Special Issue

Determination of Trace Elements by Optical Emission Spectrometry

Message from the Guest Editors

No one needs to be convinced of the necessity of monitoring for environmental contamination with heavy metals, food/drug quality control, and trace analysis of many other types of samples. One of the most commonly used methods for these purposes is optical emission spectrometry (OES), and it is hard to overestimate its role in the determination of trace elements. An excitation source that holds a dominant position in OES is inductively coupled plasma (ICP); however, many alternative emission sources have been developed over the last two decades. This Special Issue aims to present the latest developments in the field of trace analysis by optical emission spectrometry. I would like to invite researchers dealing with uncommercial excitation sources as well as with the innovative application of commercially available instruments.

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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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