

## Special Issue

# Ceramics and Related Composites for Biomedical Applications: Materials, Advanced Manufacturing, and Biomedical Performance

### Message from the Guest Editor

With the rapid development of biomedical technology, biomaterials are receiving increasing attention. Ceramics and related composites, with their unique physical, chemical, and biological properties, have shown great application potential for biomedical applications. From traditional inert bioceramics to new active bioceramics to functionally active bioceramics, researchers have made significant progress in the replacement and repair of human bones and teeth, as well as the manufacture of artificial organs. The emergence of advanced manufacturing technology has also provided new vitality for the development of materials. In addition, the emergence of design, advanced manufacturing technology, and external field stimulation has also provided new vitality for the development of materials, as well as the improvement of their biomedical performance.

### Guest Editor

Prof. Dr. Rujie He

Institute of Advanced Structure Technology, Beijing Institute of Technology, Beijing 100081, China

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## Materials

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*Materials*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[materials@mdpi.com](mailto:materials@mdpi.com)

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## About the Journal

### 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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### Editor-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada
2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

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