Special Issue

Brain – Computer Interfaces: Challenges and Applications

Message from the Guest Editor

Brain–computer Interfaces emerged a five decades ago as a new communication technology to permit subjects with severe neuromuscular disorders to communicate and interact with the outer world. The rapid development of wireless technology opened the door for out-of-the-lab applications, such as in the field of entertainment, industry, marketing, and education. More and more new applications of brain-computer technology are emerging, including the Internet of Things. This Special Issue will explore the advances, challenges, and future prospects of both non-invasive and invasive Brain–Computer Interfaces technology. The scope of the release includes, among others: BCI Technology, Analysis of biomedical signals, Modeling – Neuroinformatics, Biomedical Engineering, Control and Robotics, Computer Engineering, Cognitive science – Bioethics, Neurobiology – Neurosurgery, Neurorehabilitation – Biofeedback, Biophysics – Biochemistry.

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Message from the Editor-in-Chief

NeuroSci (ISSN 2673-4087) is an international, peer-reviewed open access journal focusing on neurology and neuroscience. The journal publishes comprehensive reviews, original research papers and high-quality communications. Our aim is to encourage scientists to publish their novel findings and concepts in fundamental and clinical neuroscience as much detail as possible. We invite you to read recent articles published in *NeuroSci* and consider publishing your next paper with us.

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