

Yi-Yan Wang

List of Publications by Year in descending order

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papers

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24
docs citations

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700
citing authors

#	ARTICLE	IF	CITATIONS
1	Large unsaturated transverse and negative longitudinal magnetoresistance in the compensated semimetal MoGe ₂ . Physical Review B, 2021, 103, .	3.2	4
2	Large magnetoresistance and de Haas-van Alphen oscillations in the topological semimetal candidates BaX ₄ (X=Ca,Aln). Physical Review B, 2021, 104, .	3.2	0
3	Crystal growth of BaAgAs family topological materials via flux method. Journal of Crystal Growth, 2020, 531, 125304.	1.5	17
4	Magnetotransport properties and topological phase transition in NaCd ₄ As ₃ . Physical Review B, 2020, 102, .	3.2	1
5	Tip-induced superconductivity on the topological semimetals TaAs ₂ and NbAs ₂ . Physical Review B, 2020, 102, .	3.2	9
6	Interlayer quantum transport in Dirac semimetal BaGa ₂ . Nature Communications, 2020, 11, 2370.	12.8	8
7	Pressure-Induced Metallization and Structural Phase Transition in the Quasi-One-Dimensional TlFeSe ₂ *. Chinese Physics Letters, 2020, 37, 047102.	3.3	9
8	Anisotropic magnetoresistance and de Haas-van Alphen effect in hafnium ditelluride. Physical Review B, 2020, 101, .	3.2	7
9	Negative Longitudinal Magnetoresistance in the c-Axis Resistivity of Cd*. Chinese Physics Letters, 2019, 36, 057102.	3.3	0
10	Shubnikov-de Haas and de Haas-van Alphen oscillations in the topological semimetal CaAl ₄ . Physical Review B, 2019, 99, .	3.2	5
11	Transport properties of topological nodal-line semimetal candidate CaAs ₃ under hydrostatic pressure. Chinese Physics B, 2019, 28, 046202.	1.4	5
12	Extremely large magnetoresistance and electronic structure of TmSb. Physical Review B, 2018, 97, .	3.2	23
13	Unusual magnetotransport in holmium monoantimonide. Physical Review B, 2018, 98, .	3.2	26
14	Effects of vanadium doping on BaFe ₂ As ₂ . Europhysics Letters, 2018, 122, 67006.	2.0	6
15	Quantum oscillations and coherent interlayer transport in a new topological Dirac semimetal candidate YbMnSb ₂ . Physical Review Materials, 2018, 2, .	3.4	52
16	Hexagonal spherical Ln ³⁺ -doped NaGdF ₄ : A facile double solvent hydrothermal synthesis and luminescent properties. Chemical Physics Letters, 2017, 673, 118-125.	2.6	4
17	Magnetoresistance and Shubnikov-de Haas oscillation in YSb. Europhysics Letters, 2017, 119, 17002.	2.0	28
18	Sodium acetate assisted hydrothermal growth of dumbbell-like NaGdF ₄ nanobundles: Morphology control and products transformation. Chemical Physics Letters, 2017, 682, 101-107.	2.6	1

#	ARTICLE	IF	CITATIONS
19	Crystal growth and magneto-transport properties of \hat{I}_{\pm} -ZrSb ₂ and \hat{I}_{\pm} -HfSb ₂ . Europhysics Letters, 2017, 120, 37002.	2.0	8
20	Magneto-transport and electronic structures of BaZnBi ₂ . New Journal of Physics, 2017, 19, 123044.	2.9	12
21	Large linear magnetoresistance in a new Dirac material BaMnBi ₂ . Chinese Physics B, 2016, 25, 107503.	1.4	28
22	Resistivity plateau and extremely large magnetoresistance in NbAs_2 and TaAs_2 . Physical Review B, 2016, 94, .	3.2	97
23	Low-temperature properties of \hat{I}_{\pm} -MoTe ₂ grown by the chemical vapor transport method. Europhysics Letters, 2016, 115, 37007.	2.0	9
24	Facile synthesis of size tunable Fe ₃ O ₄ nanoparticles in bisolvent system. Chemical Physics Letters, 2016, 664, 219-225.	2.6	12