

Ivone Regina de Oliveira

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

826
citations

516710

16
h-index

501196

28
g-index

48
all docs

48
docs citations

48
times ranked

698
citing authors

#	ARTICLE	IF	CITATIONS
1	Temperature and common-ion effect on magnesium oxide (MgO) hydration. <i>Ceramics International</i> , 2010, 36, 1047-1054.	4.8	130
2	Mechanism of pore generation in calcium hexaluminate (CA6) ceramics formed in situ from calcined alumina and calcium carbonate aggregates. <i>Journal of the European Ceramic Society</i> , 2016, 36, 4225-4235.	5.7	71
3	Chemical, physical and mechanical properties of a novel calcium aluminate endodontic cement. <i>International Endodontic Journal</i> , 2010, 43, 1069-1076.	5.0	68
4	Chelants to inhibit magnesia (MgO) hydration. <i>Ceramics International</i> , 2011, 37, 1537-1542.	4.8	66
5	Calcium aluminate cement-based compositions for biomaterial applications. <i>Ceramics International</i> , 2016, 42, 11732-11738.	4.8	44
6	Bioactivity of Calcium Aluminate Endodontic Cement. <i>Journal of Endodontics</i> , 2013, 39, 774-778.	3.1	42
7	Reaction of aluminum powder with water in cement-containing refractory castables. <i>Journal of the European Ceramic Society</i> , 2005, 25, 3135-3143.	5.7	41
8	Effects of a novel calcium aluminate cement on the early events of the progression of osteogenic cell cultures. <i>Brazilian Dental Journal</i> , 2011, 22, 99-104.	1.1	33
9	Effects of the initial CaO-Al ₂ O ₃ ratio on the microstructure development and mechanical properties of porous calcium hexaluminate. <i>Ceramics International</i> , 2018, 44, 2626-2631.	4.8	33
10	Hydroxyapatite synthesis and the benefits of its blend with calcium aluminate cement. <i>Ceramics International</i> , 2016, 42, 2542-2549.	4.8	30
11	Processo de hidratação e os mecanismos de atuação dos aditivos aceleradores e retardadores de pega do cimento de aluminato de cálcio. <i>Ceramica</i> , 2007, 53, 42-56.	0.8	29
12	Castable matrix, additives and their role on hydraulic binder hydration. <i>Ceramics International</i> , 2009, 35, 1453-1460.	4.8	29
13	Hydration of CAC cement in a castable refractory matrix containing processing additives. <i>Ceramics International</i> , 2009, 35, 1545-1552.	4.8	28
14	Influence of early mineral deposits of silicate- and aluminate-based cements on push-out bond strength to root dentine. <i>International Endodontic Journal</i> , 2018, 51, 92-101.	5.0	21
15	Osteogenic cell response to calcium aluminate-based cement. <i>International Endodontic Journal</i> , 2017, 50, 771-779.	5.0	19
16	Characterization of Calcium Aluminate Cement Phases when in Contact with Simulated Body Fluid. <i>Materials Research</i> , 2015, 18, 382-389.	1.3	17
17	Does a tiny amount of dispersant make any change to refractory castable properties?. <i>Ceramics International</i> , 2010, 36, 79-85.	4.8	15
18	Production of porous ceramic material using different sources of alumina and calcia. <i>Revista Materia</i> , 2015, 20, 739-746.	0.2	14

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19	Calcium chloride-enriched calcium aluminate cement promotes <i>in vitro</i> osteogenesis. International Endodontic Journal, 2018, 51, 674-683.	5.0	9
20	Surface properties of calcium aluminate cement blends for bone repair applications. Ceramics International, 2020, 46, 14241-14251.	4.8	8
21	Porosity analysis of endodontic cements after phosphate buffer solution storage. Dental Materials, 2018, 34, e1-e2.	3.5	6
22	Properties of strontium-containing BG 58S produced by alkali-mediated sol-gel process. Ceramics International, 2022, 48, 11456-11465.	4.8	6
23	Cinética de hidratação de ligantes à base de alumina hidratável ou aluminato de cálcio. Ceramica, 2007, 53, 20-28.	0.8	5
24	Improving the Radiopacity of Calcium Aluminate Cement Based Blends. Materials Research, 2018, 21, .	1.3	5
25	Biological and microbiological behavior of calcium aluminate cement-based blend for filling of bone defects. Journal of Materials Science: Materials in Medicine, 2020, 31, 10.	3.6	5
26	Influence of radiopacifier additives on calcium aluminate cement properties. Materials Research, 2014, 17, 1295-1301.	1.3	5
27	Concretos refratários preparados com alumina hidratável: efeito dos dispersantes. Ceramica, 2009, 55, 33-39.	0.8	4
28	Aluminatos de cálcio e seu potencial para aplicação em endodontia e ortopedia. Ceramica, 2013, 59, 216-224.	0.8	4
29	Chemical and morphological evaluation of enamel and dentin near cavities restored with conventional and zirconia modified glass ionomer subjected to erosion-abrasion. Microscopy Research and Technique, 2019, 82, 1114-1126.	2.2	4
30	Calcium Aluminate Cement Blends Containing Bioactive Glass and Strontium for Biomaterial Applications. Materials Research, 2021, 24, .	1.3	4
31	Otimização da síntese das fases de cimento de aluminato de cálcio para fins biomédicos. Ceramica, 2014, 60, 88-95.	0.8	4
32	The Organochalcogen Compound (MeOPhSe) ₂ Inhibits Both Formation and the Viability of the Biofilm Produced by <i>Candida albicans</i> , at Different Stages of Development. Current Pharmaceutical Design, 2019, 24, 3964-3971.	1.9	4
33	Hidratação de ligantes na presença de matriz e aditivos. Ceramica, 2007, 53, 240-248.	0.8	3
34	Reologia de concretos refratários na presença de diferentes tipos de aditivo e ligante hidratável. Ceramica, 2007, 53, 263-269.	0.8	2
35	Aditivos e sua influência no comportamento de secagem e resistência à tração de concretos refratários. Ceramica, 2007, 53, 396-403.	0.8	2
36	Técnicas para avaliação da consolidação de suspensões cerâmicas com o uso de diferentes ligantes. Ceramica, 2007, 53, 133-141.	0.8	2

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37	Scaffolds™ production based on calcium aluminate blends and their biological properties. Research on Biomedical Engineering, 2019, 35, 131-141.	2.2	2
38	Properties of zirconia-containing glass-ionomer cement. Ceramica, 2019, 65, 394-399.	0.8	2
39	Calcium aluminate cement-based blends for application to fill in bone defects. Research on Biomedical Engineering, 2020, 36, 429-438.	2.2	2
40	Compositions of calcium aluminate cement containing gold and silver nanoparticles for biomaterial applications. Research on Biomedical Engineering, 2020, 36, 139-146.	2.2	2
41	Influência de aditivos dispersantes e acelerador na hidratação de cimento e cimento-matriz. Ceramica, 2006, 52, 184-193.	0.8	2
42	Apatite-like forming ability, porosity, and bond strength of calcium aluminate cement with chitosan, zirconium oxide, and hydroxyapatite additives. Microscopy Research and Technique, 2021, 84, 1192-1204.	2.2	2
43	Propriedades e bioatividade de um cimento endodântico à base de aluminato de cálcio. Ceramica, 2011, 57, 364-370.	0.8	1
44	The comparison between label-free and non-cross-linking methods with gold nanoparticles for colorimetric detection of Paracoccidioides brasiliensis. Research on Biomedical Engineering, 2019, 35, 39-44.	2.2	1
45	Otimização da suspensão para obtenção de cerâmicas porosas via "gelcasting". Ceramica, 2006, 52, 172-178.	0.8	0
46	Podem os dispersantes afetar as propriedades dos concretos refratários após a queima?. Ceramica, 2009, 55, 106-112.	0.8	0
47	Impact of calcium aluminate cement with additives on dental pulp-derived cells. Journal of Applied Oral Science, 2020, 28, e20190105.	1.8	0
48	Piezoelectric Calcium Modified Barium Titanate for Bone Regeneration. , 0, , .		0