



Recent Advances in Functional Composite Materials

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Deadline for manuscript
submissions:

closed (31 July 2025)

Message from the Guest Editor

Dear Colleagues,

Functional composite materials are garnering increasing interest in advanced applications today due to their ability to impart unique properties not found in original materials. These composites can significantly enhance the performance of base materials by combining their best attributes.

Functionality in polymer materials can be achieved through various unique processing methods, post-processing treatments, or the incorporation of micro/nanoparticles. For instance, incorporating conductive fillers into polymers can significantly enhance their electrical conductivity. Incorporating flame-retardant additives can improve the fire resistance of host polymers. Antimicrobial additives are extensively researched to develop functional composite materials for active food packaging. And so on.

This Special Issue focuses on innovative fabrication techniques for advanced functional composite materials aimed at achieving specific desired properties.

Dr. Boon Peng Chang

Guest Editor





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Message from the Editor-in-Chief

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