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Rehabilitation Robots and Sensors

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Message from the Guest Editors

Rehabilitation using high technology digital devices is a leading-edge advance in rehabilitation medicine. Using robot-assisted fatigue-free training, we can provide optimal task-specific, goal-oriented, and intense motor training. Robots can also be used for motor assistance and compensate for the impaired function as a type of orthosis or assistive device. Digital sensors can assess the function of the patients more quantitatively as well.

It is still hard to satisfy both functionality and adoptability for innovative technologies, including rehabilitation robotics and sensor technologies. Many engineers and clinicians are working hard to push it to a feasible and affordable level. The scope of this Special Issue will cover innovative high technologies concerning robots and sensors that effectively complement standard rehabilitation.



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Special Issue



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Message from the Editor-in-Chief

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