Special Issue

Cortical Connectivity Pattern: Neuroimaging Advances with MRI

Message from the Guest Editors

In recent years, advances in functional magnetic resonance imaging (fMRI) have made mapping brain connectivity possible. While existing studies mostly investigate the spatial patterns of human cortical connectivity, temporal or spatiotemporal integrative patterns of connectivity have been overlooked. In this Special Issue, we aim to present various aspects of cortical connectivity in terms of their temporal or spatiotemporal patterns at different scales. Innovative research is expected to improve understanding of the mechanisms involved in brain and brain-mind associations through multimodal fMRI technologies.

Authors are invited to submit cutting-edge research and reviews that address a broad range of topics related to cortical connectivity patterns (CCP), including the following: CCP methodology (preferable that is reproducible), CCP across different stages of the human lifespan, CCP under clinical conditions, and other individual differences in CCP.

Guest Editors

Prof. Dr. Xi-Nian Zuo IDG/McGovern Institute for Brain Research, Beijing Normal University, Beijing 100875, China

Prof. Dr. Hui-Jie Li

Institute of Psychology, Chinese Academy of Sciences, Beijing 100101, China

Deadline for manuscript submissions

closed (20 September 2022)



Brain Sciences

an Open Access Journal by MDPI

Impact Factor 2.8 CiteScore 5.6 Indexed in PubMed



mdpi.com/si/95089

Brain Sciences Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 brainsci@mdpi.com

mdpi.com/journal/ brainsci





Brain Sciences

an Open Access Journal by MDPI

Impact Factor 2.8 CiteScore 5.6 Indexed in PubMed



brainsci



About the Journal

Message from the Editor-in-Chief

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.

Editor-in-Chief

Prof. Dr. Stephen D. Meriney Department of Neuroscience, University of Pittsburgh, Pittsburgh, PA 15260, USA

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, PSYNDEX, PsycInfo, CAPlus / SciFinder, and other databases.

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.2 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the first half of 2025).

Recognition of Reviewers:

reviewers who provide timely, thorough peer-review reports receive vouchers entitling them to a discount on the APC of their next publication in any MDPI journal, in appreciation of the work done.