Special Issue

Development and Application of Green or Sustainable Strategies in Analytical Chemistry

Message from the Guest Editor

Almost pioneeringly, in analytical chemistry, we have been talking for some time about “green analytical chemistry”, its guiding principles, and the development of eco-friendly analytical approaches. However, the new and still open challenge is to advance not only in eco-compatibility but mainly in eco-sustainability, rooting the future of analytical chemistry in new paradigms which are founded on Life Cycle Thinking (LCT) and the resulting Life Cycle Assessment (LCA) of activities. This Special Issue aims to collect studies that show the progress in analytical chemistry based on the arguments previously raised and discussed, with a particular reference to eco-compatibility and eco-sustainability. The expected contributions (original research papers and review articles) can include the development of low environmental impact methods and/or techniques or their applications, hyphenated technology, ambient-MS, but also interdisciplinary studies where the role of analytical techniques is well defined. In all the presented studies, it is appreciated that the environmental gain is clearly outlined.

Guest Editor

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Deadline for manuscript submissions

closed (10 December 2022)

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Editor-in-Chief

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