

Special Issue

Processing and Applications of Polymer Composite Materials

Message from the Guest Editor

This Special Issue seeks high-quality work to develop new materials based on polymer composites for multifunctional applications (i.e., drug delivery, water and wastewater purification). Topics include, but are not limited to, the following progresses in the manufacture and compounding of polymer composite materials:

- Improvement in the thermal, mechanical, morphological, thermal, and flammability properties of polymer composites by adding fillers, plasticizers, lubricants, stabilizers, modifiers, and flame retardants and their combinations.
- Innovative methods to estimate and measure the physical, mechanical, and chemical performances of polymer composites.
- Enhancement in the barrier properties of polymer composites by incorporating nanoparticles in the polymer matrix.
- Polymer composites in 3D printing.
- Polymer composite materials based on repellents, insecticides, and fertilizers.

Guest Editor

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Editor-in-Chief

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