

Zhixiang Hu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Electrical and thermal transport in van der Waals magnets $2H\hat{A}^{\sim}MxTaS2\hat{A}(M=Mn,\hat{A}Co)$. Physical Review Research, 2022, 4, .	3.6	5
2	Polaronic Conductivity in $Cr_{2}Ge_{2}Te_{6}$ Single Crystals. Advanced Functional Materials, 2022, 32, .	14.9	7
3	Cascade of Spin-State Transitions in the Intermetallic Marcasite FeP_{2} . Chemistry of Materials, 2022, 34, 2025-2033.	6.7	3
4	Anomalous Hall effect in the weak-itinerant ferrimagnet $FeCr_{2}Mn_{3}$. Physical Review B, 2021, 103, .	3.2	10
5	Three-dimensional ferromagnetism and magnetotransport in van der Waals Mn-intercalated tantalum disulfide. Physical Review B, 2021, 103, .	3.2	12
6	Synthesis and Characterization of Ultrathin $FeTe_{2}$ Nanocrystals. ACS Omega, 2021, 6, 10537-10546.	3.5	9
7	Polaronic transport and thermoelectricity in $Mn_{2}Cr_{2}Te_{3}$ single crystals. Physical Review B, 2021, 103, .	3.2	10
8	Magnetic critical behavior and anomalous Hall effect in $2H\hat{A}^{\sim}Mn_{2}Cr_{2}Te_{3}$ single crystals. Physical Review Research, 2021, 3, .	3.6	11
9	Anisotropic magnetocaloric effect and critical behavior in $CrSbSe_{3}$. Physical Review B, 2020, 102, .	3.2	11
10	Three-dimensional Ising ferrimagnetism of Cr-Fe-Cr trimers in $FeCr_{2}Te_{4}$. Physical Review B, 2020, 102, .	3.2	8
11	High Fermi velocities and small cyclotron masses in LaAlGe. Applied Physics Letters, 2020, 117, .	3.3	8
12	Three-dimensional Fermi surface and small effective masses in $Mo_{8}Ga_{41}$. Applied Physics Letters, 2020, 116, 202601.	3.3	6
13	Tunable band gap of layered semiconductor $Zn_{3}In_{2}S_{6}$ under pressure. Journal of Materials Chemistry C, 0, .	5.5	6