

## Special Issue

# Structural Biomaterials and Bioinspired Mechanical Metamaterials for Sustainable Applications

### Message from the Guest Editors

The Special Issue “Structural Biomaterials and Bioinspired Mechanical Metamaterials for Sustainable Application” focuses on the emerging concepts that allow the design of new or improved mechanical metamaterials as well as the characterization of the structural biomaterials. Authoritative review articles and original research papers describing recent findings in the field of biomaterials and bioinspired metamaterials are expected to cover a range of topics. The potential topics include, but are not limited to:

- Characterization of mechanical properties of biomaterials;
- Design, analysis, and development of bioinspired mechanical metamaterials;
- Bioinspired auxetic mechanical metamaterials;
- Bioinspired hierarchical metamaterials;
- Advance manufacturing of bioinspired metamaterials;
- Sustainable biomaterial products;
- Bioinspired 3D printing of mechanical metamaterials.

I strongly encourage you to submit papers on your most recent research on biomaterials and bioinspired mechanical metamaterials to this Special Issue.

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### Guest Editors

Dr. Rong Fan

Department of Mechanical Engineering, City University of Hong Kong, Hong Kong, China

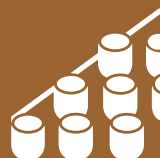
Dr. Xiang Li

School of Science, Nanjing University of Science and Technology, Nanjing, China

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### Deadline for manuscript submissions

closed (10 March 2024)



## 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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