



Biomimetic Sensor Arrays

Guest Editor:

Dr. Alisa Rudnitskaya

CESAM and Department of
Chemistry, University of Aveiro,
3810-193 Aveiro, Portugal

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Message from the Guest Editor

Dear Colleagues,

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.

Dr. Alisa Rudnitskaya
Guest Editor





sensors



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Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria
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(Department of Electrical and
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Orabona n. 4, 70125 Bari, Italy

Message from the Editor-in-Chief

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Sensors Editorial Office
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