of group-IV monochalcogenide monolayers. Reviews of Modern Physics, 2021, 93, .	45.6	87
4	Large Fermiâ€Energy Shift and Suppression of Trivial Surface States in NbP Weyl Semimetal Thin Films. Advanced Materials, 2021, 33, e2008634.	21.0	7
5	Vortexâ€Oriented Ferroelectric Domains in SnTe/PbTe Monolayer Lateral Heterostructures. Advanced Materials, 2021, 33, e2102267.	21.0	11
6	MoS2 on topological insulator Bi2Te3 thin films: Activation of the basal plane for hydrogen reduction. Journal of Energy Chemistry, 2021, 62, 516-522.	12.9	24
7	Intrinsic 2D-XY ferromagnetism in a van der Waals monolayer. Science, 2021, 374, 616-620.	12.6	116
8	Material Preparation and Thin Film Growth. , 2021, , 1153-1202.		1
9	TGFB-INHB/activin signaling regulates age-dependent autophagy and cardiac health through inhibition of MTORC2. Autophagy, 2020, 16, 1807-1822.	9.1	52
10	Handedness-dependent quasiparticle interference in the two enantiomers of the topological chiral semimetal PdGa. Nature Communications, 2020, 11, 3507.	12.8	27
11	Microscopic Manipulation of Ferroelectric Domains in SnSe Monolayers at Room Temperature. Nano Letters, 2020, 20, 6590-6597.	9.1	136
12	Experimental formation of monolayer group-IV monochalcogenides. Journal of Applied Physics, 2020, 127, .	2.5	29
13	Realization of Epitaxial NbP and TaP Weyl Semimetal Thin Films. ACS Nano, 2020, 14, 4405-4413.	14.6	31
14	Large planar Hall effect in bismuth thin films. Physical Review Research, 2020, 2, .	3.6	17
15	Standing Waves Induced by Valley-Mismatched Domains in Ferroelectric SnTe Monolayers. Physical Review Letters, 2019, 122, 206402.	7.8	27
16	From an atomic layer to the bulk: Low-temperature atomistic structure and ferroelectric and electronic properties of SnTe films. Physical Review B, 2019, 99, .	3.2	39
17	The growth and phase distribution of ultrathin SnTe on graphene. APL Materials, 2019, 7, .	5.1	11
18	In-Plane Ferroelectric Tunnel Junction. Physical Review Applied, 2019, 11, .	3.8	34

#	ARTICLE	IF	CITATIONS
19	2D Ferroelectrics: Enhanced Spontaneous Polarization in Ultrathin SnTe Films with Layered Antipolar Structure (Adv. Mater. 3/2019). Advanced Materials, 2019, 31, 1970016.	21.0	2
20	Enhanced Spontaneous Polarization in Ultrathin SnTe Films with Layered Antipolar Structure. Advanced Materials, 2019, 31, e1804428.	21.0	88
21	Discovery of robust in-plane ferroelectricity in atomic-thick SnTe. Science, 2016, 353, 274-278.	12.6	742
22	Molecular beam epitaxy growth of superconducting LiFeAs film on SrTiO ₃ (001) substrate. Europhysics Letters, 2015, 109, 28003.	2.0	17
23	Synthesis of semimetal A ₃ Bi (A=Na, K) thin films by molecular beam epitaxy. Applied Surface Science, 2015, 327, 213-217.	6.1	18
24	Semimetal Na ₃ Bi Thin Film Grown on Double-Layer Graphene by Molecular Beam Epitaxy. Chinese Physics Letters, 2014, 31, 116802.	3.3	5
25	Molecular beam epitaxy growth and post-growth annealing of FeSe films on SrTiO ₃ : a scanning tunneling microscopy study. Journal of Physics Condensed Matter, 2014, 26, 265002.	1.8	56
26	Superconductivity in a single-layer alkali-doped FeSe: A weakly coupled two-leg ladder system. Physical Review B, 2013, 88, .	3.2	11
27	$\frac{KFe_2Se_{7.8}}{101}$ the Parent Compound of K-Doped Iron Selenide Superconductors. Physical Review Letters, 2012, 109, 057003.	7.8	101
28	Interface-Induced High-Temperature Superconductivity in Single Unit-Cell FeSe Films on SrTiO ₃ . Chinese Physics Letters, 2012, 29, 037402.	3.3	972
29	Phase separation and magnetic order in K-doped iron selenide superconductor. Nature Physics, 2012, 8, 126-130.	16.7	280