

Guangzong Xing

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6367312/publications.pdf>

Version: 2024-02-01

14
papers

389
citations

933447

10
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

523
citing authors

#	ARTICLE	IF	CITATIONS
1	An invertible crystallographic representation for general inverse design of inorganic crystals with targeted properties. <i>Matter</i> , 2022, 5, 314-335.	10.0	59
2	Lattice dynamics and its effects on magnetocrystalline anisotropy energy of pristine and hole-doped YCo_5 from first principles. <i>Physical Review B</i> , 2022, 105, .	3.2	4
3	Evolutionary search for cobalt-rich compounds in the yttrium-cobalt-boron system. <i>Physical Review Materials</i> , 2021, 5, .	2.4	5
4	Lattice dynamics effects on finite-temperature stability of R_2Fe (R = Y, Ce, Nd, Sm, and Dy) alloys from first principles. <i>Journal of Alloys and Compounds</i> , 2021, 874, 159754.	5.5	10
5	Copper(I)-Based Flexible Organic-Inorganic Coordination Polymer and Analogues: High-Power Factor Thermoelectrics. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 53841-53851.	8.0	14
6	Structural instability and magnetism of superconducting KCr_2As_2 . <i>Physical Review B</i> , 2019, 99, .	3.2	11
7	Layered Ti_2O : a model thermoelectric material. <i>Journal of Materials Chemistry C</i> , 2019, 7, 5094-5103.	5.5	46
8	Thermoelectric properties of layered NaSbSe_2 . <i>Journal of Physics Condensed Matter</i> , 2018, 30, 225501.	1.8	10
9	Frustrated Structural Instability in Superconducting Quasi-One-Dimensional $\text{K}_2\text{As}_2\text{F}_6$. <i>Physical Review Letters</i> , 2018, 121, 167002.	7.8	16
10	Thermoelectric properties of p-type cubic and rhombohedral GeTe. <i>Journal of Applied Physics</i> , 2018, 123, .	2.5	40
11	Sn_2Se_3 : A conducting crystalline mixed valent phase change memory compound. <i>Journal of Applied Physics</i> , 2017, 121, .	2.5	9
12	Electronic fitness function for screening semiconductors as thermoelectric materials. <i>Physical Review Materials</i> , 2017, 1, .	2.4	98
13	Perspective: <i>n</i> -type oxide thermoelectrics via visual search strategies. <i>APL Materials</i> , 2016, 4, .	5.1	42
14	Magnetism in Na-filled Fe-based skutterudites. <i>Scientific Reports</i> , 2015, 5, 10782.	3.3	12