



Functional Polymer-Associated Self-Healing Materials

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Message from the Guest Editors

Dear Colleagues,

Material degradation occurs everywhere in our daily life. The combination of environment and load causes the deterioration of materials and structures. There have been many renovation methods for repairing damaged materials and structures. Traditional renovation technology needs periodical maintenance. It is a post renovation, passive mode and could result in a high cost. In contrast, in nature, damage can usually be self-healed. Thus, structures that mimic nature and self-healing could be of great interest and have attracted more and more researchers' attention. Self-healing technology has been proposed and developed recently. This Special Issue aims to highlight various aspects of self-healing materials, which include novel schemes, physical and chemical properties, evaluation, and future applications. We look forward to your exciting contributions.

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