E. Applications

Actuators

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 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.

A. Processing	C. Properties	MgO
_	-	Mullite
Calcination	Chemical properties	Niobates
Drying	Colour	Nitrides
Extrusion	Corrosion	Oxide superconductors
Films	Creep	Perovskites
Finishing	Dielectric properties	PLZT
Firing	Diffusion	PZT
Grain growth	Electrical properties	Porcelain
Hot isostatic pressing	Electrical conductivity	RBAO
Hot pressing	Fatigue	Si_3N_4
Implantation	Ferroelectric properties	Sialon
Injection moulding	Fracture	SiC
Joining	Hardness	Silicate
Microwave processing	Impedance	Silicides
Milling	Ionic conductivity	SiO_2
Mixing	Lifetime	Spinels
Powders: solid state reaction	Magnetic properties	Tantalates
Powders: gas phase reaction	Mechanical properties	${ m TiO}_2$
Powders: chemical preparation	Optical properties	Traditional ceramics
Precursors: organic	Piezoelectric properties	Transition metal oxides
Pressing	Plasticity	UO_2
Shaping	Strength	Y_2O_3
Sintering	Superconductivity	ZnO
Slip casting	Thermal conductivity	ZrO_2
Sol-gel processes	Thermal expansion	

B. Structure and Microstructure

Suspensions

Tape casting

Composites Armour Batteries

Defects D. Compositions Biomedical applications
Electron microscopy Capacitors

Failure analysis Al_2O_3 Cutting tools Fibres Al_2TiO_5 Engine components Grain size Alkali oxides Fuel cells

Thermal properties

Wear resistance

Thermal shock resistance

Toughness and toughening

Grain boundaries Alkaline earth oxides Functional applications

Microstructure-prefiringBoridesNuclear applicationsNanocompositesCarbidesPTC devicesNon-destructive evaluationCarbonRefractoriesOptical microscopyCeO2SensorsPlateletsClaysSoft magnets

Porosity Dimox Structural applications

SpectroscopyFerritesSubstratesSurfacesGlassThermistorsWhiskersGlass ceramicsVaristorsX-ray methodsHalidesWear parts