

Special Issue

Bioceramics: Bioinert, Bioactive, and Coatings

Message from the Guest Editor

Bioceramics can be classed as three main types: Bioinert, bioactive, and coatings. Two bioinert bioceramics (Alumina and ZTA—zirconia toughened alumina), three bioactive bioceramics (bioglass, hydroxyapatite, and tri-calcium phosphate), and two bioceramic coatings (DLC—diamond-like-carbon and Oxinium®—oxidized zirconium), have all been groundbreaking bioceramics in the medical device and tissue-engineering realm. Each has had a revolutionary impact in the medical field in recent decades. Other niche bioceramics are also significant, such as zirconia and pyrolytic carbon.

Guest Editor

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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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