Special Issue

The Application of EEG in Neurorehabilitation

Message from the Guest Editor

The integration of electroencephalography (EEG) into neurorehabilitation practices has emerged as a promising avenue for enhancing our understanding of brain function and facilitating recovery following neurological injury or disease. This special topic edition of *Brain Sciences* explores the diverse applications of EEG in neurorehabilitation, exploring its role in assessing neural plasticity, guiding personalized treatment strategies, monitoring therapeutic interventions and developing EEG-based brain–computer interfaces. Through a collection of scholarly articles, this volume aims to illuminate the latest advancements, challenges and future directions in the use of EEG technologies to optimize rehabilitation outcomes and promote neurological recovery.

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