

Special Issue

Novel Methodologies and Advanced Applications of Electro- and Liquid Phase Separation Techniques

Message from the Guest Editors

Modern separation techniques such as liquid chromatography and capillary electrophoresis have been ongoing in analytical separation sciences for many decades now, offering significant advantages in relation to the analysis of a wide range of solutes from small to very large biomolecules on a molecular level. Electro- and liquid phase separation techniques, including HPLC, UPLC, capillary LC, nano LC, CE, and its various modes, including CEC as well as chip, are extensively used as the most important analytical techniques, especially for MS combined ones. This Special Issue will highlight all improvements in methodologies and advanced applications, including various sample analysis, new columns, instrument hardware, and significant analyses.

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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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