

Special Issue

Preparation and Applications of Hydrogels

Message from the Guest Editors

Hydrogels are a three-dimensional organization of polymeric materials with a hydrophilic structure that renders them capable of holding large amounts of water. These polymeric materials can be from natural sources (particularly polysaccharides) or synthetic sources. In recent years, hydrogels have been developed for several applications, especially in the health area in the form of healing tests, as well as for applications in agriculture, the environment, construction, and numerous others.

In this Special Issue, we aim to include experimental and theoretical studies on the fundamental behavior as well as applications of polymeric hydrogels, covering the different perspectives of the interdisciplinary communities of physical chemistry, biochemistry, biomedicine, materials, agriculture, environmental, constructions, and any others involved in polymeric hydrogels.

Guest Editors

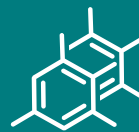
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Deadline for manuscript submissions

closed (30 April 2023)



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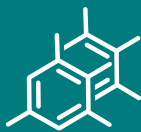


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As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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