



Advanced Multi-Functional Polymer Composites II

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

With the continuous development of technology and social progress, more and more polymer materials have become widely used.

The high performance and functionalization of polymer materials is an important research direction for polymer science and engineering. The preparation of polymer composites is an important method to realize the high performance and functionalization of polymer materials. Polymer composites are usually multiphase solid materials that are composed of a polymer matrix and other materials with different shapes, constituents and properties. Enhancing and increasing the functionality of polymer composites is always a research hotspot in polymer science.

Advanced polymer composites with multi-functionality exhibit important properties related to light weight, good insulation, high strength, excellent flexibility, and low cost, as well as fatigue and corrosion resistance, and have been widely used in the energy power, automotive, aerospace, architecture, sporting goods, and electronics industries, in the medical field, in environmental protection, and in other key areas.





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