Special Issue

Chemometrics Tools Used in Chemical Detection and Analysis

Message from the Guest Editor

Chemometrics is defined as the application of statistical and mathematical methods to analytical data to permit the maximum collection and extraction of useful information. The utility of chemometric techniques as tools enabling the multidimensional calibration of selected spectroscopic, electrochemical, and chromatographic methods is demonstrated. The uses of this approach, mainly for the interpretation of UV–Vis, near-IR (NIR), or mid-IR (MIR) spectra, as well as for data obtained with other instrumental methods, make identification and the quantitative analysis of active substances in complex mixtures possible. This special Issue aims to share knowledge and experiences in relation to the use and exploration of different and multifaceted chemometric techniques in areas such as chemistry, biochemistry, pharmaceuticals, food, beverages, etc. I, therefore, wish to invite all those interested in publishing their research work or reviews in this Special Issue addressing the most diverse areas of chemometrics.

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Chemosensors continues to grow as a forum for all manners of sensing that encompass chemistry. *Chemosensors* is published in open access format – all articles and content are released on the internet immediately following acceptance, thus allowing unlimited access to the content as soon as it is published. We would be happy to have you join our growing list of authors.

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