

Jiabin Yu

List of Publications by Year in descending order

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20
papers

396
citations

840585

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20
all docs

20
docs citations

20
times ranked

541
citing authors

#	ARTICLE	IF	CITATIONS
1	Effective field theories of topological crystalline insulators and topological crystals. Physical Review B, 2022, 105, .	1.1	6
2	Euler-obstructed Cooper pairing: Nodal superconductivity and hinge Majorana zero modes. Physical Review B, 2022, 105, .	1.1	4
3	Presence versus absence of two-dimensional Fermi surface anomalies. Physical Review B, 2021, 103, .	1.1	2
4	Phonon Helicity Induced by Electronic Berry Curvature in Dirac Materials. Physical Review Letters, 2021, 127, 125901.	2.9	12
5	Pseudo-gauge fields in Dirac and Weyl materials. Semiconductors and Semimetals, 2021, 108, 195-224.	0.4	4
6	Dynamical symmetry indicators for Floquet crystals. Nature Communications, 2021, 12, 5985.	5.8	13
7	Dynamical piezomagnetic effect in time-reversal-invariant Weyl semimetals with axionic charge density waves. Physical Review B, 2021, 104, .	1.1	7
8	Dynamical fragile topology in Floquet crystals. Physical Review B, 2021, 104, .	1.1	5
9	Quantum anomalous Hall effect in two-dimensional magnetic insulator heterojunctions. Npj Computational Materials, 2020, 6, .	3.5	24
10	Gapless Criterion for Crystals from Effective Axion Field. Physical Review Letters, 2020, 125, 036401.	2.9	5
11	Tuning the Chern number in quantum anomalous Hall insulators. Nature, 2020, 588, 419-423.	13.7	103
12	Spin susceptibility, upper critical field, and disorder effect in $j = 3/2$ superconductors with singlet-quintet mixing. Journal of Applied Physics, 2020, 128, 063904.	1.1	2
13	Piezoelectricity and topological quantum phase transitions in two-dimensional spin-orbit coupled crystals with time-reversal symmetry. Nature Communications, 2020, 11, 2290.	5.8	22
14	Surface Majorana flat bands in $j = 3/2$ superconductors with singlet-quintet mixing. Chinese Physics B, 2020, 29, 017402.	0.7	0
15	Finite-scale emergence of 2+1D supersymmetry at first-order quantum phase transition. Physical Review B, 2019, 100, .	1.1	12
16	Magnetic resonance induced pseudoelectric field and giant current response in axion insulators. Physical Review B, 2019, 100, .	1.1	21
17	Singlet-quintet mixing in spin-orbit coupled superconductors with $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle = \langle \text{mml:mo} \rangle \langle \text{mml:mfrac} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle$ fermions. Physical Review B, 2018, 98, .	1.1	6
18	Unconventional superconductivity and surface pairing symmetry in half-Heusler compounds. Physical Review B, 2018, 97, .	1.1	12

#	ARTICLE	IF	CITATIONS
19	Prediction of Triple Point Fermions in Simple Half-Heusler Topological Insulators. Physical Review Letters, 2017, 119, 136401.	2.9	75
20	Model Hamiltonian and time reversal breaking topological phases of antiferromagnetic half-Heusler materials. Physical Review B, 2017, 95, .	1.1	37