Leandro Fernandes

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7364617/publications.pdf

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18	258	1040056 9	940533 16
papers	citations	h-index	g-index

18	18	18	217
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Characterization of aluminum hydroxide (Al(OH)3) for use as a porogenic agent in castable ceramics. Journal of the European Ceramic Society, 2015, 35, 803-812.	5.7	64
2	Al2O3â€“Al(OH)3-Based castable porous structures. Journal of the European Ceramic Society, 2015, 35, 1943-1954.	5.7	29
3	Development of densification-resistant castable porous structures from in situ mullite. Ceramics International, 2015, 41, 9443-9454.	4.8	26
4	Designing high-temperature thermal insulators based on densification-resistant in situ porous spinel. Journal of the European Ceramic Society, 2021, 41, 2923-2937.	5.7	23
5	Porous co-continuous mullite structures obtained from sintered aluminum hydroxide and synthetic amorphous silica. Journal of the European Ceramic Society, 2017, 37, 2849-2856.	5.7	21
6	Preparation and Characterization of Mullite-Alumina Structures Formed "In Situ" from Calcined Alumina and Different Grades of Synthetic Amorphous Silica. Materials Research, 2018, 21, .	1.3	21
7	Novel insights into MgO hydroxylation: Effects of testing temperature, samples×3 volume and solid load. Ceramics International, 2014, 40, 14809-14815.	4.8	19
8	Investigation of the systems silica and silica containing chromium in alcohol medium. Journal of Non-Crystalline Solids, 1999, 247, 141-145.	3.1	13
9	MÃ©todo de extraÃ§Ã£o de sÃlica da casca do arroz. Ceramica, 2014, 60, 160-163.	0.8	9
10	Characterization of Synthetic Amorphous Silica (SAS) Used in the Ceramics Industry. InterCeram: International Ceramic Review, 2014, 63, 220-224.	0.2	7
11	Mullite cytotoxicity and cell adhesion studies. Journal of Materials Research and Technology, 2019, 8, 2565-2572.	5.8	7
12	Porous Refractory Ceramics for High-Temperature Thermal Insulation - Part 1: The Science Behind Energy Saving. InterCeram: International Ceramic Review, 2021, 70, 38-45.	0.2	6
13	Designing Colloidal Silica-Bonded Porous Structures of In-situ Mullite for Thermal Insulation. InterCeram: International Ceramic Review, 2020, 69, 54-63.	0.2	3
14	Porogenesis in the Alumina-Brucite-Magnesia-Spinel System. InterCeram: International Ceramic Review, 2020, 69, 46-53.	0.2	3
15	Porous Refractory Ceramics for High-Temperature Thermal Insulation - Part 2: The Technology Behind Energy Saving. InterCeram: International Ceramic Review, 2022, 71, 38-50.	0.2	3
16	Chromium-containing silica materials. Journal of Non-Crystalline Solids, 2000, 273, 36-40.	3.1	2
17	Combined effects of SiO 2 ratio and purity on physical properties and microstructure of in situ aluminaâ€mullite ceramic. International Journal of Applied Ceramic Technology, 2021, 18, 1702-1709.	2.1	2
18	Corrosion characterization of the experimental alloy Ti-35Nb-7Zr-5Ta by electrochemical techniques. Research, Society and Development, 2021, 10, e40610615861.	0.1	0