

Jiangfan Luo

List of Publications by Year in descending order

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papers

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1937457

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251
citing authors

#	ARTICLE	IF	CITATIONS
1	Weyl Semimetal States Generated Extraordinary Quasi-Linear Magnetoresistance and Nernst Thermoelectric Power Factor in Polycrystalline NbP. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	13
2	Evolution of atomic structure and electronic transport properties in n-type Bi ₂ Te ₃ films via Bi ₂ planar defects. <i>Applied Physics Letters</i> , 2021, 118, 103901.	1.5	4
3	Identifying the Manipulation of Individual Atomic-Scale Defects for Boosting Thermoelectric Performances in Artificially Controlled Bi ₂ Te ₃ Films. <i>ACS Nano</i> , 2021, 15, 5706-5714.	7.3	38
4	Strong Anisotropy and Bipolar Conduction-Dominated Thermoelectric Transport Properties in the Polycrystalline Topological Phase of ZrTe ₅ . <i>Inorganic Chemistry</i> , 2021, 60, 8890-8897.	1.9	4
5	Power generation and thermoelectric cooling enabled by momentum and energy multiband alignments. <i>Science</i> , 2021, 373, 556-561.	6.0	270
6	High band degeneracy and weak chemical bonds leading to enhanced thermoelectric transport properties in 2H-MoTe ₂ . <i>Journal of Solid State Chemistry</i> , 2021, 300, 122227.	1.4	2
7	The electronic-thermal transport properties and the exploration of magneto-thermoelectric properties and the Nernst thermopower of Ag ₂ (1+)Se. <i>Journal of Solid State Chemistry</i> , 2020, 288, 121453.	1.4	11