

Eduardo Bellini Ferreira

List of Publications by Year in descending order

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23
papers

685
citations

759233

12
h-index

713466

21
g-index

23
all docs

23
docs citations

23
times ranked

787
citing authors

#	ARTICLE	IF	CITATIONS
1	Can glass stability parameters infer glass forming ability?. Journal of Non-Crystalline Solids, 2005, 351, 3296-3308.	3.1	227
2	Controlled crystallization and ionic conductivity of a nanostructured LiAlGePO ₄ glass-ceramic. Journal of Non-Crystalline Solids, 2009, 355, 2295-2301.	3.1	86
3	DSC Method for Determining the <i>Liquidus</i> Temperature of Glass-Forming Systems. Journal of the American Ceramic Society, 2010, 93, 3757-3763.	3.8	64
4	Kinetics and mechanisms of crystal growth and diffusion in a glass-forming liquid. Journal of Chemical Physics, 2004, 121, 8924-8928.	3.0	59
5	Surface and bulk residual stresses in Li ₂ O-2SiO ₂ glass-ceramics. Journal of Non-Crystalline Solids, 2007, 353, 2307-2317.	3.1	42
6	Critical Analysis of Glass Stability Parameters and Application to Lithium Borate Glasses. Journal of the American Ceramic Society, 2011, 94, 3833-3841.	3.8	26
7	Curvature dependence of the surface tension and crystal nucleation in liquids. International Journal of Applied Glass Science, 2019, 10, 57-68.	2.0	21
8	Effect of high pressure in the Li ₂ O-2SiO ₂ crystallization. Journal of Non-Crystalline Solids, 2010, 356, 3004-3008.	3.1	18
9	Off-stoichiometry effects on crystal nucleation and growth kinetics in soda-lime-silicate glasses. The combeite (Na ₂ O-2CaO-3SiO ₂) - devitrite (Na ₂ O-3CaO-6SiO ₂) joint. Acta Materialia, 2020, 196, 191-199.	7.9	18
10	Simulation and experimental study of the particle size distribution and pore effect on the crystallization of glass powders. Acta Materialia, 2019, 175, 130-139.	7.9	17
11	Cathode-Ray Tube panel glass replaces frit in transparent glazes for ceramic tiles. Ceramics International, 2018, 44, 13790-13796.	4.8	15
12	Effect of non-stoichiometry on the crystal nucleation and growth in oxide glasses. Acta Materialia, 2019, 180, 317-328.	7.9	15
13	Evaluation of the Pozzolanic Activity of Glass Powder in Three Maximum Grain Sizes. Materials Research, 2021, 24, .	1.3	13
14	Sintering and rounding kinetics of irregular glass particles. Journal of the American Ceramic Society, 2019, 102, 845-854.	3.8	12
15	Mechanical and tribological properties of a sintered glass-ceramic compared to granite and porcelainized stoneware. Wear, 2011, 271, 875-880.	3.1	11
16	Characterization of a Diamond Ground Y-TZP and Reversion of the Tetragonal to Monoclinic Transformation. Operative Dentistry, 2017, 42, 407-417.	1.2	11
17	Analytical Model for Heterogeneous Crystallization Kinetics of Spherical Glass Particles. Journal of the American Ceramic Society, 2009, 92, 2616-2618.	3.8	9
18	On the Determination of the Concentration of Crystal Nuclei in Glasses by <i>DSC</i> . Journal of the American Ceramic Society, 2013, 96, 2817-2823.	3.8	6

#	ARTICLE	IF	CITATIONS
19	Nano vitrocera cerâmica de escória de aciaria. Quimica Nova, 2002, 25, 731-735.	0.3	6
20	The shape of diopside glass particles probed by the non-isothermal crystallization kinetics and Differential Scanning Calorimetry. Journal of Non-Crystalline Solids, 2018, 497, 63-70.	3.1	3
21	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
22	Digital roadmapping in the pandemic: lessons from collaboration in the glass industry. Technology Analysis and Strategic Management, 0, , 1-15.	3.5	2
23	Surface properties of a new lithium disilicate glass-ceramic after grinding. Journal of Materials Science: Materials in Medicine, 2021, 32, 110.	3.6	1