

Saulo Roca Bragança

List of Publications by Year in descending order

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papers

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	An evaluation of the increased expansion of clay aggregates fired at 1300 Å°C to maximize lightness for non-structural concrete. Boletín De La Sociedad Española De Cerámica Y Vidrio, 2023, 62, 56-65.	1.9	4
2	Correlation of synthesis parameters to the structural and magnetic properties of spinel cobalt ferrites (CoFe ₂ O ₄) – an experimental and statistical study. Journal of Magnetism and Magnetic Materials, 2022, 550, 169128.	2.3	9
3	Rheological behavior of fresh latex polymeric mortar by squeeze-flow technique. Construction and Building Materials, 2021, 267, 121175.	7.2	4
4	Evaluation of oxidation resistance of MgO bricks in oxy-combustion and air-combustion. International Journal of Applied Ceramic Technology, 2021, 18, 1392-1403.	2.1	1
5	Sintering-dependent mechanical and magnetic properties of spinel cobalt ferrite (CoFe ₂ O ₄) ceramics prepared via sol-gel synthesis. Ceramics International, 2020, 46, 2465-2472.	4.8	37
6	Sucrose as a sol-gel synthesis additive for tuning spinel inversion and improving the magnetic properties of CoFe ₂ O ₄ nanoparticles. Ceramics International, 2020, 46, 12759-12766.	4.8	22
7	Maximization of the use of casting sand residue in the production of fired ceramic bricks. REM: International Engineering Journal, 2020, 73, 337-343.	0.4	0
8	A review of waste glass as a raw material for whitewares. Journal of Environmental Management, 2019, 244, 161-171.	7.8	21
9	Uma revisão sobre a terminologia e classificação das cerâmicas brancas. Cerâmica, 2019, 65, 485-497.	0.8	0
10	Extraction and characterization of humic acid from coal for the application as dispersant of ceramic powders. Journal of Materials Research and Technology, 2018, 7, 254-260.	5.8	52
11	Placas de refratários aluminosos do sistema de válvula gaveta de panelas de aciaria: análise post mortem da degradação química. Cerâmica, 2018, 64, 41-48.	0.8	1
12	Humic Acid as Dispersant of an Alumina Suspension and its Rheological Behaviour. Materials Research, 2018, 21, .	1.3	5
13	Synthesis of carbon nanostructures by the pyrolysis of wood sawdust in a tubular reactor. Journal of Materials Research and Technology, 2017, 6, 171-177.	5.8	51
14	Influence of ladle slag composition in the dissolution process of the dicalcium silicate (C ₂ S) layer on doloma-C refractories. Ceramics International, 2017, 43, 15360-15369.	4.8	3
15	Corrosion of refractory alumina plates used in the sliding gate system of steelmaking ladle: Chemical experiment. Ceramics International, 2017, 43, 3298-3305.	4.8	9
16	EVALUATION OF LIMESTONE IMPURITIES IN THE DESULFURIZATION PROCESS OF COAL COMBUSTION GAS. Brazilian Journal of Chemical Engineering, 2017, 34, 263-272.	1.3	1
17	Free Opening Performance of Steel Ladle as a Function of Filler Sand Properties. Materials Research, 2016, 19, 408-412.	1.3	8
18	Evaluation of the protective C ₂ S layer in the corrosion process of doloma-C refractories. Ceramics International, 2015, 41, 4775-4781.	4.8	8

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19	Preparation of Ba _{0.5} Sr _{0.5} Co _{0.8} Fe _{0.2} O ₃ (BSCF) feedstocks with different thermoplastic binders and their use in the production of thin tubular membranes by extrusion. <i>Ceramics International</i> , 2014, 40, 7531-7538.	4.8	7
20	Method for the characterization of electrophoretic properties of clay slips. <i>Applied Clay Science</i> , 2013, 86, 11-17.	5.2	3
21	Thermogravimetric analysis of limestones with different contents of MgO and microstructural characterization in oxy-combustion. <i>Thermochimica Acta</i> , 2013, 561, 19-25.	2.7	21
22	Bone china formulated with waste glass. <i>Advances in Applied Ceramics</i> , 2013, 112, 169-175.	1.1	15
23	Characterization method through the electrophoretic behaviour of clays in an aqueous medium. <i>Clay Minerals</i> , 2013, 48, 491-497.	0.6	0
24	Investigation of spodumene-bearing rock as a flux for bone china production. <i>Materials Research</i> , 2013, 16, 1398-1404.	1.3	8
25	Waste catalyst as raw material in alumina-silica refractories. <i>Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications</i> , 2012, 226, 286-292.	1.1	0
26	Spodumene-bearing rock as flux for triaxial ceramic bodies. <i>Advances in Applied Ceramics</i> , 2011, 110, 293-300.	1.1	6
27	FBC desulfurization process using coal with low sulfur content, high oxidizing conditions and metamorphic limestones. <i>Brazilian Journal of Chemical Engineering</i> , 2009, 26, 375-383.	1.3	13
28	Coal Ash Transportation as Paste-Like, Highly Loaded Pulps in Brazil: Characterization and Main Features. <i>International Journal of Coal Preparation and Utilization</i> , 2009, 29, 203-215.	2.1	6
29	Porcelain Casting Slips Formulated with Waste Glass. <i>International Journal of Applied Ceramic Technology</i> , 2009, 6, 264-269.	2.1	6
30	Use of mineral coal ashes in insulating refractory brick. <i>Refractories and Industrial Ceramics</i> , 2008, 49, 320-323.	0.6	9
31	Heat Transfer in Steelmaking Ladle. <i>Journal of Iron and Steel Research International</i> , 2008, 15, 11-14.	2.8	28
32	Avaliação de revestimentos para proteção contra a descarbonização de tijolos refratários MgO-C durante o aquecimento de placas de aciaria. <i>Revista Materia</i> , 2008, 13, 488-494.	0.2	0
33	Identificação e avaliação dos mecanismos de ataque da escória SiO ₂ -CaO-Al ₂ O ₃ -MgO em tijolos refratários de MgO-C. <i>Revista Materia</i> , 2008, 13, 56-64.	0.2	0
34	Hydrogen Potential Sources in Refractory Materials during Steel Casting. <i>Steel Research International</i> , 2006, 77, 400-403.	1.8	4
35	Effect of quartz particle size on the strength of triaxial porcelain. <i>Journal of the European Ceramic Society</i> , 2006, 26, 3761-3768.	5.7	51
36	Hardness and Toughness of Aluminum Porcelains Measured by the Indentation Test. <i>Materials Science Forum</i> , 2006, 530-531, 562-567.	0.3	0

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37	Effect of Quartz of Fine Particle Size on Porcelain Properties. Materials Science Forum, 2006, 530-531, 493-498.	0.3	2
38	Influence of the Type of Dispersant on the Properties of Casting Slips of Porcelains with Soda-Lime Glass. Materials Science Forum, 2006, 530-531, 449-455.	0.3	0
39	Recycling of iron foundry sand and glass waste as raw material for production of whiteware. Waste Management and Research, 2006, 24, 60-66.	3.9	33
40	Waste glass in porcelain. Materials Research, 2005, 8, 39-44.	1.3	24
41	Optimizing Coal Feed in a Brazilian Thermal Power Plant: A Case Study. Coal Preparation, 2004, 24, 69-83.	0.5	3
42	Traditional and glass powder porcelain: Technical and microstructure analysis. Journal of the European Ceramic Society, 2004, 24, 2383-2388.	5.7	55
43	A view of whitewares mechanical strength and microstructure. Ceramics International, 2003, 29, 801-806.	4.8	62
44	Desulfurization kinetics of coal combustion gases. Brazilian Journal of Chemical Engineering, 2003, 20, 161-169.	1.3	9
45	The behavior of heavy metals in the process of desulfurization of Brazilian coal combustion gases by the addition of limestone. Brazilian Journal of Chemical Engineering, 2001, 18, 139-147.	1.3	5
46	Wollastonite as a Flux for Ceramics Bodies. Materials Science Forum, 0, 727-728, 1016-1021.	0.3	6