Topical Collection

pH Sensors, Biosensors and Systems

Message from the Collection Editors

Although paper test strips and glass electrodes are the most common pH sensors, many studies have focused on developing less fragile, miniaturized, and biocompatible sensors with higher sensitivity. The pH value can be measured through various approaches and materials, such as electrochemical and optical sensors, ion-selective field effect transistors (ISFETs), quantum dots, 2D materials, and organic compounds. The aim of this Special Issue is to collect the latest findings in the sensors, biosensors, and systems, including mathematical approaches and machine learning techniques, for the measurement of pH.

- pH sensors
- pH biosensors
- Chemical sensors
- Optical sensors
- Electrochemical sensors
- Sensing materials (e.g., 2D, organic, inorganic compounds)
- Transistors
- pH sensing principles
- Machine learning and deep learning

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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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