Special Issue

Advances in Neurorrehabilitation: VR, Noninvasive Neuromodulation, Movement Representation Strategies and Robotic Assist Devices

Message from the Guest Editors

Neurorehabilitation concerns multidisciplinary strategies to minimize or compensate for any functional alterations produced by injury, degeneration, or malfunction of the nervous system in order to regain independence and increase the quality of life of affected subjects. The development of new techniques and solutions to rehabilitate patients suffering motor or sensitive symptoms reduces the need for continuous healthcare and social assistance, which represent a great social and economic burden in every society. New circumstances have prompted the clinical use of telerehabilitation and robotic-assisted rehabilitation as well as renewed interest in techniques such as movement representation strategies, action observation, and noninvasive neuromodulation, which do not always need to be performed in a hospital setting. We encourage you to submit your articles reporting on this topic. Original articles, project protocols, or case reports dealing with strategies or devices for cognitive, motor, or sensorial rehabilitation are welcome, as are articles providing an up-to-date overview of the use of already available strategies or devices used for 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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