

Aluã-sio A Cabral

List of Publications by Year in descending order

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16
papers

295
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1040056

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277
citing authors

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