



gels



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Magnetic Gels

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

This Special Issue on “Magnetic Gels” is dedicated to recent developments, from theoretical and fundamental aspects, of the synthesis, characterization, materials property, and applications of magnetic gels; hydrogels and organogels. The physical properties of magnetic gels dramatically change in response to magnetic fields and they have attracted considerable attention in the past few decades. Recently, magnetic gels have been used in industrial products, using their excellent response to magnetic fields; magnetic separation, drug delivery, drug release, magnetic hyperthermia, dampers, sensors, and actuators. Contributions based on the materials science and technology are very welcome.

Research Prof. Tetsu Mitsumata
Guest Editor



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Special Issue



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Message from the Editor-in-Chief

Gels (ISSN 2310-2861) is recently established international, open access journal on physical and chemical gel-based materials. The journal aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. General topics include but not limited to synthesis, characterization and applications of new organogels, hydrogels and ionic gels made either from low molecular weight compounds or polymers, composite and hybrid materials where a metal is by some means incorporated into the gel network, and computational studies of these materials in order to provide a better understanding of gelation mechanism. We cordially invite you to consider publishing with us and contribute with your own grain of sand to the advance in this fascinating field.

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