



Functional Polymeric Systems for Advanced Industrial Applications

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Message from the Guest Editors

Functional polymeric systems constitute of a diverse family of novel molecular architectures which include conjugated porous polymers, organic-inorganic hybrid oligomeric/polymeric materials, supramolecular polymers and self-assembled networks, as well as metal ligated polymers. Those polymeric systems with multi-dimensional morphologies and particular physiochemical properties, which includes external stimuli responsiveness, could be prepared by different synthetic strategies such as general polymerization, organic and supramolecular approaches, as well as diverse manufacturing procedures such as the sounded 3D/4D printing.

- Synthesis of polymeric materials;
- Instrumental characterization of polymeric materials;
- Physical/chemical properties of polymeric materials;
- Theory and simulation of polymeric materials;
- Advanced manufacturing of polymeric materials;
- Processing and performance of polymeric materials;
- Advanced industrial applications of functional polymeric systems.





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Message from the Editor-in-Chief

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