

M Isabel Nieto

List of Publications by Year in descending order

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22
papers

671
citations

430754

18
h-index

677027

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23
all docs

23
docs citations

23
times ranked

532
citing authors

#	ARTICLE	IF	CITATIONS
1	Alumina bodies with near-to-theoretical density by aqueous gelcasting using concentrated agarose solutions. <i>Ceramics International</i> , 2005, 31, 439-445.	2.3	69
2	Thermogelling polysaccharides for aqueous gelcasting" part I: a comparative study of gelling additives. <i>Journal of the European Ceramic Society</i> , 2002, 22, 2209-2215.	2.8	65
3	Gelcasting Performance of Alumina Aqueous Suspensions with Glycerol Monoacrylate: A New Low-Toxicity Acrylic Monomer. <i>Journal of the American Ceramic Society</i> , 2007, 90, 1386-1393.	1.9	49
4	Comparison of freeze drying and spray drying to obtain porous nanostructured granules from nanosized suspensions. <i>Journal of the European Ceramic Society</i> , 2012, 32, 1019-1028.	2.8	38
5	Aqueous colloidal processing of nickel powder. <i>Acta Materialia</i> , 2001, 49, 645-651.	3.8	32
6	Aqueous Gel"Forming of Silicon Nitride Using Carrageenans. <i>Journal of the American Ceramic Society</i> , 2001, 84, 62-64.	1.9	32
7	Thermogelling polysaccharides for aqueous gelcasting" part II: influence of gelling additives on rheological properties and gelcasting of alumina. <i>Journal of the European Ceramic Society</i> , 2002, 22, 2217-2222.	2.8	31
8	Thermogelling polysaccharides for aqueous gelcasting" part III: mechanical and microstructural characterization of green alumina bodies. <i>Journal of the European Ceramic Society</i> , 2002, 22, 2223-2230.	2.8	31
9	Synthesis of γ -Al ₂ O ₃ nanopowders by freeze-drying. <i>Materials Research Bulletin</i> , 2006, 41, 1520-1529.	2.7	31
10	Rheological Characterization of Synergistic Mixtures of Carrageenan and Locust Bean Gum for Aqueous Gelcasting of Alumina. <i>Journal of the American Ceramic Society</i> , 2002, 85, 2432-2436.	1.9	30
11	Application of alginate gelation to aqueous tape casting technology. <i>Materials Research Bulletin</i> , 2002, 37, 671-682.	2.7	29
12	Near-net shaping of aqueous alumina slurries using carrageenan. <i>Journal of the European Ceramic Society</i> , 2002, 22, 297-303.	2.8	28
13	Improved green properties of gelcast alumina through multiple synergistic interaction of polysaccharides. <i>Journal of the European Ceramic Society</i> , 2003, 23, 1785-1793.	2.8	27
14	Aqueous injection moulding of silicon nitride. <i>Journal of the European Ceramic Society</i> , 2000, 20, 2661-2666.	2.8	26
15	Improved consolidation of alumina by agarose gelation. <i>Journal of the European Ceramic Society</i> , 2000, 20, 2527-2533.	2.8	25
16	Gelcasting of alumina suspensions containing nanoparticles with glycerol monoacrylate. <i>Journal of the European Ceramic Society</i> , 2009, 29, 875-880.	2.8	25
17	Aqueous colloidal processing of SiC with Y ₃ Al ₅ O ₁₂ liquid-phase sintering additives. <i>Journal of the European Ceramic Society</i> , 2013, 33, 1685-1694.	2.8	22
18	Processing and mechanical properties of mullite and mullite"alumina composites reinforced with carbon nanofibers. <i>Journal of the European Ceramic Society</i> , 2015, 35, 3613-3621.	2.8	21

#	ARTICLE	IF	CITATIONS
19	Shaping of Dense Advanced Ceramics and Coatings by Gelation of Polysaccharides. <i>Advanced Engineering Materials</i> , 2014, 16, 637-654.	1.6	19
20	Gel casting of aqueous suspensions of BaTiO ₃ nanopowders. <i>Ceramics International</i> , 2009, 35, 321-326.	2.3	15
21	Wet forming of concentrated nano-BaTiO ₃ suspensions. <i>Journal of the European Ceramic Society</i> , 2009, 29, 881-886.	2.8	14
22	Colloidal Processing and Characterization of Aluminum-Doped Lanthanum Oxyapatite, La ₁₀ AlSi ₅ O ₂₆ .5. <i>Journal of the American Ceramic Society</i> , 2011, 94, 117-123.	1.9	12