



Biomedical Imaging and Sensing

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Deadline for manuscript
submissions:

closed (31 December 2019)

Message from the Guest Editors

Dear Colleagues,

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.





sensors



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Message from the Editor-in-Chief

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