Special Issue

Nanomaterials-Based Membrane Sensors

Message from the Guest Editor

Electrochemical sensors made using nanomaterials are recently emerging as the most popular type of sensors. These sensors have attracted a great deal of attention in chemical, pharmaceutical and biological studies due to their high sensitivity, simplicity and reliability. By using nanomaterials, it has become possible to develop and manufacture membrane-based sensors on a very small scale, allowing measurements to be made using a contact method in a very small amount of solution. As a rule, such sensors can be easily miniaturized, are flexible and have various shapes. Nanomaterial-based sensors are essential to current advances in analytical sciences, which are leading to the production of complete maintenance-free, durable and reliable ion sensors. This Special Issue, entitled “Nanomaterials-Based Membrane Sensors”, aims to highlight state-of-the-art developments in the field of potentiometric and voltametric sensors, involving both the design and application of sensors in various analytical tasks (e.g., environmental control, food analysis, agriculture, pharmaceuticals and medical applications).

Guest Editor

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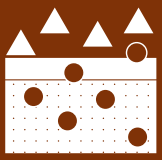

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Message from the Editor-in-Chief

You are cordially invited to contribute a research article or a comprehensive review for consideration and publication in *Membranes* (ISSN 2077-0375). *Membranes* is an international, peer-reviewed open accessjournal of membrane technology published monthly online by MDPI. The journal covers the broad aspects of the science and technology of both biological and non-biological membranes, including membrane dynamics and the preparation and characterization of membranes and their applications in water, environment, energy, and food industries. Articles contributing to better understanding of transport processes in all types of membranes are also welcome. The scientific community and the general public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

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