Wei Ning

List of Publications by Year
in descending order

22	582	759233 12	677142 22
papers	citations	h-index	g-index

23	23	23	998
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Giant room temperature anomalous Hall effect and tunable topology in a ferromagnetic topological semimetal Co2MnAl. Nature Communications, 2020, 11, 3476.	12.8	127
2	Extremely Large Magnetoresistance in a Topological Semimetal Candidate Pyrite <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>PtBi</mml:mi></mml:mrow><mml:mn>2</mml:mn></mml:msub></m Physical Review Letters, 2017, 118, 256601.	7.8	114
3	Probing the chiral anomaly by planar Hall effect in Dirac semimetal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Cd</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math> nanoplates. Physical Review B, 2018, 98, .	3.2	64
4	A possible candidate for triply degenerate point fermions in trigonal layered PtBi2. Nature Communications, 2018, 9, 3249.	12.8	55
5	Field-induced topological phase transition from a three-dimensional Weyl semimetal to a two-dimensional massive Dirac metal in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>ZrT</mml:mi><mml:msub><mml:mi Recognition of Fermi-arc states through the magnetoresistance quantum oscillations in Dirac semimetal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">C</mml:mi><mml:msub><mml:mi mathvariant="normal">d</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mi mathvariant="normal">A</mml:mi><mml:msub><mml:mi mathvariant="normal">s</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> nanop	3.2	33
6		3.2	25
7	Chiral anomaly and nontrivial Berry phase in the topological nodal-line semimetal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>SrA</mml:mi><mml:msub><mml:mi mathvariant="normal">s</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2019, 99, .	3.2	23
8	Recent advancements in the study of intrinsic magnetic topological insulators and magnetic Weyl semimetals. APL Materials, 2020, 8, .	5.1	20
9	Electrical and anisotropic magnetic properties in layered Mn1/3TaS2 crystals. Applied Physics Letters, 2018, 113, .	3.3	19
10	Magnetoresistance and Shubnikovâ€“de Haas oscillations in layered <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Nb</mml:mi><mml:mn>2</mml:mn></mml:msub></mml: thin flakes. Physical Review B, 2018, 97, .	3.2	18
11	Uniaxial magnetic anisotropy of quasi-one-dimensional Fe chains on Pbâ•Si. Applied Physics Letters, 2009, 94, 012504.	3.3	15
12	Three-dimensional topological semimetal phase in layered <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>TaNi</mml:mi><mml:msub><mml:mi>Te</mml:mi></mml: probed by quantum oscillations. Physical Review B, 2021, 103, .	3.2	13
13	Magnetic reversal in Sr4Ru3O10 nanosheets probed by anisotropic magnetoresistance. Physical Review B, 2018, 98, .	3.2	11
14	Large linear magnetoresistance in a bismuth nanoribbon. Applied Physics Letters, 2017, 110, .	3.3	10
15	Magnetic properties of the layered magnetic topological insulator<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Eu</mml:mi><mml:msub><mml:mi>Sn</mml:mi></mml: Physical Review B, 2021, 104, .	3.2	10
16	In-plane magnetic anisotropy of the Sr4Ru3O10 nanosheet probed by planar Hall effect. Applied Physics Letters, 2017, 111, .	3.3	7
17	Novel Ï€/2-Periodic Planar Hall Effect Due to Orbital Magnetic Moments in MnBi₂Te₄. Nano Letters, 2022, 22, 73-80.	9.1	7
18	Electron spin resonance study of spin correlations in charge-ordered La2â”2xSr1+2xMn2O7(x=0.6). Journal of Applied Physics, 2008, 104, 043910.	2.5	3

#	Article	IF	Citations
19	Signature of Dirac semimetal states in gray arsenic studied by de Haasâ€“van Alphen and Shubnikovâ€“de Haas quantum oscillations. Physical Review B, 2020, 101.	3.2	3
20	Fe-doping induced suppression of the second magnetic transition in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">S</mml:mi><mml:msub><mml:mi mathvariant="normal">r</mml:mi><mml:mn>4</mml:mn></mml:msub><mml:mi mathvariant="normal">R</mml:mi><mml:msub><mml:mi mathvariant="normal">u</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi mathvariant	3.2	2
21	Weak localization and electron-phonon interaction in layered Zintl phase SrIn2P2 single crystal. Journal of Physics Condensed Matter, 2021, 33, 245701.	1.8	1
22	Evolution of the inter-layer coupling in bilayered manganites revealed by ferromagnetic resonance spectra. Journal of Physics Condensed Matter, 2009, 21, 026015.	1.8	0