

Eduardo Bellini Ferreira

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

685
citations

759233

12
h-index

713466

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23
all docs

23
docs citations

23
times ranked

787
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of the Pozzolan Activity of Glass Powder in Three Maximum Grain Sizes. <i>Materials Research</i> , 2021, 24, .	1.3	13
2	Surface properties of a new lithium disilicate glass-ceramic after grinding. <i>Journal of Materials Science: Materials in Medicine</i> , 2021, 32, 110.	3.6	1
3	Off-stoichiometry effects on crystal nucleation and growth kinetics in soda-lime-silicate glasses. The combeite ($\text{Na}_2\text{O}\cdot 2\text{CaO}\cdot 3\text{SiO}_2$) \leftrightarrow devitrite ($\text{Na}_2\text{O}\cdot 3\text{CaO}\cdot 6\text{SiO}_2$) joint. <i>Acta Materialia</i> , 2020, 196, 191-199.	7.9	18
4	Sintering and rounding kinetics of irregular glass particles. <i>Journal of the American Ceramic Society</i> , 2019, 102, 845-854.	3.8	12
5	Effect of non-stoichiometry on the crystal nucleation and growth in oxide glasses. <i>Acta Materialia</i> , 2019, 180, 317-328.	7.9	15
6	Simulation and experimental study of the particle size distribution and pore effect on the crystallization of glass powders. <i>Acta Materialia</i> , 2019, 175, 130-139.	7.9	17
7	Curvature dependence of the surface tension and crystal nucleation in liquids. <i>International Journal of Applied Glass Science</i> , 2019, 10, 57-68.	2.0	21
8	The shape of diopside glass particles probed by the non-isothermal crystallization kinetics and Differential Scanning Calorimetry. <i>Journal of Non-Crystalline Solids</i> , 2018, 497, 63-70.	3.1	3
9	Cathode-Ray Tube panel glass replaces frit in transparent glazes for ceramic tiles. <i>Ceramics International</i> , 2018, 44, 13790-13796.	4.8	15
10	Characterization of a Diamond Ground Y-TZP and Reversion of the Tetragonal to Monoclinic Transformation. <i>Operative Dentistry</i> , 2017, 42, 407-417.	1.2	11
11	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
12	Critical Analysis of Glass Stability Parameters and Application to Lithium Borate Glasses. <i>Journal of the American Ceramic Society</i> , 2011, 94, 3833-3841.	3.8	26
13	Mechanical and tribological properties of a sintered glass-ceramic compared to granite and porcelainized stoneware. <i>Wear</i> , 2011, 271, 875-880.	3.1	11
14	DSC Method for Determining the <i>Liquidus</i> Temperature of Glass-Forming Systems. <i>Journal of the American Ceramic Society</i> , 2010, 93, 3757-3763.	3.8	64
15	Effect of high pressure in the $\text{Li}_2\text{O}\cdot 2\text{SiO}_2$ crystallization. <i>Journal of Non-Crystalline Solids</i> , 2010, 356, 3004-3008.	3.1	18
16	Analytical Model for Heterogeneous Crystallization Kinetics of Spherical Glass Particles. <i>Journal of the American Ceramic Society</i> , 2009, 92, 2616-2618.	3.8	9
17	Controlled crystallization and ionic conductivity of a nanostructured LiAlGePO_4 glass-ceramic. <i>Journal of Non-Crystalline Solids</i> , 2009, 355, 2295-2301.	3.1	86
18	Surface and bulk residual stresses in $\text{Li}_2\text{O}\cdot 2\text{SiO}_2$ glass-ceramics. <i>Journal of Non-Crystalline Solids</i> , 2007, 353, 2307-2317.	3.1	42

#	ARTICLE	IF	CITATIONS
19	Can glass stability parameters infer glass forming ability?. Journal of Non-Crystalline Solids, 2005, 351, 3296-3308.	3.1	227
20	Kinetics and mechanisms of crystal growth and diffusion in a glass-forming liquid. Journal of Chemical Physics, 2004, 121, 8924-8928.	3.0	59
21	Nano vitrocera mica de escoria de aciaria. Quimica Nova, 2002, 25, 731-735.	0.3	6
22	Structure and mechanical properties of pyrope (Mg ₃ Al ₂ Si ₃ O ₁₂) glass: Effect of high pressure. International Journal of Applied Glass Science, 0, , .	2.0	3
23	Digital roadmapping in the pandemic: lessons from collaboration in the glass industry. Technology Analysis and Strategic Management, 0, , 1-15.	3.5	2