

Contents

R. Moreno	2791	Guest Editorial
R. Brook	2793	Dedication
B.C. Yu & F.F. Lange	2795	Shape forming alumina slurries via Colloidal IsoPressing
P. Falkowski, P. Bednarek, A. Danelska, T. Mizerski & M. Szafran	2805	Application of monosaccharides derivatives in colloidal processing of aluminum oxide
T.S. Suzuki, T. Uchikoshi & Y. Sakka	2813	Effect of sintering conditions on microstructure orientation in α -SiC prepared by slip casting in a strong magnetic field
C. Tallon, M. Limacher & G.V. Franks	2819	Effect of particle size on the shaping of ceramics by slip casting
A. Mannschatz, S. Höhn & T. Moritz	2827	Powder-binder separation in injection moulded green parts
V. Tomeckova & J.W. Halloran	2833	Predictive models for the photopolymerization of ceramic suspensions
R.F. Louh, Y. Ku & I. Tsai	2841	Rapid prototyping technique for ceramic mini-devices containing internal channels with asymmetrical contour
W.-C. Lin, C.-N. Chen, T.-T. Tseng, M.-H. Wei, J.H. Hsieh & W.J. Tseng	2849	Micellar layer-by-layer synthesis of TiO_2/Ag hybrid particles for bactericidal and photocatalytic activities
J. Powell & S. Blackburn	2859	Co-extrusion of multilayered ceramic micro-tubes for use as solid oxide fuel cells
E. Gregorová, W. Pabst, Z. Živcová, I. Sedlářová & S. Holíková	2871	Porous alumina ceramics prepared with wheat flour
M.H. Talou & M.A. Camerucci	2881	Two alternative routes for starch consolidation of mullite green bodies
M. Fukushima, M. Nakata, Y. Zhou, T. Ohji & Y.-I. Yoshizawa	2889	Fabrication and properties of ultra highly porous silicon carbide by the gelation–freezing method
L.F.G. Setz, I. Santacruz, M.T. Colomer, S.R.H. Mello-Castanho & R. Moreno	2897	Tape casting of strontium and cobalt doped lanthanum chromite suspensions
A. Mukhopadhyay & R.I. Todd	2905	Effect of yttria doping on the microstructure and mechanical properties of $\text{Al}_2\text{O}_3\text{--FeAl}_2\text{O}_4$ nanocomposites developed via solid state precipitation
R.J. Pavlacka & G.L. Messing	2917	Processing and mechanical response of highly textured Al_2O_3
J.L. Amorós, J. Boix, D. Llorens, G. Mallol, I. Fuentes & C. Feliu	2927	Non-destructive measurement of bulk density distribution in large-sized ceramic tiles

M. Belmonte, J. González-Julián, P. Miranzo & M.I. Osendi	2937 Spark plasma sintering: A powerful tool to develop new silicon nitride-based materials
I. Uvarova, I. Kud', L. Yermenko, L. Lykhodid, D. Ziatkevich & T. Yarmola	2947 Sintering of powders in the $\text{CrSi}_2\text{--Ti(Ta)Si}_2$ systems depending on the methods for synthesis
A.P. Silva, D.G. Pinto, A.M. Segadães & T.C. Devezas	2955 Designing particle sizing and packing for flowability and sintered mechanical strength
F. Pishbin, A. Simchi, M.P. Ryan & A.R. Boccaccini	2963 A study of the electrophoretic deposition of Bioglass [®] suspensions using the Taguchi experimental design approach
A. Nold & R. Clasen	2971 Bubble-free electrophoretic shaping from aqueous suspension with micro point-electrode
P.O. Vasiliev, A. Ojuva, J. Grins & L. Bergström	2977 The effect of temperature on the pulsed current processing behaviour and structural characteristics of porous ZSM-5 and zeolite Y monoliths
O. Eser, S. Kurama & G. Gunkaya	2985 The production of $\beta\text{-SiAlON}$ ceramics with low amounts of additive, at low sintering temperature
T.A.G. Restivo & S.R.H. Mello-Castanho	2991 Microstructure design by mechanical alloying
J.J. Reinoso, A.C. Silva, F. Rubio-Marcos, S.R.H. Mello-Castanho, J.S. Moya & J.F. Fernandez	2997 High chemical stability of stoneware tiles containing waste metals
	I Keyword List
	II Notes for Authors