

Guangzong Xing

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

389
citations

933447

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h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

523
citing authors

#	ARTICLE	IF	CITATIONS
1	Electronic fitness function for screening semiconductors as thermoelectric materials. Physical Review Materials, 2017, 1, .	2.4	98
2	An invertible crystallographic representation for general inverse design of inorganic crystals with targeted properties. Matter, 2022, 5, 314-335.	10.0	59
3	Layered Tl_2O : a model thermoelectric material. Journal of Materials Chemistry C, 2019, 7, 5094-5103.	5.5	46
4	Perspective: <i>n</i> -type oxide thermoelectrics via visual search strategies. APL Materials, 2016, 4, .	5.1	42
5	Thermoelectric properties of p-type cubic and rhombohedral GeTe. Journal of Applied Physics, 2018, 123, .	2.5	40
6	Frustrated Structural Instability in Superconducting Quasi-One-Dimensional K_2CuO_2 Physical Review Letters, 2018, 121, 187002.	7.8	16
7	Copper(I)-Based Flexible Organic-Inorganic Coordination Polymer and Analogues: High-Power Factor Thermoelectrics. ACS Applied Materials & Interfaces, 2020, 12, 53841-53851.	8.0	14
8	Magnetism in Na-filled Fe-based skutterudites. Scientific Reports, 2015, 5, 10782.	3.3	12
9	Structural instability and magnetism of superconducting KCr_2As_2 Physical Review B, 2019, 99, .	11.1	11
10	Thermoelectric properties of layered $NaSbSe_2$. Journal of Physics Condensed Matter, 2018, 30, 225501.	1.8	10
11	Lattice dynamics effects on finite-temperature stability of $R_1\hat{\sim}Fe$ (R = Y, Ce, Nd, Sm, and Dy) alloys from first principles. Journal of Alloys and Compounds, 2021, 874, 159754.	5.5	10
12	Sn_2Se_3 : A conducting crystalline mixed valent phase change memory compound. Journal of Applied Physics, 2017, 121, .	2.5	9
13	Evolutionary search for cobalt-rich compounds in the yttrium-cobalt-boron system. Physical Review Materials, 2021, 5, .	2.4	5
14	Lattice dynamics and its effects on magnetocrystalline anisotropy energy of pristine and hole-doped YCo_5 from first principles. Physical Review B, 2022, 105, .	3.2	4