

Special Issue

Optical Characterizations of Gels

Message from the Guest Editors

We are pleased to announce a Special Issue on the topic of “Optical Characterizations of Gels” in the journal *Gels*. Over the last several decades, different optical characterization methods play important roles in the development of physical and materials science. The majority of these optical technologies have the advantage of non-destructive evaluation capability, facilitating in situ measurement during the transient and dynamic processes, which is extremely important in materials science, especially in non-equilibrium states. Abundant information in gels can be obtained from different optical measurements. This Special Issue will report cutting-edge research in the optical characterization of polymeric and colloidal gels. The Special Issue will cover the comprehensive collections of work including, but not limited to the characterization and development of gels made by diffraction/scattering techniques, microscopic techniques, and spectroscopy techniques spectroscopy, nuclear magnetic resonance. Research and review articles covering the above topics or other relevant topics are welcomed for this Special Issue of *Gels*.

Guest Editors

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Deadline for manuscript submissions

closed (20 June 2023)



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About the Journal

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.

Editor-in-Chief

Prof. Dr. Esmail Jabbari

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Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 12.5 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).