AluÃ-sio A Cabral

List of Publications by Year
in descending order

16	295	1040056 9	940533 16
papers	citations	h-index	g-index

16	16	16	277
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Critical assessment of DTAâ€“DSC methods for the study of nucleation kinetics in glasses. Journal of Non-Crystalline Solids, 2010, 356, 358-367.	3.1	73
2	Nucleation time-lag from nucleation and growth experiments in deeply undercooled glass-forming liquids. Journal of Non-Crystalline Solids, 2008, 354, 3785-3792.	3.1	31
3	Isothermal and non-isothermal crystallization of a fresnoite glass. Journal of Non-Crystalline Solids, 2013, 362, 114-119.	3.1	31
4	Sintering and crystallization of SrO-CaO-B2O3-SiO2 glass-ceramics with different TiO2 contents. Journal of Non-Crystalline Solids, 2017, 473, 33-40.	3.1	29
5	Effect of Simultaneous Nucleation and Crystal Growth on <scp>DSC</scp> Crystallization Peaks of Glasses. Journal of the American Ceramic Society, 2012, 95, 2885-2890.	3.8	17
6	Influence of the heating rates on the correlation between glass-forming ability (GFA) and glass stability (GS) parameters. Journal of Non-Crystalline Solids, 2014, 390, 70-76.	3.1	17
7	On the Determination of Nucleation Rates in Glasses by Nonisothermal Methods. Journal of the American Ceramic Society, 2010, 93, 2438-2440.	3.8	15
8	Influence of Particle Size on Nonisothermal Crystallization in a Lithium Disilicate Glass. Journal of the American Ceramic Society, 2015, 98, 774-780.	3.8	14
9	Structure, Glass Stability and Crystallization Activation Energy of SrO-CaO-B2O3-SiO2 glasses doped with TiO2. Journal of Non-Crystalline Solids, 2021, 554, 120605.	3.1	12
10	Particleboard manufactured from Tauari (Couratari oblongifolia) wood waste using castor oil based polyurethane resin. Materials Research, 2014, 17, 657-663.	1.3	10
11	Residual glass and crystalline phases in a barium disilicate glassâ€“ceramic. Materials Characterization, 2015, 110, 192-196.	4.4	10
12	Determining the Crystal Volume Fraction of <scp>BS</scp>₂ Glass by Differential Scanning Calorimetry and Optical Microscopy. Journal of the American Ceramic Society, 2013, 96, 130-136.	3.8	9
13	Determining the Kinetic Parameters for Isothermal Crystallization in a Lithium Disilicate (Ls₂) Glass by <scp>OM</scp> and <scp>DSC</scp>. Journal of the American Ceramic Society, 2014, 97, 157-162.	3.8	8
14	Discoveries about the structure of alkaline earth-bearing borosilicate glasses doped with TiO2 revealed by Raman spectroscopy. Journal of Non-Crystalline Solids, 2022, 578, 121349.	3.1	8
15	On the Determination of the Concentration of Crystal Nuclei in Glasses by <scp>DSC</scp>. Journal of the American Ceramic Society, 2013, 96, 2817-2823.	3.8	6
16	Model-free and model-fitting analysis applied to the non-isothermal crystallization kinetics of a SrO-CaO-B2O3-TiO2-SiO2 glass sealant for SOFCs. Journal of Non-Crystalline Solids, 2021, 572, 121113.	3.1	5