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Advances in Detection of Trace Elements by Analytical Spectroscopy

Guest Editor:

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Deadline for manuscript submissions:
closed (30 September 2023)

Message from the Guest Editor

At present techniques for the direct analysis of solid samples are extremely popular: laser ablation (LA) with detection of the emission of the hot ablated material, the combination of LA with the analysis of the ablated material by ICP-MS, the X-ray fluorescence spectroscopy (XRF) of a bulk sample or total reflection XRF.

This Special Issue is devoted to the survey of the modern state of the art of different spectroscopic techniques for the detection of low concentrations or total quantities of analytes in different types of samples. Papers on different sample preparation techniques for the final detection of the analytes by spectroscopic techniques are also welcomed.

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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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