



Recent Progress and Future of Polymer Composites

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Message from the Guest Editors

Polymer composites have been rapidly developed and widely used in various fields with advantages of high strength, light weight, corrosion resistance, heat insulation, insulation and so on. Looking at the higher requirements for the performances of polymer composites year by year, this Special Issue is intended to collect the most recent research studies as well as in-depth reviews on the recent progress and future trends of polymer composites including design, fabrication, characterization and applications.

Topics include but are not limited to:

- All the functional and structural polymer composites
- Short, long or continuous fibers reinforced polymer composites
- Particles or sheets reinforced polymer composites
- Multiscale polymer composites from nanoscale to macroscale
- Composites with specific internal structures such as orientation, lamination, porous, etc.
- Fabrication and processing of polymer composites
- Microstructural Characterization of polymer composites
- Polymer composites for various application such as aerospace, biomedicine, energy, additive manufacturing, etc.
- Polymer composites for complicated and extreme environments.

