



Functional Self-Healing Polymers

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Message from the Guest Editors

Dear Colleagues,

Self-healing materials are a class of smart materials that have a great deal of potential for advanced engineering systems. These systems can respond to environmental stimuli in a non-linear and productive way without the need for external intervention. Self-healing science and technology have expanded at a higher pace in the recent decade than in those before, resulting in the creation of new polymers, polymer blends, polymer composites, and hybrid materials with self-healing characteristics. Due to their unique qualities, self-healing materials are used in a variety of fields, including biomedical, electrical, aerospace, coatings, and more. The aim of this Special Issue is to provide readers with an up-to-date overview of recent progress in research on self-healing materials and devices.

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Guest Editors





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