

Jia Yu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Superconductivity at 5 K in quasi-one-dimensional Cr-based KCr_2AsF_6 long-exchange synthesis and superconductivity at 8.6 K of $\text{NxCr}_2\text{AsF}_6$	2.4	51
2	Discovery of a novel 112-type iron-pnictide and La-doping induced superconductivity in $\text{Eu}_{1-x}\text{La}_x\text{FeAs}_2$ ($x = 0 \sim 0.15$). Science Bulletin, 2017, 62, 218-221.	9.0	24
3	Large negative magnetoresistance in the antiferromagnetic rare-earth dichalcogenide EuTe_2 . Physical Review Materials, 2020, 4, .	2.4	21
4	Superconductivity at 3.85 K in BaPd_2As_2 with the ThCr_2Si_2 -type structure. Europhysics Letters, 2016, 113, 17002.	2.0	19
5	Superconductivity and Charge Density Wave in Iodine-Doped Cu_2Te_4 . Chinese Physics Letters, 2021, 38, 037401.	3.3	15
6	Superconductivity at 7.8 K in the ternary LaRu_2As_2 compound. Science Bulletin, 2016, 61, 921-924.	9.0	14
7	Magnetism variation of the compressed antiferromagnetic topological insulator EuSn_2As_2 . Science China: Physics, Mechanics and Astronomy, 2021, 64, 1.	5.1	13
8	Co-doping effects on magnetism and superconductivity in the 112-type EuFeAs_2 system. Science China: Physics, Mechanics and Astronomy, 2021, 64, 1.	5.1	12
9	Structure and magnetic properties of the $S = 3/2$ zigzag spin chain antiferromagnet $\text{BaCoTe}_2\text{O}_7$. Science China: Physics, Mechanics and Astronomy, 2021, 64, 1.	5.1	11
10	Superconductivity in the ternary iridium-arsenide BaIr_2As_2 . Superconductor Science and Technology, 2017, 30, 035007.	3.5	10
11	Nonsuperconducting electronic ground state in pressurized BaFe_2S_3 and $\text{BaFe}_2\text{S}_{2.5}$. Physical Review B, 2020, 101, .	3.2	8
12	Structural, magnetic, and electronic evolution of the spin-ladder system BaFe_2S_3 with isoelectronic substitution. Physical Review B, 2020, 101, .	3.2	6
13	Unravelling the mechanism of the semiconducting-like behavior and its relation to superconductivity in CaFe_2S_3 . Physical Review B, 2019, 99, .	3.2	5
14	Magnetic ordering and spin dynamics in the $S=2$ staggered triangular lattice antiferromagnet $\text{Ba}_2\text{MnTeO}_6$. Physical Review B, 2020, 102, .	3.2	5
15	Coexistence of ferromagnetism, antiferromagnetism, and superconductivity in magnetically anisotropic $(\text{Eu,Lu})\text{FeAs}_2$. Npj Quantum Materials, 2021, 6, .	5.2	4