

Lijun Meng

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

148
citations

1306789

7
h-index

1199166

12
g-index

18
all docs

18
docs citations

18
times ranked

248
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-dimensional topological insulators with tunable band gaps: Single-layer HgTe and HgSe. Scientific Reports, 2015, 5, 14115.	1.6	50
2	Growth of graphene structure on 6H-SiC(0001): Molecular dynamics simulation. Journal of Applied Physics, 2008, 103, .	1.1	25
3	A type of novel Weyl semimetal candidate: layered transition metal monochalcogenides Mo ₂ XY (X, Y = Tj ETQq1 1,0,784314 rgBT /O	2.8	13
4	A type of robust superlattice type-I Weyl semimetal with four Weyl nodes. Nanoscale, 2019, 11, 18358-18366.	2.8	12
5	Dirac-Weyl semimetal phase in noncentrosymmetric transition metal monochalcogenides MoTe and WTe. Journal of Materials Chemistry C, 2019, 7, 12151-12159.	2.7	11
6	Dewetting and detachment of Pt nanofilms on graphitic substrates: A molecular dynamics study. Journal of Applied Physics, 2015, 117, 064304.	1.1	7
7	Phase transition studies of Na ₃ Bi system under uniaxial strain. Journal of Physics Condensed Matter, 2018, 30, 125502.	0.7	7
8	A First-Principles Study of Electronic Properties of Twisted MoTe ₂ . Physica Status Solidi (B): Basic Research, 2020, 257, 1900412.	0.7	6
9	Mechanical behavior of silicon carbide nanoparticles under uniaxial compression. Journal of Nanoparticle Research, 2016, 18, 1.	0.8	5
10	Electronic properties of 1T-MoS ₂ nanoribbon and its homojunction nanoribbon. Physica Status Solidi (B): Basic Research, 2017, 254, 1600728.	0.7	3
11	Weyl semimetal phase in the noncentrosymmetric superlattice W ₂ XY(X,Y=S,Se,Te,X≠Y). Physical Review B, 2019, 100, .	1.1	3
12	Correlation effect on the electronic properties of pair-checkerboard AFM monolayer FeSe: a first-principles study. Journal of Physics Condensed Matter, 2019, 31, 305502.	0.7	2
13	A novel metastable state magnetic phase of monolayer FeSe. Journal of Physics Condensed Matter, 2018, 30, 155804.	0.7	1
14	Molecular dynamics study of the growth of a metal nanoparticle array by solid dewetting. Journal of Nanoparticle Research, 2018, 20, 1.	0.8	1
15	Dirac-cone-like electronic states on nematic antiferromagnetic FeSe and FeTe. Journal of Physics Condensed Matter, 2022, 34, 325801.	0.7	1
16	Weyl semimetal states in transition metal monochalcogenide superlattices AX/BX (A, B = Cr, Mo, W, A ≠) Tj ETQq0,0 0 rgBT /Overlock	1.3	1
17	Magnetic field effect on topological properties of Dirac semimetals PdTe ₂ /PtTe ₂ /PtSe ₂ . Journal of Physics Condensed Matter, 2022, 34, 085802.	0.7	0
18	Alloying driven multifold fermion-Weyl semimetal transition in CoSi _{1-x} A _x (A = Ge, Sn). Physica Status Solidi - Rapid Research Letters, 0, , .	1.2	0