brain sciences

IMPACT FACTOR 3.3

Indexed in: PubMed

CITESCORE 3.9

an Open Access Journal by MDPI

Neural Basis of Executive Control

Guest Editor:

Dr. Aaron Buss
Department of Psychology, The University of Tennessee, Knoxville, TN 37996, USA

Deadline for manuscript submissions:
closed (25 June 2023)

Message from the Guest Editor

Dear Colleagues,

Executive function refers to a wide range of cognitive skills that are involved in goal-directed behavior. Executive function plays an important role in both the development of cognitive skills in early childhood and the decline in cognitive function with aging. The importance of executive function across the lifespan highlights the need for a principled understanding of the underlying neural mechanisms. Research on the neural basis of executive function has made significant progress in recent years due to advancements in neuroimaging technologies, analytical methods, and computational approaches. The goal of this Special Issue is to highlight cutting-edge research on the neural mechanisms and neural dynamics that give rise to executive function. We invite research from a wide range of neural measurements, computational approaches, time scales, and tasks.

Dr. Aaron Buss
Guest Editor

brain sciences

IMPACT FACTOR 3.3 | Indexed in: PubMed | CITESCORE 3.9

an Open Access Journal by MDPI

Editor-in-Chief

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

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, PSYNDEX, CAPlus / SciFinder, and other databases.
Rapid Publication: manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.6 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 2023).

Contact Us

Brain Sciences Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/brainsci
brainsci@mdpi.com
𝕏@BrainSci_MDPI