Special Issue

Advanced Ceramics for Biomedical Applications

Message from the Guest Editors

The use of advanced ceramics in biomedical applications has revolutionized the field of medicine, offering myriad benefits including biocompatibility, mechanical strength, and resistance to wear and corrosion. This Special Issue aims to showcase the latest research and developments in the use of advanced ceramics in various biomedical applications, such as dental implants, bone scaffolds, drug delivery systems, and tissue engineering. We invite researchers and scientists to contribute their original research articles and reviews to this Special Issue in order to share their insights and expertise on the potential of advanced ceramics in advancing healthcare outcomes. Topics of interest include but are not limited to innovative fabrication methods, novel material compositions, and biocompatibility testing.

Guest Editors

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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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