

## Special Issue

# Image Analysis and Biomedical Sensors

### Message from the Guest Editors

Recent advances on medical image analysis, mostly driven by deep learning developments, have shown a great impact on improving the current state of the art on disease detection, diagnosis, monitoring and prognosis, both on pre-clinical and clinical scenarios. The core themes of this Special Issue include, but are not limited to:

- Advances in image analysis for disease detection, diagnosis and/or monitoring, including, but not limited to MRI, X-ray, PET, ultrasound, etc.
- Advances in multimodal systems for diagnosis, prognosis, treatment, and/or prevention.
- Pre-clinical, clinical, and in silico (virtual clinical trials) applications of novel image analysis and/or biomedical sensing technologies, including but not limited to cancer imaging, neuroimaging, cardiothoracic imaging, aging, etc.
- Artificial intelligence and machine learning methods for biomedical image and signal analysis.

#### Keywords:

- medical image analysis
- biomedical sensors
- clinical and virtual clinical trials
- machine learning
- artificial intelligence

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### Guest Editors

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### Deadline for manuscript submissions

closed (30 November 2024)



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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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