

Hanlin Wu

List of Publications by Year in descending order

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462
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#	ARTICLE	IF	CITATIONS
1	Peak thermal conductivity measurements of boron arsenide crystals. Physical Review Materials, 2022, 6, .	2.4	2
2	Effect of isotope disorder on the Raman spectra of cubic boron arsenide. Physical Review Materials, 2021, 5, .	2.4	8
3	Elastic constants of cubic boron phosphide and boron arsenide. Physical Review Materials, 2021, 5, .	2.4	9
4	New Verbeekite-type polymorphic phase and rich phase diagram in the $\text{PdSe}_{1-x}\text{Te}_x$ system. Physical Review B, 2021, 104, .	2.4	16
5	New layered quaternary $\text{BaCu}_6\text{Sn}_2\text{As}_{4-x}$ and $\text{BaCu}_6\text{Sn}_2\text{P}_4-x$ phases: crystal growth and physical properties. Journal of Alloys and Compounds, 2021, 892, 162111.	5.5	0
6	Transport anomalies in the layered compound BaPt_4Se_6 . Npj Quantum Materials, 2021, 6, .	5.2	1
7	Enhanced superconductivity in the Se-substituted 1T- PdTe_2 . Physical Review Materials, 2021, 5, .	2.4	14
8	Ultra-high thermal conductivity in isotope-enriched cubic boron nitride. Science, 2020, 367, 555-559.	12.6	177
9	Novel Polymorphic Phase of BaCu_2As_2 : Impact of Flux for New Phase Formation in Crystal Growth. Crystal Growth and Design, 2020, 20, 5922-5930.	3.0	2
10	Crystal Structure and Electronic Properties of New Compound $\text{Zr}_6.5\text{Pt}_6\text{Se}_{19}$. Inorganic Chemistry, 2020, 59, 8196-8202.	4.0	0
11	Thermal expansion coefficients of high thermal conducting BAs and BP materials. Applied Physics Letters, 2019, 115, .	3.3	13
12	Spacing dependent and cation doping independent superconductivity in intercalated 1T 2D SnSe_2 . 2D Materials, 2019, 6, 045048.	4.4	21
13	Synthesis and Structure of a Nonstoichiometric $\text{Zr}_{3.55}\text{Pt}_4\text{Sb}_4$ Compound. Inorganic Chemistry, 2019, 58, 12017-12024.	4.0	1