

Special Issue

Biomimetic Sensor Arrays

Message from the Guest Editor

Electronic noses and tongues, analytical devices based on an array of partially selective chemical sensors or biosensors and multivariate data processing tools, are often called biomimetic sensor systems or arrays as their design was inspired by biological sensing systems, primarily olfaction. They became popular analytical instruments during the last two decades and a wide range of applications has been reported, including the classification of samples according to the properties of interest, quantification, process control, and taste and flavour assessment. In order to highlight the recent advances in the development of electronic tongues and noses and their applications, I would like to invite you to consider submitting a manuscript to our upcoming Special Issue, "Biomimetic Sensor Arrays". The aim of this Special Issue is to gather a collection of papers dedicated to all aspects of biomimetic sensor systems, their design and applications with a particular emphasis on novel biomimetic sensing materials.

Guest Editor

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

Editor-in-Chief

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