

Dean A J Whittaker

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5317712/publications.pdf>

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7
papers

288
citations

1478505

6
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

401
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Pressure Transformation of SiO_2 from a Tetrahedral to an Octahedral Network: A Joint Approach Using Neutron Diffraction and Molecular Dynamics. <i>Physical Review Letters</i> , 2014, 113, 135501.	7.8	112
2	Density-driven structural transformations in B_2O_3 glass. <i>Physical Review B</i> , 2014, 90, .	3.2	47
3	Density-driven structural transformations in network forming glasses: a high-pressure neutron diffraction study of GeO_2 glass up to 17.5 GPa. <i>Journal of Physics Condensed Matter</i> , 2012, 24, 415102.	1.8	45
4	Mechanisms of network collapse in GeO_2 glass: high-pressure neutron diffraction with isotope substitution as arbitrator of competing models. <i>Journal of Physics Condensed Matter</i> , 2012, 24, 502101.	1.8	35
5	Topological Ordering and Viscosity in the Glass-Forming GeSe System: The Search for a Structural or Dynamical Signature of the Intermediate Phase. <i>Frontiers in Materials</i> , 2017, 4, .	2.4	28
6	Structure of semiconducting versus fast-ion conducting glasses in the AgGeSe system. <i>Royal Society Open Science</i> , 2018, 5, 171401.	2.4	10
7	Partial vibrational density of states for amorphous solids from inelastic neutron scattering. <i>Physical Review B</i> , 2018, 98, .	3.2	4