

Special Issue

Spectroscopic Aspects of Noncovalent Interactions

Message from the Guest Editors

Dear colleagues, The replacement of the bridging H atom in H-bonds by a variety of other, more electronegative, atoms has led to a great deal of accumulating information concerning the related noncovalent bonds, generally known as halogen, chalcogen, pnictogen, and tetrel bonds. The newly acquired information from quantum chemical calculations has a natural overlap with experimental information in the area of spectral data. This Special Issue is dedicated to this overlap with the hope that computational and experimental studies can find a mutual synergy, act as a check on one another, and together provide profound insights into the fundamental nature of all of these interactions.

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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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