

# Dean A J Whittaker

## List of Publications by Year in descending order

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

Version: 2024-02-01

7  
papers

288  
citations

1478505

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h-index

1588992

8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

401  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure of semiconducting versus fast-ion conducting glasses in the Ag <sup>+</sup> Ge <sup>+</sup> Se system. Royal Society Open Science, 2018, 5, 171401.	2.4	10
2	Partial vibrational density of states for amorphous solids from inelastic neutron scattering. Physical Review B, 2018, 98, .	3.2	4
3	Topological Ordering and Viscosity in the Glass-Forming Ge <sup>+</sup> Se System: The Search for a Structural or Dynamical Signature of the Intermediate Phase. Frontiers in Materials, 2017, 4, .	2.4	28
4	High-Pressure Transformation of $\text{SiO}_2$ from a Tetrahedral to an Octahedral Network: A Joint Approach Using Neutron Diffraction and Molecular Dynamics. Physical Review Letters, 2014, 113, 135501.	7.8	112
5	Density-driven structural transformations in $\text{B}_2\text{O}_3$ glass. Physical Review B, 2014, 90, .	3.2	47
6	Mechanisms of network collapse in $\text{GeO}_2$ glass: high-pressure neutron diffraction with isotope substitution as arbitrator of competing models. Journal of Physics Condensed Matter, 2012, 24, 502101.	1.8	35
7	Density-driven structural transformations in network forming glasses: a high-pressure neutron diffraction study of $\text{GeO}_2$ glass up to 17.5 GPa. Journal of Physics Condensed Matter, 2012, 24, 415102.	1.8	45