

Special Issue

Robotic Assisted Rehabilitation and Therapy

Message from the Guest Editors

The number of people with congenital and/or acquired disabilities are quickly increasing, and therefore there are many dependents who lack the necessary autonomy for a fully independent life. In addition, the functional recovery of these disabled people is variable and specific to each patient and depends on the seriousness of the injury and the type of pathology. These issues have motivated the scientific community to provide new research and development in complementary tools to increase the effectiveness and adaptability of conventional rehabilitation therapy.

This Special Issue is focused on breakthrough developments in the field of robotic devices for assisted rehabilitation therapy as well as biosensors applied in the assessment of function recovery during patient therapy. Papers should address innovative robotic solutions for assistance and rehabilitation of impaired people combined with the acquisition of biomechanical or cognitive information using a variety of techniques, including electrophysiology, computer vision and motion tracking. Both review articles and original research papers are encouraged.

Guest Editors

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Editor-in-Chief

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