



Polymer Based Chemosensors

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Deadline for manuscript
submissions:
closed (20 October 2022)

Message from the Guest Editors

Polymer-based chemical sensors for detecting analytes in gas and liquid environments are very promising for many applications, including environmental monitoring, automotive, medicine, safety, and other purposes in industry and everyday life. In this Special Issue, we would like to focus on chemical sensors, in which polymers are used as the receptor materials or play a key role in sensing. Different kinds of sensors, such as: chemiresistors, chemFETs, electrochemical, optical, and mass-sensitive sensors will be appropriate here. Any types of polymers including conventional polymers, conductive polymers, biopolymers, and their composites will be considered. Investigations on functionalization methods, which lead to the improvement of sensing properties of polymeric receptor materials, are highly desirable. All analytical works on the sensing mechanisms of polymer-based chemosensors are also welcome. Both original research papers and review articles will be considered for publication.

For more information, check out [here](#).



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Special Issue



chemo

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Guest Editors

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Message from the Editorial Board

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