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DNA-Based Sensors for Single-Molecule Biology

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Deadline for manuscript
submissions:

closed (31 January 2021)

Message from the Guest Editors

In this special issue, we will feature the most recent progress in this field, from modelling and simulation studies to the development of new constructs of DNA-based sensors, as well as new experimental methods using these sensors for imaging and detection.

Potential topics include but are not limited to the following:

- Cellular processes sensing (e.g., metabolite, tension, signalling);
- DNA origami and supramolecular assembly;
- Single-molecule and super-resolution imaging;
- Single-molecule force spectroscopy;
- Imaging technique and method development;
- Modelling and simulation;
- Theoretical sensing strategy.



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Special Issue



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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

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