

Wolf Christian Pilgrim

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7265160/publications.pdf>

Version: 2024-02-01

19
papers

309
citations

1163117

8
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

135
citing authors

#	ARTICLE	IF	CITATIONS
1	Temperature dependence of collective modes in liquid sodium. <i>Journal of Non-Crystalline Solids</i> , 1999, 250-252, 96-101.	3.1	82
2	Monatomic-Molecular Transition in Expanded Rubidium. <i>Physical Review Letters</i> , 1997, 78, 3685-3688.	7.8	49
3	High-pressure vessel for elastic and inelastic x-ray diffraction experiments for liquids over a wide temperature range. <i>Review of Scientific Instruments</i> , 2001, 72, 1721.	1.3	48
4	Propagating particle density fluctuations in molten NaCl. <i>Physical Review B</i> , 2004, 69, .	3.2	33
5	Evidences for optic modes in molten NaI. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2005, 238, 98-101.	1.4	26
6	Fluid metals in the liquid-vapour critical region. <i>Contributions To Plasma Physics</i> , 2003, 43, 306-310.	1.1	9
7	Acoustic Phonons in Molten NaI. <i>Electrochemistry</i> , 2009, 77, 608-610.	1.4	9
8	Structure Determination of a New Molecular White-Light Source. <i>Physica Status Solidi (B): Basic Research</i> , 2018, 255, 1800083.	1.5	9
9	Generating large starting configurations for molecular Reverse Monte Carlo modelling of an unique non-linear optical amorphous solid. <i>Journal of Physics Communications</i> , 2020, 4, 035004.	1.2	9
10	Simulations of liquid rubidium near the critical density. <i>Physical Review B</i> , 2006, 74, .	3.2	8
11	New perspectives onto the metal-to-non-metal transition in expanded liquid metals. <i>Europhysics Letters</i> , 2018, 122, 36005.	2.0	7
12	Collective particle dynamics of molten NaCl by inelastic x-ray scattering. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 375103.	1.8	5
13	White-light generating molecular materials: correlation between the amorphous/crystalline structure and nonlinear optical properties. <i>ChemPhotoChem</i> , 0, , .	3.0	3
14	An equation of state for expanded metals. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 024001.	1.8	2
15	Amorphous Molecular Materials for Directed Supercontinuum Generation. <i>ChemPhotoChem</i> , 2021, 5, 1029.	3.0	2
16	Local Structure of amorphous Organotin Sulfide Clusters by low-energy XAFS. <i>Physica Status Solidi (B): Basic Research</i> , 0, , .	1.5	2
17	Structure Determination in a New Class of Amorphous Cluster Compounds with Extreme Nonlinear Optical Properties. <i>Journal of the Physical Society of Japan</i> , 2022, 91, .	1.6	2
18	Origin of crystallization suppression in a new amorphous molecular white-light-generating material. <i>Scripta Materialia</i> , 2022, 219, 114851.	5.2	2

#	ARTICLE	IF	CITATIONS
19	High temperature high pressure neutron scattering experiments on expanded liquid alkali metals. High Pressure Research, 1990, 4, 549-551.	1.2	0