Refractory Ceramics Division
Alfred W. Allen Award Winners

2016 - A.G. Tomba Martinez, A.P. Luz, M.A.L. Braulio, and V.C. Pandolfelli, "Al2O3-based binders for corrosion resistance optimization of Al2O3-MgAl2O4 and Al2O3-MgO refractory castables," Ceramics International 41 (2015) 9947-99

2014 - Eric Y. Sako, Mariana A. L. Braulio, Enno Zinngrebe, Sieger R. van der Laan, and Victor C. Pandolfelli, "In-Depth Microstructural Evolution Analyses of Cement-Bonded Spinel Refractory Castables: Novel Insights Regarding Spinel and CA6 Formation," J. Amer. Ceram. Soc., 95 [5] 1732-

2012 - Wagner M. Silva and Modestino A. M. Brito - Magnesita Refractories S.A., Brazil, Christos G. Aneziris - Institute for Ceramics, Glass and Construction Materials, Technical University Freiberg, Germany, "Effect of Alumina and Silica on the Hydration Behaviour of Magnesia Based Refractories," J. Amer. Ceram. Soc., 94(12) 4218-4225 (2011)

2010 - Devdutt Shukla and Jeffrey D. Smith, “Effect of Celsian on Corrosion of Aluminosilicate Castable Refractories,” Refractories Applications, Vol. 4, No. 3, November/December 2009.

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2006 – Y.A. Marques, R.G. Pileggi, F.A.O. Valenzuela, M.A.L. Braulio, and V.C. Pandolfelli, “Setting Additives Influence on the Thermomechanical Properties of Wet Shotcrete Refractory Castable Matrices,” Ceram. Bull., pp. 9201-9206, 2005.

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1996 – K.N. Singh, C.R. Beechan, T.J. Russo, W.S. Howanski, and B. Brezny, “Reducing Thermally Induced Stresses in BOF Linings,” pp. 491-498, 1995 Steelmaking Conference Proceedings.

1994 – J. Tu, R.B. Fortuna, and S.C. Su, “Microstructure, Phase Composition and Properties of an Olivine Based Castable,” pp. 506-516, UNITECR ’93.

1992 – Claude Allaire, Michel Rigaud, and Serge Dallaire, “Basic Phosphate-Bonded Castables from Dolomitic-Magnesite Clinkers,” J. Amer. Ceram. Soc., 72 (9) 1698-1703 (1989).

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1986 – Brian Rand and O. Serdar Ozgen, “Kinetics of Oxidation of the Graphite Phase in Alumina/Graphite Materials,” Brit Ceram Trans J, Vol. 84, No. 2, pp. 70-76, 1985.

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