Special Issue

Advances in Functional Soft Materials—2nd Volume

Message from the Guest Editor

Soft materials are a condensed matter that can be deformed or reshaped, generally at room temperature. The range of soft materials is very broad. Some of the most important examples include polymers, gels, elastomers, colloids, liquid metals, and biomaterials, such as proteins and cells. Compared with hard materials, soft materials can have advantageous properties in terms of flexibility, moldability, processability, cost-effectiveness, biocompatibility, etc. Soft materials have actively been adopted to numerous applications, ranging from cosmetics, food products, and packaging materials to energy devices, robotics, and biomedical applications. As interest in wearable/biocompatible devices increases, soft materials are attracting more and more attention. In this Special Issue, recent trends and developments in technologies related to functional soft materials will be highlighted and discussed. This Special Issue will cover, but will not be limited to, the following topics:

- Synthesis and characterization of soft materials with new functionality;
- Electronic devices;
- Sensors;
- Soft robotics;
- Energy devices;
- Biomedical applications.

Guest Editor

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Message from the Editorial Board

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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