

Xin Du

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

145
citations

1163065

8
h-index

1281846

11
g-index

12
all docs

12
docs citations

12
times ranked

155
citing authors

#	ARTICLE	IF	CITATIONS
1	Au with sp^3 Hybridization in Li_5AuP_2 . Journal of Physical Chemistry Letters, 2022, 13, 236-242.	4.6	2
2	Pressure-induced Na δ -Au compounds with novel structural units and unique charge transfer. Physical Chemistry Chemical Physics, 2021, 23, 6455-6461.	2.8	8
3	Hard and superconducting cubic boron phase via swarm-intelligence structural prediction driven by a machine-learning potential. Physical Review B, 2021, 103, .	3.2	16
4	IrN_4 and IrN_7 as potential high-energy-density materials. Journal of Chemical Physics, 2021, 154, 054706.	3.0	11
5	Superconducting boron allotropes. Physical Review B, 2020, 101, .	3.2	18
6	Unconventional stable stoichiometry of vanadium peroxide. Physical Chemistry Chemical Physics, 2020, 22, 11460-11466.	2.8	4
7	Exploring the Limits of Transition-Metal Fluorination at High Pressures. Angewandte Chemie - International Edition, 2020, 59, 9155-9162.	13.8	17
8	Exploring the Limits of Transition-Metal Fluorination at High Pressures. Angewandte Chemie, 2020, 132, 9240-9247.	2.0	1
9	Electronic structure and second-order nonlinear optical property of chiral peropyrenes. Journal of Molecular Modeling, 2019, 25, 220.	1.8	1
10	Pressure-induced new chemistry. Chinese Physics B, 2019, 28, 106106.	1.4	13
11	Phase diagrams and electronic properties of B-S and H-B-S systems under high pressure. Physical Review B, 2019, 100, .	3.2	14
12	IrF_8 Molecular Crystal under High Pressure. Journal of the American Chemical Society, 2019, 141, 5409-5414.	13.7	40