Special Issue

Advances in Neurofeedback Research

Message from the Guest Editor

Neurofeedback, also known as brain biofeedback, has a long history dating back to the beginnings of cognitive psychology. As a field, it has seen considerable evolution in the applied clinical domain, where it is referred to as neurotherapy, and in the domain of technological communication systems, where brain–computer interfaces involve neurofeedback and machine learning. Whereas most of the literature on neurofeedback focuses on electroencephalography (EEG) as the source of brain signals, other modalities, such as blood-oxygenation-level-dependent (BOLD) signals, have been used successfully. There are differences in methods and research questions between EEG- and BOLD-based neurofeedback. In addition, theoretical advances are influencing research methods and the neurofeedback applications. The aim of this Special Issue is to solicit original research articles as well as review articles that showcase the breadth of depth of cutting-edge research into neurofeedback

Guest Editor

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You are invited to contribute a research article or a comprehensive review for consideration and publication in *Brain Sciences* (ISSN 2076-3425). *Brain Sciences* is an open access, peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications on neuroscience. The scientific community and the general public can access the content free of charge as soon as it is published.

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