

# Zhixiang Hu

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

105  
citations

1307594

7  
h-index

1372567

10  
g-index

13  
all docs

13  
docs citations

13  
times ranked

112  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polaronic transport and thermoelectricity in $\text{MnTe}$ single crystals. <i>Physical Review B</i> , 2021, 103, .	3.2	12
2	Three-dimensional ferromagnetism and magnetotransport in van der Waals Mn-intercalated tantalum disulfide. <i>Physical Review B</i> , 2021, 103, .	3.2	12
3	Magnetic critical behavior and anomalous Hall effect in $2\text{H-TaAs}$ single crystals. <i>Physical Review Research</i> , 2021, 3, .	3.6	11
4	Anomalous Hall effect in the weak-itinerant ferrimagnet $\text{FeCrTe}$ . <i>Physical Review B</i> , 2021, 103, .	3.2	10
5	Synthesis and Characterization of Ultrathin $\text{FeTe}_2$ Nanocrystals. <i>ACS Omega</i> , 2021, 6, 10537-10546.	3.5	9
6	Three-dimensional Ising ferrimagnetism of $\text{Cr-Fe-Cr}$ trimers in $\text{FeCr}_2\text{Te}_4$ . <i>Physical Review B</i> , 2020, 102, .	3.2	8
7	High Fermi velocities and small cyclotron masses in $\text{LaAlGe}$ . <i>Applied Physics Letters</i> , 2020, 117, .	3.3	8
8	Polaronic Conductivity in $\text{Cr}_2\text{Ge}_2\text{Te}_6$ Single Crystals. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	7
9	Three-dimensional Fermi surface and small effective masses in $\text{Mo}_8\text{Ga}_4\text{1}$ . <i>Applied Physics Letters</i> , 2020, 116, 202601.	3.3	6
10	Tunable band gap of layered semiconductor $\text{Zn}_3\text{In}_2\text{S}_6$ under pressure. <i>Journal of Materials Chemistry C</i> , 0, , .	5.5	6
11	Electrical and thermal transport in van der Waals magnets $2\text{H-MxTaS}_2$ ( $M=\text{Mn}, \text{Co}$ ). <i>Physical Review Research</i> , 2022, 4, .	3.6	5
12	Anisotropic magnetocaloric effect and critical behavior in $\text{CrSbSe}$ . <i>Physical Review B</i> , 2020, 102, .	3.2	4
13	Cascade of Spin-State Transitions in the Intermetallic Marcasite $\text{FeP}_2$ . <i>Chemistry of Materials</i> , 2022, 34, 2025-2033.	6.7	3