

Wolf Christian Pilgrim

List of Publications by Year in descending order

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19
papers

309
citations

1163117

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h-index

888059

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g-index

20
all docs

20
docs citations

20
times ranked

135
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure Determination in a New Class of Amorphous Cluster Compounds with Extreme Nonlinear Optical Properties. Journal of the Physical Society of Japan, 2022, 91, .	1.6	2
2	Origin of crystallization suppression in a new amorphous molecular white-light-generating material. Scripta Materialia, 2022, 219, 114851.	5.2	2
3	Collective particle dynamics of molten NaCl by inelastic x-ray scattering. Journal of Physics Condensed Matter, 2021, 33, 375103.	1.8	5
4	An equation of state for expanded metals. Journal of Physics Condensed Matter, 2021, 33, 024001.	1.8	2
5	Amorphous Molecular Materials for Directed Supercontinuum Generation. ChemPhotoChem, 2021, 5, 1029.	3.0	2
6	Generating large starting configurations for molecular Reverse Monte Carlo modelling of an unique non-linear optical amorphous solid. Journal of Physics Communications, 2020, 4, 035004.	1.2	9
7	New perspectives onto the metal-to-non-metal transition in expanded liquid metals. Europhysics Letters, 2018, 122, 36005.	2.0	7
8	Structure Determination of a New Molecular White-Light Source. Physica Status Solidi (B): Basic Research, 2018, 255, 1800083.	1.5	9
9	Acoustic Phonons in Molten NaI. Electrochemistry, 2009, 77, 608-610.	1.4	9
10	Simulations of liquid rubidium near the critical density. Physical Review B, 2006, 74, .	3.2	8
11	Evidences for optic modes in molten NaI. Nuclear Instruments & Methods in Physics Research B, 2005, 238, 98-101.	1.4	26
12	Propagating particle density fluctuations in molten NaCl. Physical Review B, 2004, 69, .	3.2	33
13	Fluid metals in the liquid-vapour critical region. Contributions To Plasma Physics, 2003, 43, 306-310.	1.1	9
14	High-pressure vessel for elastic and inelastic x-ray diffraction experiments for liquids over a wide temperature range. Review of Scientific Instruments, 2001, 72, 1721.	1.3	48
15	Temperature dependence of collective modes in liquid sodium. Journal of Non-Crystalline Solids, 1999, 250-252, 96-101.	3.1	82
16	Monatomic-Molecular Transition in Expanded Rubidium. Physical Review Letters, 1997, 78, 3685-3688.	7.8	49
17	High temperature-high pressure neutron scattering experiments on expanded liquid alkali metals. High Pressure Research, 1990, 4, 549-551.	1.2	0
18	Local Structure of amorphous Organotin Sulfide Clusters by low-energy XAFS. Physica Status Solidi (B): Basic Research, 0, , .	1.5	2

#	ARTICLE	IF	CITATIONS
19	White-light generating molecular materials: correlation between the amorphous/crystalline structure and nonlinear optical properties. ChemPhotoChem, 0, , .	3.0	3