

# Special Issue

## Refractive Index Sensors

### Message from the Guest Editor

Refractive index sensing represents a starting point for new photonic applications as well as a self-standing research area leading to innovative instrumental configurations and/or new sets of data relative to still unexplored materials. The objective of this Special Issue is to present significant work in the field of refractive index sensors: authors from academia and industry are kindly invited to share their research innovations in this field. We welcome review articles and original research papers aiming to the related key issues of basic research, device development, system integration and data processing. The topics of interest include, but are not limited to:

- Innovative configuration for refractive index sensors
- Fibre optic sensors for refractive index measurements
- Refractive index sensing for environmental monitoring
- New biomedical applications of refractive index sensing
- Refractive index sensing in microfluidic devices

[https://www.mdpi.com/journal/sensors/special\\_issues/Refractive\\_index\\_sensors](https://www.mdpi.com/journal/sensors/special_issues/Refractive_index_sensors)

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### Deadline for manuscript submissions

closed (15 January 2020)



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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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