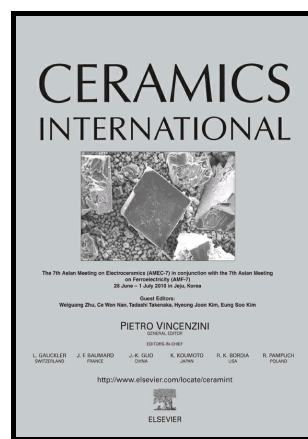


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Tensile strength and corrosion resistance properties of porous  $\text{Al}_2\text{O}_3/\text{Ni}$  composites prepared with rice husk pore-forming agent

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**Abstract:** The mechanical performance and chemical stability of porous alumina materials operating under harsh service conditions are of utmost importance in understanding their operational behavior if they are to stand the test of time. In the present study, the joint effect of nickel (Ni) reinforcement and rice husk (RH) pore-forming agent (PFA) on the tensile strength and the corrosion resistance properties of composite porous alumina ceramics was studied. To exploit the potential of this new porous alumina system, plain and Ni-reinforced porous alumina

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