



polymers



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Polymer-Based Smart Materials: Preparation and Applications

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

With the rapid development of the Internet of Things and wearable technology, smart materials have attracted significant attention due to their special ability to convert various signals such as force, heat, sound, light, and magnetism into electrical signals. Among them, polymer-based smart materials exhibit significant advantages due to their unique structural flexibility and stretchability. However, compared to traditional inorganic materials, polymer-based smart materials continue to exhibit deficiencies in their performance parameters, multifunctionality, and integration. Moreover, scenarios involving contact with the human body demand higher requirements regarding the biocompatibility and environmental friendliness of polymer-based smart materials. Therefore, this Special Issue focuses on novel polymer-based smart materials and their applications, and welcomes the submission of high-quality research papers that present innovative preparation and processing methods and application scenarios. We also welcome the submission of review articles.

Dr. Xiaoran Hu
Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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