Special Issue

Advances in Oleogels and Applications

Message from the Guest Editors

Gels are classified into hydrogel, organogel and oleogel based on the medium which is present as a continuous phase. Gels that are formed in oil are called oleogels, which have gained much interest as an alternative to saturated and trans fats in food products and to deal with their impacts on human health. To date, oleogels have been explored for their applications more precisely in drug delivery, food industry, lubricants and medicine. It is worth mentioning that oleogels have also been extended to in cosmetic formulations, pharmaceutical formulations, chemical engineering, environmental protection, 3D printing, etc. Oleogels have a promising future in industrial applications because of their environmental and nutritional considerations. This Special Issue is dedicated to advancements in oleogel formation and its applications in various fields. We welcome the submission of manuscripts that deal with new and efficient techniques for the formation of oleogels using different approaches and their applications in various sectors such as food, biomedicine, engineering, cosmetics and environment.

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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.

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