

Special Issue

Fabrication of Polymeric Hydrogels

Message from the Guest Editors

Hydrogels, contrary to the popular belief, are not only used in biomedical and tissue engineering applications but are also widely applied in electronics and magnetic device fabrication technology. They feature as structural support, design templates, or majorly as functional matrices. As a three-dimensional network, they can have a myriad of functionalities depending on the final structure and the chemistry of incorporated polymers. From the materials point of view, hydrogels with dynamic adaptability and responsiveness to some sort of stimuli are in much demand. This Special Issue aims to involve authors and their work towards both, the fundamental understanding of hydrogel design as well as the specific application-based design. We seek latest developments in blends of polymers, inorganic materials and biopolymers including the composition-structure-function for publication in this issue. We hope this issue will motivate researchers to submit their high-quality results and engage in a fruitful review process.

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