

## Special Issue

# Biomedical Imaging and Sensing

### Message from the Guest Editors

To bring different facets of health monitoring together, papers reporting novel imaging and/or sensing methods with pre-clinical/clinical applications are invited for submission to this Special Issue. The core themes of this topic include, but are not limited to:

- Advances in biomedical optical imaging/sensing, including but not limited to diffuse optical spectroscopy, near infrared spectroscopy, diffuse correlation spectroscopy, spatial frequency domain imaging, diffuse optical imaging, optical coherence tomography, photoacoustic imaging, microscopy, optical fibers and sensors, etc.
- Advances in image analysis for disease detection and/or monitoring, including, but not limited to, MRI, X-ray, PET, ultrasound, etc.
- Advances in multimodal systems for diagnosis, treatment, and/or prevention.
- Pre-clinical and clinical applications of novel biomedical sensing technologies, including but not limited to cardiovascular and cardiopulmonary, neurovascular, critical care, sepsis, home monitoring, aging, etc.
- Machine learning methods for biomedical image and signal analysis.

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### Guest Editors

Prof. Dr. Alexander Wong

Prof. Richard L. Hughson

Dr. Robert Amelard

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### Deadline for manuscript submissions

closed (31 December 2019)



## Sensors

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**Impact Factor 3.5**  
**CiteScore 8.2**  
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## About the Journal

### 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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### Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

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