



Advances in Functional Soft Materials

Guest Editor:

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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. Recently, many efforts have been made to develop functional soft materials with a wide variety of functionalities, for example, stretchability, biodegradability, self-healing properties, stimuli-responsiveness, and so on.

In this Special Issue, recent trends and developments in technologies related to functional soft materials will be highlighted and discussed.





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Message from the Editor-in-Chief

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