

Special Issue

Application of Infrared Spectroscopy for Molecular Structure and Dynamics

Message from the Guest Editor

Infrared spectroscopy has become a powerful tool for studying molecular structures and dynamics, particularly thanks to the development of novel IR spectroscopic methodologies, including nonlinear IR, time-resolved IR, surface-enhanced IR, and particularly 2D IR methods. Structural and dynamic information on condensed-phase molecular systems as well as interface molecular systems has become available. This Special Issue covers topics of frontier infrared spectroscopy and its applications to equilibrium and non-equilibrium molecular structure and dynamics on a wide range of time scales.

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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