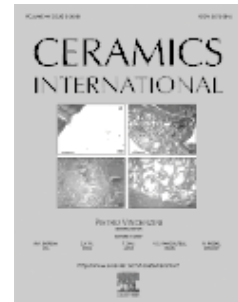




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DESCRIPTION

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Priority materials and areas of interest are: Advanced ceramics and composites for civil, military and industrial applications at room and moderate temperatures- High and ultrahigh temperature structural ceramics and composites for use in extreme environments; Electroceramics such as dielectric and microwave ceramics, ferroelectrics, piezoelectrics, pyroelectrics, thermoelectrics, ferroelastics; magnetic, multiferroic, semiconducting and fast ion-conducting ceramics; high T_c superconductors, topological insulators; Optical ceramics including luminescent and chromogenic materials, transparent conducting and semiconducting ceramics, electro-optical, magneto-optical and laser materials, inorganic optical fibers, plasmonic structures and electromagnetic metamaterials; Ceramics for

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GUIDE FOR AUTHORS

INTRODUCTION

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- Optical ceramics including luminescent and chromogenic materials, transparent conducting and semiconducting ceramics, electro-optical, magneto-optical and laser materials, inorganic optical fibers, plasmonic structures and electromagnetic metamaterials;
- Ceramics for nuclear fission, fusion and nuclear waste management technologies;
- Bioinert and bioactive ceramics for the full range of medical applications, including functional nanoparticles, composite materials and hybrid hierarchical nanostructures for tissue engineering, delivery systems, bio imaging and neural interfaces.

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Reference to a website:

[4] Cancer Research UK, Cancer statistics reports for the UK. <http://www.cancerresearchuk.org/aboutcancer/statistics/cancerstatsreport/>, 2003 (accessed 13 March 2003).

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