

Xiaoxiong Wang

List of Publications by Year in descending order

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13
papers

379
citations

1040056

9
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

776
citing authors

#	ARTICLE	IF	CITATIONS
1	Elemental Topological Dirac Semimetal: $\hat{\pm}$ -Sn on InSb(111). Physical Review Letters, 2017, 118, 146402.	7.8	98
2	Gapped electronic structure of epitaxial stanene on InSb(111). Physical Review B, 2018, 97, .	3.2	91
3	Interfacial Protection of Topological Surface States in Ultrathin Sb Films. Physical Review Letters, 2012, 108, 176401.	7.8	69
4	Realization of Symmetry-Enforced Two-Dimensional Dirac Fermions in Nonsymmorphic $\hat{\pm}$ -Bismuthene. ACS Nano, 2020, 14, 1888-1894.	14.6	45
5	Band Topology of Bismuth Quantum Films. Crystals, 2019, 9, 510.	2.2	20
6	Topological phase transition and Dirac fermion transfer in Bi ₂ Se ₃ films. Europhysics Letters, 2013, 101, 27004.	2.0	11
7	Survey of electronic structure of Bi and Sb thin films by first-principles calculations and photoemission measurements. Journal of Physics and Chemistry of Solids, 2019, 128, 109-117.	4.0	11
8	Experimental and theoretical electronic structure and symmetry effects in ultrathin NbSe ₂ films. Physical Review Materials, 2018, 2, .	2.4	11
9	Symmetry-constrained reorganization of Dirac cones in topological insulators by surface modification. Physical Review B, 2011, 84, .	3.2	9
10	Topological phase transitions in stanene and stanene-like systems by scaling the spin-orbit coupling. Europhysics Letters, 2016, 115, 37010.	2.0	6
11	First-principles study of the topological surface states of $\hat{\pm}$ -Sn(111). Physics Letters, Section A: General, Atomic and Solid State Physics, 2020, 384, 126782.	2.1	5
12	Antimony oxide nanostructures in the monolayer limit: self-assembly of van der Waals-bonded molecular building blocks. Nanotechnology, 2021, 32, 125701.	2.6	2
13	Double band inversion in the topological phase transition of Ge _{1-x} Sn _x alloys. Europhysics Letters, 2021, 133, 57001.	2.0	1