

Yi-Yan Wang

List of Publications by Year in descending order

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24
papers

371
citations

1040056

9
h-index

794594

19
g-index

24
all docs

24
docs citations

24
times ranked

700
citing authors

#	ARTICLE	IF	CITATIONS
1	Resistivity plateau and extremely large magnetoresistance in NbAs_2 . Physical Review B, 2016, 94, .	3.2	97
2	Quantum oscillations and coherent interlayer transport in a new topological Dirac semimetal candidate YbMnSb_2 . Physical Review Materials, 2018, 2, .	2.4	52
3	Large linear magnetoresistance in a new Dirac material BaMnBi_2 . Chinese Physics B, 2016, 25, 107503.	1.4	28
4	Magnetoresistance and Shubnikov-de Haas oscillation in YSb . Europhysics Letters, 2017, 119, 17002.	2.0	28
5	Unusual magnetotransport in holmium monoantimonide. Physical Review B, 2018, 98, .	3.2	26
6	Extremely large magnetoresistance and electronic structure of TmSb . Physical Review B, 2018, 97, .	3.2	23
7	Crystal growth of BaAgAs family topological materials via flux method. Journal of Crystal Growth, 2020, 531, 125304.	1.5	17
8	Facile synthesis of size tunable Fe_3O_4 nanoparticles in bisolvent system. Chemical Physics Letters, 2016, 664, 219-225.	2.6	12
9	Magneto-transport and electronic structures of BaZnBi_2 . New Journal of Physics, 2017, 19, 123044.	2.9	12
10	Low-temperature properties of MoTe_2 grown by the chemical vapor transport method. Europhysics Letters, 2016, 115, 37007.	2.0	9
11	Tip-induced superconductivity on the topological semimetals TaAs_2 and NbAs_2 . Physical Review B, 2020, 102, .	3.2	9
12	Pressure-Induced Metallization and Structural Phase Transition in the Quasi-One-Dimensional TlFeSe_2 . Chinese Physics Letters, 2020, 37, 047102.	3.3	9
13	Crystal growth and magneto-transport properties of -ZrSb_2 and -HfSb_2 . Europhysics Letters, 2017, 120, 37002.	2.0	8
14	Interlayer quantum transport in Dirac semimetal BaGa_2 . Nature Communications, 2020, 11, 2370.	12.8	8
15	Anisotropic magnetoresistance and de Haas-van Alphen effect in hafnium ditelluride. Physical Review B, 2020, 101, .	3.2	7
16	Effects of vanadium doping on BaFe_2As_2 . Europhysics Letters, 2018, 122, 67006.	2.0	6
17	Shubnikov-de Haas and de Haas-van Alphen oscillations in the topological semimetal CaAl_4 . Physical Review B, 2019, 99, .	3.2	5
18	Transport properties of topological nodal-line semimetal candidate CaAs_3 under hydrostatic pressure. Chinese Physics B, 2019, 28, 046202.	1.4	5

#	ARTICLE	IF	CITATIONS
19	Hexagonal spherical Ln ³⁺ -doped NaGdF ₄ : A facile double solvent hydrothermal synthesis and luminescent properties. <i>Chemical Physics Letters</i> , 2017, 673, 118-125.	2.6	4
20	Large unsaturated transverse and negative longitudinal magnetoresistance in the compensated semimetal MoGe ₂ . <i>Physical Review B</i> , 2021, 103, .	3.2	4
21	Sodium acetate assisted hydrothermal growth of dumbbell-like NaGdF_4 nanobundles: Morphology control and products transformation. <i>Chemical Physics Letters</i> , 2017, 682, 101-107.	2.6	1
22	Magnetotransport properties and topological phase transition in NaCd ₄ As ₃ . <i>Physical Review B</i> , 2020, 102, .	3.2	1
23	Negative Longitudinal Magnetoresistance in the c-Axis Resistivity of Cd*. <i>Chinese Physics Letters</i> , 2019, 36, 057102.	3.3	0
24	Large magnetoresistance and de Haas-van Alphen oscillations in the topological semimetal candidates BaX ₄ (X=Ga, In). <i>Physical Review B</i> , 2021, 104, .	3.2	0