

Wen-He Jiao

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

968
citations

430874

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434195

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docs citations

42
times ranked

1189
citing authors

#	ARTICLE	IF	CITATIONS
1	<p>Possible charge density wave, superconductivity, and f-electron valence instability in EuBiS_2. Physical Review B, 2014, 90, .</p>	3.2	112
2	<p>Topological Type-II Dirac Fermions Approaching the Fermi Level in a Transition Metal Dichalcogenide NiTe_2. Chemistry of Materials, 2018, 30, 4823-4830.</p>	6.7	101
3	<p>Superconductivity and ferromagnetism in hole-doped $\text{RbEuFe}_4\text{As}_2$. Physical Review B, 2016, 93, .</p>	10.3	54
4	<p>Anisotropic superconductivity in $\text{Eu}(\text{Fe}_{0.75}\text{Ru}_{0.25})_2\text{As}_2$ ferromagnetic superconductor. Europhysics Letters, 2011, 95, 67007.</p>	2.0	56
5	<p>Domain Meissner state and spontaneous vortex-antivortex generation in the ferromagnetic superconductor $\text{EuFe}_2(\text{As}_{0.79}\text{P}_{0.21})_2$. Science Advances, 2018, 4, eaat1061.</p>	10.3	54
6	<p>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.</p>	13.7	52
7			

#	ARTICLE	IF	CITATIONS
19	Extreme magnetoresistance and pressure-induced superconductivity in the topological semimetal candidate YBi. Physical Review B, 2019, 99, .	3.2	17
20	Two-gap superconductivity and topological surface states in TaOsSi. Physical Review B, 2019, 100, .	3.2	16
21	Charge fluctuations and nodeless superconductivity in quasi-one-dimensional $\text{Ta}_4\text{Pd}_3\text{Te}_{16}$ revealed	3.2	15
22	Topological Dirac states in a layered telluride TaPdTe_5 with quasi-one-dimensional chains. Physical Review B, 2020, 102, .	3.2	15
23	Superconductivity in $\text{Ta}_3\text{Pd}_3\text{Te}_{14}$ with quasi-one-dimensional PdTe_2 chains. Scientific Reports, 2016, 6, 21628.	3.3	15
24	Electronic nematicity revealed by torque magnetometry in EuFe_2 Physical Review B, 2014, 89, .	3.2	14
25	Magnetism and superconductivity in $\text{Eu}(\text{Fe}_{1-x}\text{Ni}_x)\text{As}_2$ ($x = 0, 0.04$). Science China: Physics, Mechanics and Astronomy, 2018, 61, 1.	5.1	13
26	Growth and characterization of Bi_2Se_3 crystals by chemical vapor transport. AIP Advances, 2012, 2, .	1.3	10
27	Anisotropic transport and de Haas-van Alphen oscillations in quasi-one-dimensional TaPt_3 Physical Review B, 2021, 103, .	3.2	10
28	EuRu_2As_2 : A New Ferromagnetic Metal with Collapsed ThCr_2Si_2 -Type Structure. Journal of Superconductivity and Novel Magnetism, 2012, 25, 441-445.	1.8	9
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	Reentrant phases in electron-doped EuFe_2 Spin glass and superconductivity. Physical Review B, 2017, 95, .	1.8	9
31	Optical properties of superconducting $\text{EuFe}_2(\text{AsP})_2$. Physica Status Solidi (B): Basic Research, 2017, 254, 1600148.	1.5	9
32	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
33	Coexistence of Ferroelectriclike Polarization and Dirac-like Surface State in TaNiTe_5 Physical Review Letters, 2022, 128, 106802.	7.8	7
34	Coupling between antiferromagnetic and spin-glass orders in the quasi-one-dimensional iron telluride $\text{TaFe}_{1+x}\text{Te}_3$ ($x=0.25$). Physical Review B, 2021, 104, .	3.2	6
35	Anisotropic transport in a possible quasi-one-dimensional topological candidate: TaNi_2Te_3 . Tungsten, 2023, 5, 325-331.	4.8	5
36	Structure and transport properties of the quasi-one-dimensional telluride $\text{Ta}_4\text{Pd}_3\text{Te}_{16}$ Physical Review B, 2022, 105, .	3.2	4

#	ARTICLE	IF	CITATIONS
37	Evidence for nodal superconductivity in a layered compound $\text{Ta}_4\text{Pd}_3\text{Te}_{16}$. Journal of Physics Condensed Matter, 2018, 30, 055701.	1.8	3
38	Dirac nodal lines in the quasi-one-dimensional ternary telluride TaPtTe_5 . Physical Review B, 2022, 105, .	3.2	1
39	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
40	Normal-state properties of the quasi-one-dimensional superconductor $\text{Ta}_4\text{Pd}_3\text{Te}_{16}$. Journal of Physics Condensed Matter, 2019, 31, 325601.	1.8	2
41	Possible Evidence for Berezinskii-“Kosterlitz”-Thouless Transition in $\text{Ba}(\text{Fe}_{0.914}\text{Co}_{0.086})_2\text{As}_2$ Crystals. Materials, 2021, 14, 6294.	2.9	1
42	Electronic structure and phase diagram of H^{\sim}T Eu . Physical Review B, 2019, 100, .	3.2	0