

## Special Issue

# Recent Advanced Applications of Rehabilitation and Medical Robotics

### Message from the Guest Editors

Recently, advances in the applications of rehabilitation and medical robots have led to powerful insights about the nature of understanding and augmenting rehabilitation and medical treatments. However, new and challenging theoretical and technological problems are being posed. One can apply state-of-the-art robotic technologies in different ways, including robot-assisted surgery, upper and lower limb rehabilitation, cognitive computation, behavioural intelligence and statistics. Such convergence of interests is encouraging, but few researchers in this active area communicate across disciplinary boundaries, and even fewer are skilled in the 'language' and techniques of more than one approach. With this new era of rehabilitation and medical robotics, much research is needed in order to continue to advance the field and also to evaluate the multidisciplinary concerns of the existing robotics and learning techniques. The main aim of this Special Issue is to seek high-quality submissions that highlight emerging applications and address recent breakthroughs in medical and rehabilitation robotics.

### Guest Editors

Prof. Dr. Pengcheng Liu

Prof. Dr. Guibin Bian

Dr. Anwar P.P. Abdul Majeed

Prof. Dr. Ahmad Athif

### Deadline for manuscript submissions

closed (31 October 2022)



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### 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 guest-edited by leading experts in selected topics of interest.

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### Editor-in-Chief

Prof. Dr. Flavio Canavero

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