

Special Issue

Sol-Gel Chemistry. From Molecule to Functional Materials

Message from the Guest Editors

One of the main challenges in materials science is to find effective strategies to organize the matter in terms of properties: Chemical, physical, etc. In this respect, bottom up approaches based on the self-assembly of molecules at the nanometric scale to form larger structures need to be considered. In particular, the sol-gel process (called inorganic polymerization) has emerged as one of the most important routes for preparing organized materials. It is, thus, important for *Molecules* to dedicate a Special Issue to this process, since it is perfectly compatible with all kinds of chemistry. This Special Issue will contain contributions discussing all the aspects that are broadly indicated by the keywords. Reviews articles by experts in the field of sol-gel, organosilica, porous hybrid materials and self-assembly will be welcome.

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Message from the Editor-in-Chief

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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