

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

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Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 29th 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 all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

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