M Isabel Nieto

List of Publications by Year
in descending order

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22	671	430754	677027
papers	citations	18 h-index	22 g-index

23	23	23	532
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Processing and mechanical properties of mullite and mulliteâ€“alumina composites reinforced with carbon nanofibers. Journal of the European Ceramic Society, 2015, 35, 3613-3621.	2.8	21
2	Shaping of Dense Advanced Ceramics and Coatings by Gelation of Polysaccharides. Advanced Engineering Materials, 2014, 16, 637-654.	1.6	19
3	Aqueous colloidal processing of SiC with Y3Al5O12 liquid-phase sintering additives. Journal of the European Ceramic Society, 2013, 33, 1685-1694.	2.8	22
4	Comparison of freeze drying and spray drying to obtain porous nanostructured granules from nanosized suspensions. Journal of the European Ceramic Society, 2012, 32, 1019-1028.	2.8	38
5	Colloidal Processing and Characterization of Aluminum-Doped Lanthanum Oxyapatite, La10AlSi5O26.5. Journal of the American Ceramic Society, 2011, 94, 117-123.	1.9	12
6	Gelcasting of alumina suspensions containing nanoparticles with glycerol monoacrylate. Journal of the European Ceramic Society, 2009, 29, 875-880.	2.8	25
7	Wet forming of concentrated nano-BaTiO3 suspensions. Journal of the European Ceramic Society, 2009, 29, 881-886.	2.8	14
8	Gel casting of aqueous suspensions of BaTiO3 nanopowders. Ceramics International, 2009, 35, 321-326.	2.3	15
9	Gelcasting Performance of Alumina Aqueous Suspensions with Glycerol Monoacrylate: A New Low-Toxicity Acrylic Monomer. Journal of the American Ceramic Society, 2007, 90, 1386-1393.	1.9	49
10	Synthesis of Î³-Al2O3 nanopowders by freeze-drying. Materials Research Bulletin, 2006, 41, 1520-1529.	2.7	31
11	Alumina bodies with near-to-theoretical density by aqueous gelcasting using concentrated agarose solutions. Ceramics International, 2005, 31, 439-445.	2.3	69
12	Improved green properties of gelcast alumina through multiple synergistic interaction of polysaccharides. Journal of the European Ceramic Society, 2003, 23, 1785-1793.	2.8	27
13	Application of alginate gelation to aqueous tape casting technology. Materials Research Bulletin, 2002, 37, 671-682.	2.7	29
14	Near-net shaping of aqueous alumina slurries using carrageenan. Journal of the European Ceramic Society, 2002, 22, 297-303.	2.8	28
15	Thermogelling polysaccharides for aqueous gelcastingâ€”part I: a comparative study of gelling additives. Journal of the European Ceramic Society, 2002, 22, 2209-2215.	2.8	65
16	Thermogelling polysaccharides for aqueous gelcastingâ€”part II: influence of gelling additives on rheological properties and gelcasting of alumina. Journal of the European Ceramic Society, 2002, 22, 2217-2222.	2.8	31
17	Thermogelling polysaccharides for aqueous gelcastingâ€”part III: mechanical and microstructural characterization of green alumina bodies. Journal of the European Ceramic Society, 2002, 22, 2223-2230.	2.8	31
18	Rheological Characterization of Synergistic Mixtures of Carrageenan and Locust Bean Gum for Aqueous Gelcasting of Alumina. Journal of the American Ceramic Society, 2002, 85, 2432-2436.	1.9	30

#	Article	IF	Citations
19	Aqueous colloidal processing of nickel powder. Acta Materialia, 2001, 49, 645-651.	3.8	32
20	Aqueous Gelâ€Forming of Silicon Nitride Using Carrageenans. Journal of the American Ceramic Society, 2001, 84, 62-64.	1.9	32
21	Aqueous injection moulding of silicon nitride. Journal of the European Ceramic Society, 2000, 20, 2661-2666.	2.8	26
22	Improved consolidation of alumina by agarose gelation. Journal of the European Ceramic Society, 2000, 20, 2527-2533.	2.8	25