

Special Issue

Cognitive Dysfunction Induced by Sleep Deprivation

Message from the Guest Editors

"Why do we spend nearly a third of our day in sleep? Would more meaningful tasks be accomplished if one were awake at all times?" Questions such as these often plague us, and as research continues to be conducted on sleep, we are coming to realize that it is essential for physical and mental health, and that sleep deprivation may cause disruptions in brain function, leading to decreased cognitive regulation. This Special Issue of *Brain Sciences* focuses on the latest advances in understanding how sleep deprivation affects cognition. This Special Issue welcomes original research, clinical studies and review articles to help us further understand the effects of sleep deprivation on cognitive function and cognitive domains that include, but are not limited to, memory, attention, consciousness, executive functions, motivation, sensation and perception. We hope this topic will bring together those who are working in sleep medicine and will be beneficial for both clinicians and scientists.

Guest Editors

Dr. Yongcong Shao

1. School of Psychology, Beijing Sport University, Beijing, China
2. Suzhou Institute of Biomedical Engineering and Technology, Chinese Academy of Science, Suzhou, China

Dr. Xu Lei

1. Sleep and NeuroImaging Center, Faculty of Psychology, Southwest University, Chongqing 400715, China
2. Key Laboratory of Cognition and Personality (Southwest University), Ministry of Education, Chongqing 400715, China

Deadline for manuscript submissions

closed (10 February 2024)



Brain Sciences

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.6
Indexed in PubMed



mdpi.com/si/171023

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

[mdpi.com/journal/
brainsci](https://mdpi.com/journal/brainsci)





Brain Sciences

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.6
Indexed in PubMed



[mdpi.com/journal/
brainsci](https://mdpi.com/journal/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, PSYINDEX, PsycInfo, CAPlus / SciFinder, and other databases.

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.6 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the second 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.