

Special Issue

Emerging Technologies for Assistive Robotics: Current Challenges and Future Perspectives

Message from the Guest Editors

We are excited to announce a new Special Issue entitled "Emerging Technologies for Assistive Robotics: Current Challenges and Future Perspectives". This Special Issue aims to gather innovative research regarding the rapid evolution of assistive robotics, a field that could transform the lives of individuals with disabilities or special needs. We welcome submissions from researchers, engineers, and practitioners across various disciplines, including robotics, artificial intelligence, biotechnology, and healthcare. We are particularly interested in articles that explore the latest technological advancements in assistive robotics, such as exoskeletons, wearable devices, and autonomous assistants, as well as their potential applications in daily living, rehabilitation, and elderly care. In addition to showcasing groundbreaking research, we encourage contributors to critically analyze the current challenges faced by the field, including technical limitations, ethical considerations, and societal barriers. We also welcome discussions concerning innovative solutions that could overcome these challenges and promote the development of more inclusive and accessible robotics.

Guest Editors

Dr. Wujing Cao

Prof. Dr. Qiaoling Meng

Prof. Dr. Jian Li

Prof. Dr. Chi Zhu

Deadline for manuscript submissions

closed (15 August 2025)



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About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

Editor-in-Chief

Prof. Dr. Flavio Canavero

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