

## Special Issue

# Design and Applications of Novel Chemical Sensors for Environmental and Biological Relevance

### Message from the Guest Editor

Chemical sensors are widely used for the detection and assessment of environmental and biological relevance. This Special Issue will host discussions of the design, development, and application of environmental chemical sensors and biosensors in order to determine environmental and biological relevance. The application of technologies for use in new nano-structured composite materials and their micro-fabrication and micro-chips will play a leading role in the development of such sensors. We welcome articles addressing the rational assembly of dynamic macromolecules, biocomponent stability, DNA-based biosensors, molecular beacons, electronic nose, multianalyte transducers, sensor systems and others technologies as tools for environmental monitoring.

### Guest Editor

Prof. Dr. Guiyin Li

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### Deadline for manuscript submissions

closed (1 April 2025)



## Molecules

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## About the Journal

### Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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### Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

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