MgO

E. Applications

Keywords for Journal of the European Ceramic Society

Authors should select a maximum of five keywords. Each keyword should be accompanied by the capital letter denoting the category from which the keyword has been selected. If authors wish they may nominate one keyword which is not not included in the list below. The list of up to five keywords should appear on the title page of each paper submitted for consideration following the abstract.

		Mullite
Calcination	Chemical properties Colour Corrosion Creep Dielectric properties Diffusion Electrical properties	Niobates Nitrides Oxide superconductors Perovskites PLZT PZT Porcelain
Drying		
Extrusion		
Films		
Finishing		
Firing		
Grain growth		RBAO

C. Properties

Hot isostatic pressing Electrical conductivity Si₃N₄ **Fatigue** Hot pressing Sialon Ferroelectric properties Implantation SiC Fracture Injection moulding Silicate Hardness **Joining**

Silicides Impedance Microwave processing SiO₂ Ionic conductivity Milling Spinels Mixing Lifetime **Tantalates** Powders: solid state reaction Magnetic properties TiO₂ Mechanical properties Powders: gas phase reaction

Traditional ceramics Powders: chemical preparation Optical properties Transition metal oxides Piezoelectric properties Precursors: organic UO_2

Plasticity Pressing Y_2O_3 Strength Shaping ZnO Superconductivity Sintering ZrO₂Slip casting Thermal conductivity

Sol-gel processes Thermal expansion Thermal properties Suspensions Thermal shock resistance Tape casting Toughness and toughening

Wear resistance

A. Processing

Actuators **B. Structure and Microstructure** Armour

Batteries Composites

Biomedical applications D. Compositions Defects Capacitors Electron microscopy

Cutting tools Al₂O₃ Failure analysis Al₂TiO₅ Engine components Fibres

Alkali oxides Fuel cells Grain size Functional applications Grain boundaries Alkaline earth oxides

Apatite Hard magnets **Impurities** Insulators B-Al2O3 Inclusions BaTiO₃ and titanates Lamp envelopes Interfaces Membranes BeO

Microstructure-final Nuclear applications **Borides** Microstructure-prefiring PTC devices Carbides Nanocomposites Carbon Refractories Non-destructive evaluation Optical microscopy CeO₂ Sensors

Soft magnets **Platelets** Clays Dimox Structural applications **Porosity**

Ferrites Substrates Spectroscopy **Thermistors** Surfaces Glass Varistors Glass ceramics Whiskers Halides Wear parts X-ray methods