

Contents

T. Chartier	821	Guest Editorial
M. Takahashi, R.L. Menchavez, M. Fuji & H. Takegami	823	Opportunities of porous ceramics fabricated by gelcasting in mitigating environmental issues
J. Luyten, S. Mullens, J. Coymans, A.M. De Wilde, I. Thijs & R. Kems	829	Different methods to synthesize ceramic foams
B. Neirinck, J. Fransaer, O. Van Der Biest & J. Vleugels	833	A novel route to produce porous ceramics
J. Binner, H. Chang & R. Higginson	837	Processing of ceramic-metal interpenetrating composites
E. Bernardo, P. Colombo & S. Hampshire	843	Advanced ceramics from a preceramic polymer and nano-fillers
S. Duperrier, R. Chiriac, C. Sigala, C. Gervais, S. Bernard, D. Cornu & P. Miele	851	Thermal behaviour of a series of poly[B-(methylamino)borazine] for the preparation of boron nitride fibers
H. Termoss, M. Bechelany, B. Toury, A. Brioude, S. Bernard, D. Cornu & P. Miele	857	Shaping potentialities of aluminum nitride polymeric precursors. Preparation of thin coatings and 1D nanostructures in liquid phase
M. Bechelany, B. Toury, A. Brioude, S. Bernard, D. Cornu & P. Miele	863	Preparation of ZnO nanoparticles localized on SiC@SiO ₂ nanocables by a physical templating method
Y. Hotta, K. Tsunekawa, T. Shirai, K. Sato, M. Yasuoka & K. Watari	869	Fabrication of stable Al ₂ O ₃ slurries and dense green bodies using soft-energy milling process
C. Tallon, D. Jach, R. Moreno, M.I. Nieto, G. Rokicki & M. Szafran	875	Gelcasting of alumina suspensions containing nanoparticles with glycerol monoacrylate
I. Santacruz, M.I. Nieto, J. Binner & R. Moreno	881	Wet forming of concentrated nano-BaTiO ₃ suspensions
I.A.H. Al-Dawery, J.G.P. Binner, G. Tari, P.R. Jackson, W.R. Murphy & M. Kearns	887	Rotary moulding of ceramic hollow wares
J. Powell & S. Blackburn	893	The unification of paste rheologies for the co-extrusion of solid oxide fuel cells
K. Schindler & A. Roosen	899	Manufacture of 3D structures by cold low pressure lamination of ceramic green tapes
M. Lejeune, T. Chartier, C. Dossou-Yovo & R. Noguera	905	Ink-jet printing of ceramic micro-pillar arrays

J. Stringer & B. Derby	913	Limits to feature size and resolution in ink jet printing
Y. Abouliatim, T. Chartier, P. Abelard, C. Chaput & C. Delage	919	Optical characterization of stereolithography alumina suspensions using the Kubelka–Munk model
E. Ligneel, B. Lestriez, A. Hudhomme & D. Guyomard	925	Shaping of advanced ceramics: The case of composite electrodes for lithium batteries
M.L. Fontaine, Y. Larring, J.B. Smith, H. Raeder, Ø.S. Andersen, M.-A. Einarsrud, K. Wiik & R. Bredesen	931	Shaping of advanced asymmetric structures of proton conducting ceramic materials for SOFC and membrane-based process applications
M.J. Patel, J. Wedderburn, S. Blackburn & D.I. Wilson	937	Maldistribution of fluids in extrudates
N. Chantaramee, S. Tanaka, Z. Kato, N. Uchida & K. Uematsu	943	Characterization of particles packing in alumina green tape
R.L. Menchavez, M. Fuji & M. Takahashi	949	Electrical conductivity of gelcast alumina sintered under inert atmosphere
S. Tanaka, A. Makiya, Z. Kato & K. Uematsu	955	<i>c</i> -axis oriented ZnO formed in a rotating magnetic field with various rotation speeds
P. Piluso, M. Ferrier, C. Chaput, J. Claus & J.-P. Bonnet	961	Hafnium dioxide for porous and dense high-temperature refractories (2600 °C)
	I	Keyword List
	II	Notes for Authors