

Special Issue

Application of Spectroscopic Sensors in Life Science and Analytical Chemistry

Message from the Guest Editor

This Special Issue highlights recent developments in the field of Raman and infrared spectroscopy for applications in life science and analytical chemistry. Vibrational spectroscopy offers an extremely high chemical selectivity with no need for labeling or extensive sample preparation. Recent developments towards signal enhancement, miniaturization and robustness pave the way for plenty new applications in various interdisciplinary topics. Exciting fields for in-line analysis, point-of-care and onsite application are biomedical diagnostic, environmental monitoring, process analysis, investigation of pharmaceuticals, food analysis, materials development and many others. In order to give an update of recent progresses in technique improvements and new applications, you are kindly invited to submit your original articles or reviews of your work.

Guest Editor

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Deadline for manuscript submissions

closed (31 May 2020)



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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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