

Jiaxing Qu

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

160
citations

1163117

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1474206

9
g-index

13
all docs

13
docs citations

13
times ranked

201
citing authors

#	ARTICLE	IF	CITATIONS
1	Computational design of thermoelectric alloys through optimization of transport and dopability. <i>Materials Horizons</i> , 2022, 9, 720-730.	12.2	10
2	Native Defect Engineering in CuInTe_2 . <i>Chemistry of Materials</i> , 2021, 33, 359-369.	6.7	18
3	Defect chemistry and doping of BiCuSeO . <i>Journal of Materials Chemistry A</i> , 2021, 9, 20685-20694.	10.3	23
4	Predicting energy and stability of known and hypothetical crystals using graph neural network. <i>Patterns</i> , 2021, 2, 100361.	5.9	16
5	Doping by design: finding new n-type dopable ABX_4 Zintl phases for thermoelectrics. <i>Journal of Materials Chemistry A</i> , 2020, 8, 25306-25315.	10.3	14
6	New n-Type Zintl Phases for Thermoelectrics: Discovery, Structural Characterization, and Band Engineering of the Compounds A_2CdP_2 (A = Sr, Ba, Eu). <i>Chemistry of Materials</i> , 2020, 32, 10697-10707.	6.7	21
7	Carrier density control in $\text{Cu}_2\text{HgGeTe}_4$ and discovery of Hg_2GeTe_4 phase boundary mapping. <i>Journal of Materials Chemistry A</i> , 2019, 7, 621-631.	10.3	27
8	Interlayer Attraction Force in Concentric Carbon Nanotubes. <i>Journal of Applied Mechanics, Transactions ASME</i> , 2019, 86, .	2.2	4
9	Structure-dependent mechanical properties of extended beta-graphyne. <i>Carbon</i> , 2017, 120, 350-357.	10.3	21
10	Controlling thermoelectric transport via native defects in the diamond-like semiconductors $\text{Cu}_2\text{HgGeTe}_4$ and Hg_2GeTe_4 . <i>Journal of Materials Chemistry A</i> , 0, , .	10.3	4