Special Issue

Supramolecular Solvents and Their Applications

Message from the Guest Editor

Supramolecular solvents (SUPRAS) are green, nonvolatile, nonflammable, water-immiscible nanostructured liquid solvents formed in colloidal suspensions of amphiphiles through sequential self-assembly of amphiphilic molecules; thus, their solvent properties can be tuned through proper selection of amphiphiles and the environment for their self-assembly.

Unlike organic solvents and ionic liquids, SUPRAS components arrange in ordered, tunable structures that give them outstanding properties and efficiency and offer mixed-mode mechanisms for solute solubilization. These features endow them with a wide range of applications.

In this Special Issue, all aspects of applications of SUPRAS will be covered, including novel SUPRAS (such as supramolecular deep eutectic solvents) and colloidal, biological, and analytical applications.

Guest Editor

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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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