

Special Issue

Functional Sol-Gel Composites: Preparation and Applications

Message from the Guest Editor

Sol-gel technology is a powerful physicochemical method for the preparation of functional materials with tunable optical, electrical and thermal properties. Using this approach, a wide range of useful ceramic oxides, organic gels and aerogels with various chemical compositions can be prepared. The present Special Issue, entitled “Functional Sol-Gel Composites: Preparation and Applications,” welcomes original papers on the preparation and structure–property relationships of organic, inorganic or hybrid sol-gel and aerogel composites, with a focus on their specific applications and functionalities. However, please note that investigations of thin sol-gel films or biomedical materials are well established.

Guest Editor

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 30th 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 all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

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