

Wen-He Jiao

List of Publications by Year in descending order

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papers

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430874

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42
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1189
citing authors

#	ARTICLE	IF	CITATIONS
1	Anisotropic transport in a possible quasi-one-dimensional topological candidate: TaNi ₂ Te ₃ . Tungsten, 2023, 5, 325-331.	4.8	5
2	Structure and transport properties of the quasi-one-dimensional telluride $\text{Ta}_{1-x}\text{Pt}_x\text{Te}_5$. Physical Review B, 2022, 105, .	3.2	4
3	Coexistence of Ferroelectriclike Polarization and Dirac-like Surface State in TaNiTe_5 . Physical Review Letters, 2022, 128, 106802.	7.8	57
4	Dirac nodal lines in the quasi-one-dimensional ternary telluride TaPtTe_5 . Physical Review B, 2022, 105, .	3.2	3
5	Anisotropic transport and de Haas-van Alphen oscillations in quasi-one-dimensional TaPtTe_5 . Physical Review B, 2021, 103, .	3.2	3
6	Coupling between antiferromagnetic and spin-glass orders in the quasi-one-dimensional iron telluride TaFe _{1+x} Te ₃ (x=0.25). Physical Review B, 2021, 104, .	3.2	6
7	Possible Evidence for Berezinskii-Kosterlitz-Thouless Transition in Ba(Fe _{0.914} Co _{0.086}) ₂ As ₂ Crystals. Materials, 2021, 14, 6294.	2.9	1
8	Topological Dirac states in a layered telluride TaPdTe_5 with quasi-one-dimensional chains. Physical Review B, 2020, 102, .	3.2	15
9	Anisotropic Transport and Quantum Oscillations in the Quasi-One-Dimensional TaNiTe ₅ : Evidence for the Nontrivial Band Topology. Journal of Physical Chemistry Letters, 2020, 11, 7782-7789.	4.6	21
10	Electronic structure and phase diagram of HfTe_5 . Physical Review B, 2019, 100, .	3.2	0
11	Two-gap superconductivity and topological surface states in TaOsSi. Physical Review B, 2019, 100, .	3.2	16
12	Extreme magnetoresistance and pressure-induced superconductivity in the topological semimetal candidate YBi. Physical Review B, 2019, 99, .	3.2	17
13	Normal-state properties of the quasi-one-dimensional superconductor Ta ₄ Pd ₃ Te ₁₆ . Journal of Physics Condensed Matter, 2019, 31, 325601.	1.8	2
14	Evidence for nodal superconductivity in a layered compound Ta ₄ Pd ₃ Te ₁₆ . Journal of Physics Condensed Matter, 2018, 30, 055701.	1.8	3
15	Evidence of s-wave superconductivity in the noncentrosymmetric La ₇ Ir ₃ . Scientific Reports, 2018, 8, 651.	3.3	19
16	Magnetism and superconductivity in Eu(Fe _{1-x} Ni _x)As ₂ (x = 0, 0.04). Science China: Physics, Mechanics and Astronomy, 2018, 61, 1.	5.1	13
17	Topological Type-II Dirac Fermions Approaching the Fermi Level in a Transition Metal Dichalcogenide NiTe ₂ . Chemistry of Materials, 2018, 30, 4823-4830.	6.7	101
18	Domain Meissner state and spontaneous vortex-antivortex generation in the ferromagnetic superconductor EuFe ₂ (As _{0.79} P _{0.21}) ₂ . Science Advances, 2018, 4, eaat1061.	10.3	54

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19	Peculiar properties of the ferromagnetic superconductor $\text{Eu}(\text{Fe}_{0.91}\text{Rh}_{0.09})_2\text{As}_2$. Superconductor Science and Technology, 2017, 30, 025012.	3.5	8
20	Evidence of spontaneous vortex ground state in an iron-based ferromagnetic superconductor. Npj Quantum Materials, 2017, 2, .	5.2	21
21	Reentrant phases in electron-doped EuFe_2As_2 . Spin glass and superconductivity. Physical Review B, 2017, 95, .	3.2	11
22	Visualization of the magnetic flux structure in phosphorus-doped EuFe_2As_2 single crystals. JETP Letters, 2017, 105, 98-102.	1.4	21
23	Optical properties of superconducting $\text{EuFe}_2(\text{AsP})_2$. Physica Status Solidi (B): Basic Research, 2017, 254, 1600148.	1.5	9
24	Superconductivity and ferromagnetism in hole-doped $\text{RbEuFe}_4\text{As}_8$. Physical Review B, 2016, 93, .	3.2	15
25	Less superconductivity in quasi-one-dimensional TaPd_3Te_4 . Physical Review B, 2016, 93, .	3.2	15
26	Superconductivity in TaPd_3Te_4 with quasi-one-dimensional PdTe_2 chains. Scientific Reports, 2016, 6, 21628.	3.3	15
27	Nodal superconductivity and superconducting dome in the layered superconductor $\text{Ta}_4\text{Pd}_3\text{Te}_{16}$. Physical Review B, 2015, 92, .	3.2	25
28	Scanning tunneling microscopy study of superconductivity, magnetic vortices, and possible charge-density wave in $\text{Ta}_4\text{Pd}_3\text{Te}_{16}$. Physical Review B, 2015, 91, .	3.2	25
29	Multiband superconductivity in $\text{Ta}_4\text{Pd}_3\text{Te}_{16}$ with anisotropic gap structure. Journal of Physics Condensed Matter, 2015, 27, 325701.	1.8	9
30	Electronic nematicity revealed by torque magnetometry in EuFe_2As_2 . Physical Review B, 2014, 89, .	3.2	14
31	Superconductivity in a Layered $\text{Ta}_4\text{Pd}_3\text{Te}_{16}$ with PdTe_2 Chains. Journal of the American Chemical Society, 2014, 136, 1284-1287.	13.7	52
32	Possible charge-density wave, superconductivity, and f -electron valence instability in EuBiS_2 . Physical Review B, 2014, 90, .	3.2	112
33	Electronic structure of $\text{Eu}(\text{Fe}_{0.79}\text{Ru}_{0.21})_2\text{As}_2$ studied by angle-resolved photoemission spectroscopy. Journal of Physics Condensed Matter, 2014, 26, 265701.	1.8	2
34	Superconductivity, charge- or spin-density wave, and metal-nonmetal transition in BaTi_2As_2 . Physical Review B, 2014, 89, .		

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37	Evidence for two energy gaps and Fermi liquid behavior in the SrPt ₂ As ₂ weakly ferromagnetic metallic state in heavily doped Ba _{1-x} Mn _x Bi ₂ Se ₃ . <i>Physical Review Letters</i> , 2012, 108, 177001.	3.2	27
38	Weakly ferromagnetic metallic state in heavily doped Ba _{1-x} Mn _x Bi ₂ Se ₃ . <i>Physical Review Letters</i> , 2012, 108, 177001.	3.2	31
39	Crystal structure and superconductivity of CeNi ₂ Si ₂ -type CeNi ₂ Bi ₂ Se ₃ . <i>Physical Review B</i> , 2012, 85, 020407.	3.2	20
40	Growth and characterization of Bi ₂ Se ₃ crystals by chemical vapor transport. <i>AIP Advances</i> , 2012, 2, 013101.	1.3	10
41	EuRu ₂ As ₂ : A New Ferromagnetic Metal with Collapsed ThCr ₂ Si ₂ -Type Structure. <i>Journal of Superconductivity and Novel Magnetism</i> , 2012, 25, 441-445.	1.8	9
42	Anisotropic superconductivity in Eu(Fe _{0.75} Ru _{0.25}) ₂ As ₂ ferromagnetic superconductor. <i>Europhysics Letters</i> , 2011, 95, 67007.	2.0	56