

Special Issue

New Advances in Neuroimaging and Brain Functions: 2nd Edition

Message from the Guest Editors

Over the past few decades, neuroimaging has become a powerful tool for studying brain function in basic and clinical research. The ever-changing technologies for brain activity detection and simulation make it possible to study the brain mechanisms of human mental activities. Brain imaging research enables social neuroscience and neuromarketing related to humanities and social sciences to combine with brain science to explore human behavior. This Special Issue welcomes the submissions on new advances in neuroimaging and brain function in neurological disease research, humanities, and social sciences. We welcome research on the following three aspects: (1) EEG, MRI, and MEG to observe brain activity changes, supplemented by other noninvasive methods including eye-tracking, NIRS, and face readers to analyze human responses; (2) various tools for brain dysfunction and rehabilitation, including new treatments for noninvasive methods, such as transcranial magnetic stimulation, transcranial electrical stimulation, and focused ultrasound; (3) development of AI deep learning in image recognition and neural signals to evaluate brain structure, connectivity, and neural network function.

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Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

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