

Chuanlong Lin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1061877/publications.pdf>

Version: 2024-02-01

26
papers

575
citations

623188

14
h-index

610482

24
g-index

26
all docs

26
docs citations

26
times ranked

929
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of Two-Dimensional CsPb ₂ X ₅ (X = Br and I) with a Stable Structure and Tunable Bandgap by CsPbX ₃ Phase Separation. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 2555-2562.	2.1	14
2	High-Pressure Nonequilibrium Dynamics on Second-to-Microsecond Time Scales: Application of Time-Resolved X-ray Diffraction and Dynamic Compression in Ice. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 8024-8038.	2.1	5
3	Temperature- and Rate-Dependent Pathways in Formation of Metastable Silicon Phases under Rapid Decompression. <i>Physical Review Letters</i> , 2020, 125, 155702.	2.9	18
4	Temperature-dependent kinetic pathways featuring distinctive thermal-activation mechanisms in structural evolution of ice VII. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 15437-15442.	3.3	9
5	Enhanced Structural Stability of Sb ₂ Se ₃ via Pressure-Induced Alloying and Amorphization. <i>Journal of Physical Chemistry C</i> , 2020, 124, 3421-3428.	1.5	8
6	Experimental evidence of low-density liquid water upon rapid decompression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 2010-2015.	3.3	39
7	Venture into Water's No Man's Land: Structural Transformations of Solid H_2O under Rapid Compression and Decompression	2.9	21
8	A metastable liquid melted from a crystalline solid under decompression. <i>Nature Communications</i> , 2017, 8, 14260.	5.8	26
9	Kinetically Controlled Two-Step Amorphization and Amorphous-Amorphous Transition in Ice. <i>Physical Review Letters</i> , 2017, 119, 135701.	2.9	22
10	Effect of stress on melting of rhombohedral bismuth. <i>Applied Physics Letters</i> , 2017, 110, 161904.	1.5	2
11	Kinetics of the B1-B2 phase transition in KCl under rapid compression. <i>Journal of Applied Physics</i> , 2016, 119, 045902.	1.1	14
12	Online remote control systems for static and dynamic compression and decompression using diamond anvil cells. <i>Review of Scientific Instruments</i> , 2015, 86, 072209.	0.6	64
13	Developments in time-resolved high pressure x-ray diffraction using rapid compression and decompression. <i>Review of Scientific Instruments</i> , 2015, 86, 072208.	0.6	32
14	New developments in micro-X-ray diffraction and X-ray absorption spectroscopy for high-pressure research at 16-BM-D at the Advanced Photon Source. <i>Review of Scientific Instruments</i> , 2015, 86, 072205.	0.6	45
15	Structure determination of the high-pressure phase of CdSe. <i>Journal of Applied Physics</i> , 2014, 115, 223507.	1.1	10
16	Structures of two intermediate phases between the B1 and B2 phases of PbS under high pressure. <i>AIP Advances</i> , 2014, 4, .	0.6	8
17	Pressure-Induced Valence Change and Semiconductor-Metal Transition in PbCrO ₃ . <i>Journal of Physical Chemistry C</i> , 2014, 118, 23274-23278.	1.5	17
18	Phase transitions in PbTe under quasi-hydrostatic pressure up to 50 GPa. <i>High Pressure Research</i> , 2013, 33, 713-719.	0.4	14

#	ARTICLE	IF	CITATIONS
19	Garnet-to-Perovskite Transition in $\text{Gd}_3\text{Sc}_2\text{Ga}_3\text{O}_{12}$ at High Pressure and High Temperature. <i>Inorganic Chemistry</i> , 2013, 52, 431-434.	1.9	10
20	Radial x-ray diffraction of tungsten tetraboride to 86%GPa under nonhydrostatic compression. <i>Journal of Applied Physics</i> , 2013, 113, 033507.	1.1	23
21	High pressure-induced phase transitions in CdS up to 1 Mbar. <i>Journal of Applied Physics</i> , 2013, 113, .	1.1	11
22	High-pressure x-ray diffraction and Raman spectroscopy of phase transitions in Sm_2O_3 . <i>Journal of Applied Physics</i> , 2013, 113, .	1.1	51
23	Phase transformation in hexagonal ErMnO_3 under high pressure. <i>Journal of Applied Physics</i> , 2012, 112, 113512.	1.1	13
24	Pressure-induced structural change in orthorhombic perovskite GdMnO_3 . <i>Journal of Physics Condensed Matter</i> , 2012, 24, 115402.	0.7	24
25	Phase transformation of Ho_2O_3 at high pressure. <i>Journal of Applied Physics</i> , 2011, 110, .	1.1	36
26	Pressure-induced phase transition in cubic Lu_2O_3 . <i>Journal of Applied Physics</i> , 2010, 108, .	1.1	39