



Advanced Polymer Composites: Structure-Property-Processing Relationships

Guest Editor:

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Deadline for manuscript
submissions:
closed (5 December 2022)

Message from the Guest Editor

Functional polymer composites are making significant strides in design, synthesis, processing, and promising applications. By using suitable fillers and matrices to create new and attractive properties, functional polymer composites can meet the most difficult standards of users, especially in high-tech industries. From this point of view, the importance of a systematic understanding of the fundamental physical relationship between nanoscale structural variables and macroscopic properties of polymer composites is highlighted. Hence, structure–property–processing relationships are crucial for their future development as innovative advanced polymer composite systems. Advances in functional polymer composites will promote human welfare by creating new solutions and materials to overcome global energy and environmental crises.

This Special Issue will cover recent advances concerning structure, property, processing, as well as promising applications of advanced polymer composites. Submitted manuscripts will be fast-track reviewed. Research articles, review articles, perspectives, and communications and letters are also invited.





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Message from the Editor-in-Chief

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