Xin Wang

List of Publications by Year
in descending order

10	156	1163117 8	1372567 10
papers	citations	h-index	g-index

10	10	10	201
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Research and development of neodymium phosphate laser glass for high power laser application. Optical Materials, 2017, 63, 213-220.	3.6	50
2	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
3	Visible emission and energy transfer in Tb³⁺/Dy³⁺ coâ€doped phosphate glasses. Journal of the American Ceramic Society, 2020, 103, 6847-6859.	3.8	19
4	Effects of SiO2 on properties and structures of neodymium doped P2O5-Al2O3-Li2O-MgO-Sb2O3 glasses. Journal of Alloys and Compounds, 2017, 729, 1038-1045.	5.5	16
5	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
6	Relationship investigation of structure and properties of Nd3+: Ga2O3-Al2O3-PbO-CaO via Raman, infrared, NMR and EPR spectroscopy. Journal of Non-Crystalline Solids, 2018, 499, 201-207.	3.1	12
7	Investigation of luminescence mechanism of Nd3+-doped calcium aluminate glasses: Effect of glass-formers. Journal of Non-Crystalline Solids, 2019, 505, 333-339.	3.1	10
8	EPR study of luminescence mechanism of Nd3+-doped borate aluminate glass. Ceramics International, 2019, 45, 6566-6569.	4.8	8
9	Water corrosion of commercial neodymium-doped phosphate high-peak-power laser glass. Journal of Non-Crystalline Solids, 2018, 496, 34-41.	3.1	3
10	Effect of Li₂O substitution on structures and properties of Nd³⁺â€doped Al(PO₃)₃â€Li₂O glasses. International Journal of Applied Glass Science, 2020, 11, 66-77.	2.0	2