

## Special Issue

# Advances in Biomedical Sensing Technologies for Assistive Robotics

### Message from the Guest Editor

Assistive robotics is rapidly transforming biomedical engineering by enhancing diagnosis, rehabilitation, mobility, physical performance, and quality of life for individuals with disabilities, age-related impairments, and sports-related injuries. Advances in sensor technologies, artificial intelligence (AI), soft robotics, wearable systems, and human-machine interfaces have enabled the development of intelligent, adaptive, and user-centered robotic solutions for clinical and healthcare-related applications. This Special Issue, "Advances in Biomedical Sensing Technologies for Assistive Robotics", highlights cutting-edge research on advanced sensor design, multimodal sensing integration, machine learning for intelligent perception and intention recognition, and data-driven methodologies for safer, more efficient, and personalized assistive and performance-enhancing robotic systems.

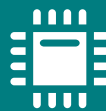
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### Deadline for manuscript submissions

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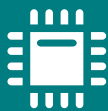


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### Editor-in-Chief

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