

# Uwe Hoppe

## List of Publications by Year in descending order

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26  
papers

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516710

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docs citations

26  
times ranked

631  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure of binary antimony phosphate glasses by diffraction methods. Journal of Non-Crystalline Solids, 2022, 583, 121476.	3.1	2
2	Structural units of binary vanadate glasses by X-ray and neutron diffraction. Journal of Non-Crystalline Solids, 2021, 572, 121120.	3.1	10
3	Structure of silver molybdate glasses by X-ray and neutron diffraction. Journal of Non-Crystalline Solids, 2021, 573, 121143.	3.1	2
4	Structure of tin phosphate glasses by neutron and X-ray diffraction. Journal of Non-Crystalline Solids: X, 2019, 2, 100017.	1.2	1
5	The structure and properties of $x\text{ZnO} \cdot (67-x)\text{SnO} \cdot 3\text{P}_2\text{O}_5$ glasses: (I) optical and thermal properties, Raman and infrared spectroscopies. Journal of Non-Crystalline Solids, 2018, 484, 132-138.	3.1	20
6	The structure and properties of $x\text{ZnO} \cdot (67-x)\text{SnO} \cdot 3\text{P}_2\text{O}_5$ glasses: (II) Diffraction, NMR, and chromatographic studies. Journal of Non-Crystalline Solids, 2018, 492, 68-76.	3.1	12
7	The structure and properties of $x\text{ZnO} \cdot (67-x)\text{SnO} \cdot 3\text{P}_2\text{O}_5$ glasses: (III) Photoelastic behavior. Journal of Non-Crystalline Solids, 2018, 498, 173-176.	3.1	14
8	Femtosecond laser-induced transformations in ultra-low expansion glass: Microstructure and local density variations by vibrational spectroscopy. Journal of Applied Physics, 2018, 123, .	2.5	21
9	Lone-pair distribution and plumbite network formation in high lead silicate glass, $80\text{PbO} \cdot 20\text{SiO}_2$ . Physical Chemistry Chemical Physics, 2013, 15, 8506.	2.8	31
10	Structure of $\text{Nb}_2\text{O}_5 \cdot \text{NaPO}_3$ glasses by X-ray and neutron diffraction. Physical Chemistry Chemical Physics, 2013, 15, 8520-8528.	2.8	24
11	Structure of Zinc Phosphate Glasses of 75 and 80 mole% ZnO Content Studied by X-Ray Diffraction and Reverse Monte Carlo Simulations. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2005, 60, 517-526.	1.5	10
12	Structure of zinc phosphate glasses probed by neutron and X-ray diffraction of high resolving power and by reverse Monte Carlo simulations. Journal of Non-Crystalline Solids, 2005, 351, 1020-1031.	3.1	33
13	Structure of tellurite glasses—effects of $\text{K}_2\text{O}$ or $\text{P}_2\text{O}_5$ additions studied by diffraction. Journal of Physics Condensed Matter, 2005, 17, 2365-2386.	1.8	29
14	The structure of zinc polyphosphate glass studied by diffraction methods and $^{31}\text{P}$ NMR. Journal of Non-Crystalline Solids, 2004, 333, 252-262.	3.1	70
15	Environments of lead cations in oxide glasses probed by X-ray diffraction. Journal of Non-Crystalline Solids, 2003, 328, 146-156.	3.1	41
16	The Structure of Gallium Phosphate Glasses by High-energy X-ray Diffraction. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2002, 57, 709-715.	1.5	17
17	METAL-OXYGEN COORDINATION NUMBERS IN BINARY POLYPHOSPHATE GLASSES-A DIFFRACTION STUDY. Phosphorus Research Bulletin, 2002, 13, 131-136.	0.6	0
18	Variation in P-O Bonding in Phosphate Glasses -A Neutron Diffraction Study. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2000, 55, 369-380.	1.5	37

#	ARTICLE	IF	CITATIONS
19	Structural specifics of phosphate glasses probed by diffraction methods: a review. Journal of Non-Crystalline Solids, 2000, 263-264, 29-47.	3.1	146
20	An X-ray Diffraction Study of the Structure of Vitreous P <sub>2</sub> O <sub>5</sub> . Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 1998, 53, 93-104.	1.5	31
21	Neutron and X-ray Diffraction Study on the Structure of Ultraphosphate Glasses. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 1997, 52, 259-269.	1.5	29
22	A structural model for phosphate glasses. Journal of Non-Crystalline Solids, 1996, 195, 138-147.	3.1	275
23	Short-Range Order in KPO <sub>3</sub> Glass Studied by Neutron and X-Ray Diffraction. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 1996, 51, 179-186.	1.5	28
24	On the intermediate range structure in phosphate glasses. Zeitschrift Fur Elektrotechnik Und Elektrochemie, 1996, 100, 1631-1634.	0.9	12
25	Short-Range Order Details of Metaphosphate Glasses Studied by Pulsed Neutron Scattering. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 1995, 50, 684-692.	1.5	14
26	The oxygen coordination of metal ions in phosphate and silicate glasses studied by a combination of x-ray and neutron diffraction. Physica Scripta, 1995, T57, 122-126.	2.5	72