Special Issue

Functionalized Materials for Chemosensor Applications

Message from the Guest Editor

The aim of this Special Issue is to review the latest achievements in the functionalization of the sensor materials that result in the improvement of the operational stability, sensitivity, or selectivity of sensor response to specific classes of chemical compounds, both in gas and liquid phases. The examples of sensor selectivity enhancement by the use of functionalization methods and mechanisms of molecular recognition will be reported. The topics to be included in this Special Issue are:

- New materials for chemical sensors
- Ion doping functionalization
- Surface functionalization by covalent bonding
- Surface functionalization by electrostatic binding
- Surface functionalization via polymer films deposition
- Functionalization via nanostructured architecture of sensor materials
- Sensor parameters improvement due to surface functionalization
- Molecular recognition of functionalized sensor materials

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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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