Special Issue

Microsensors for Water Monitoring

Message from the Guest Editor

Expansion of the sensor technology for multi-application (e.g., water quality sensors for phosphate, VOC, sulfide and chloramine, emerging contaminants, heavy metal, and free chlorine analysis; biosensors for pathogenetic bacteria, algal bloom and bacteria community; and hydroxylamine sensors for nitrogen cycling), and for portable device platforms using universal wireless electrochemical detector (UWED) technology for field applications are needed for further research. The aim of this Special Issue is to cover microsensor applications in water monitoring via sensor fabrication, chemistry, biotechnology, public health, and environmental monitoring. We invite full research papers, review articles and communications covering related topics included in the keywords below. We would like to collect up-to-date research from emerging investigators and pioneers and a collection of comprehensive reviews from leading experts in the field.

- microsensor
- biosensor
- sensor fabrication and application
- water quality
- in-situ analysis

Guest Editor

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Message from the Editor-in-Chief

You are invited to contribute research articles or comprehensive reviews for consideration and publication in *Micromachines* (ISSN 2072-666X). *Micromachines* is published in the open access format. Research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the general public have unlimited free access to the content as soon as it is published. As an open access journal, *Micromachines* is supported by the authors or their institutes by payment of article processing charges (APC) for accepted papers. We are pleased to welcome you as our authors.

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