

Xin Wang

List of Publications by Year in descending order

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papers

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1163117

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201
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Li ₂ O substitution on structures and properties of Nd ³⁺ -doped Al(PO ₃) ₃ Li ₂ O glasses. International Journal of Applied Glass Science, 2020, 11, 66-77.	2.0	2
2	Visible emission and energy transfer in Tb ³⁺ /Dy ³⁺ co-doped phosphate glasses. Journal of the American Ceramic Society, 2020, 103, 6847-6859.	3.8	19
3	Investigation of luminescence mechanism of Nd ³⁺ -doped calcium aluminate glasses: Effect of glass-formers. Journal of Non-Crystalline Solids, 2019, 505, 333-339.	3.1	10
4	EPR study of luminescence mechanism of Nd ³⁺ -doped borate aluminate glass. Ceramics International, 2019, 45, 6566-6569.	4.8	8
5	Water corrosion of commercial neodymium-doped phosphate high-peak-power laser glass. Journal of Non-Crystalline Solids, 2018, 496, 34-41.	3.1	3
6	Relationship investigation of structure and properties of Nd ³⁺ : Ga ₂ O ₃ -Al ₂ O ₃ -PbO-CaO via Raman, infrared, NMR and EPR spectroscopy. Journal of Non-Crystalline Solids, 2018, 499, 201-207.	3.1	12
7	Research and development of neodymium phosphate laser glass for high power laser application. Optical Materials, 2017, 63, 213-220.	3.6	50
8	Effect of B ₂ O ₃ content on structure and spectroscopic properties of neodymium-doped calcium aluminate glasses. Optical Materials, 2017, 66, 287-292.	3.6	24
9	Effects of CaO/Al ₂ O ₃ ratio on structure and spectroscopic properties of Nd ³⁺ -doped CaO-Al ₂ O ₃ -BaO aluminate glass. Journal of Non-Crystalline Solids, 2017, 468, 34-40.	3.1	12
10	Effects of SiO ₂ on properties and structures of neodymium doped P ₂ O ₅ -Al ₂ O ₃ -Li ₂ O-MgO-Sb ₂ O ₃ glasses. Journal of Alloys and Compounds, 2017, 729, 1038-1045.	5.5	16