



Optical and Electrical Nanostructured Sensors for Biochemical, Food and Environmental Applications

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Message from the Guest Editors

Dear Colleagues,

Thanks to the possibility of nanostructuring materials, we can make sensors and devices compact, with reduced dimensionality and above all with new functionalities. Nanostructuring enhances the characteristics of sensors, such as sensitivity, resolution, response speed, and much more. The progress of micro and nanotechnologies has permitted the realization of entirely new platforms such as Lab-on-Chip and Lab-on-Fiber, which represent miniaturized laboratories on planar substrates or even on optical fibers, which can be employed in real scenarios. These innovative sensors have outclassed traditional sensors in almost all fields of application. In this Special Issue, we would like to focus on biomedical, food, and environmental detection and monitoring. We are glad to receive theoretical and experimental works in the form of original articles or review papers.

Deadline for manuscript
submissions:
closed (31 December 2023)





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Message from the Editor-in-Chief

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