



Functional Cellular Polymer Composites

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Message from the Guest Editors

Dear Colleagues,

The past decade has seen a growing interest in the application of functional cellular polymer composites in cutting-edge industry sectors. This interest is thanks to their advantages, such as light weight, low cost, high specific mechanical properties and versatility.

Moreover, polymeric foam composites can provide multifunctional properties such as biocompatibility and antibacterial effect, electrical and thermal conductivity, self-cleaning, healing and damage detection and energy storage ability, among many others. The development of these novel materials would assist in combating upcoming shortcomings in the energy sector, environmental recovery, medical instruments and space exploration.

Therefore, this Special Issue will focus on the recent findings in the field of materials science and technology regarding functional cellular polymer composite materials and all their aspects: design and fabrication, process, composition, morphological structure, characterization, application and functionalization, environmental impact and recycling, etc.

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I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

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