



Robotic and Sensor Technology for Upper Limb Rehabilitation

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Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to cover all these aspects, with a special focus on improvements in mechanical design and control of robotic devices, robotic assessment of sensorimotor function, neurophysiological mechanisms implied in robotic rehabilitation, and translational research of efficacy and/or cost-effectiveness of robotic rehabilitation.

Keywords

- Rehabilitation robotics
- Robotic assessment
- Robot-assisted therapy
- Robot design
- Robot control
- Robot-aided cognitive rehabilitation
- Robotics for neurorehabilitation
- Brain–machine interface in neurorehabilitation
- Neurological rehabilitation
- Neural processes of rehabilitation
- Rehabilitation neurophysiology
- Stroke rehabilitation
- Computational neurorehabilitation





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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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