



Bio- and Nano-Materials and Their Interfaces

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Message from the Guest Editors

This Special Issue entitled “Bio- and Nano-Materials and Their Interfaces” will cover various aspects of biomaterials, biological systems, nanoscale materials and structures, and their interfaces. In recent years, bio- and nano-materials and their interface have attracted intense research efforts from a wide range of areas such as material science, physics, mechanics and biomimetics and engineering. Inspired by the biological materials, responsive materials, artificial muscles, stretchable and integratable electronics and sensors with comprehensive properties and functions have been designed and realized through the assembly of nanotube, graphene and nanowires. In particular, this issue will discuss the design, fabrication, property characterization, and modeling of bio- and nanomaterials, as well as their applications in various fields, such as mechanical and biomedical engineering. Research and review articles focusing on the above-mentioned fields are welcome.

Keywords:

- biological material
- biomimetics
- nanomaterial
- property characterization
- modeling

