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Advances in Functional Soft Materials - 2nd Volume

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Message from the Guest Editor

Dear Colleagues,

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.



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Special Issue



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Message from the Editor-in-Chief

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