



Functional Polymer Foam and Composite Materials

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Message from the Guest Editor

The design, synthesis, and characterization of novel polymer foams and functional polymer foam composites are crucial, as these materials have incredible potential in several emerging fields, such as in energy storage and conversion, wearable electronics, absorption and separation, and tissue engineering. Normally, these foams and composites have excellent mechanical properties and retardance, high electrical conductivity, super-hydrophobic surfaces, enhanced structure reliability under varying temperatures, and good biocompatibility. They open up fabrication and application opportunities at the interfaces of many fields.

This Special Issue will focus on the current development of and future opportunities presented by various polymer foams and novel polymer foam composites. Both review and original research papers investigating the above topics through perspectives of materials and engineering sciences, chemistry, physics, or biochemistry are welcome.





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Message from the Editor-in-Chief

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