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Neuroimaging



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Message from the Editors-in-Chief

Neuroimaging aims to provide a forum for scientists to exchange perspectives on the progress and future trends in neuroimaging, while promoting technological innovation and accelerating clinical transformation and applications. The scope of *Neuroimaging* encompasses a broad and ever-expanding range of topics within the field. From the development of novel imaging modalities and real-time dynamic imaging techniques to the integration of multimodal data for more comprehensive brain analyses, we strive to highlight advancements that not only deepen our understanding of brain function but also offer tangible applications for clinical settings.
We invite scientists, clinicians, and technologists to join us on this journey. Whether through publishing original research, sharing fresh perspectives, or engaging in discussions about the future of neuroimaging, your contributions are essential to advancing the field.

Editors-in-Chief
Prof. Dr. Miriam H. A. Bopp
Prof. Dr. Christopher Nimsky

Aims

Neuroimaging (ISSN 3042-8807) is an international, peer-reviewed, open access journal dedicated to research regarding multimodal structural, functional, and metabolic imaging of the nervous system. This journal focuses on publishing research papers (original articles), reviews, technical notes, and communications on topics related to the field of neuroimaging; other article types will also be considered.
Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. Full experimental details must be provided so that the results can be reproduced. There are, therefore, no restrictions on the maximum length of papers. Electronic files containing the extended details of computational, statistical, or experimental procedures, if too lengthy for inclusion in the body of the manuscript, can be submitted as supplementary material.

Scope

Neuroimaging aims to provide a forum for scientists to exchange perspectives on the progress and future trends in neuroimaging, while promoting technological innovation and accelerating clinical transformation and applications. Topics of interest include (but are not limited to) the following:

- Development of new imaging technologies and tools;
- Real-time dynamic imaging technology;
- Innovation of neuroimaging technology;
- Multimodal neuroimaging integration and analysis;
- Dynamic modeling of brain networks;
- Neuroimaging big data and cloud computing;
- Machine learning and artificial intelligence in neuroimaging;
- Quantitative and reproducible neuroimaging methods;
- Open science and data sharing in neuroimaging research;
- Imaging genetics and multi-omics integration;
- Neuroimaging biomarkers;
- Cognitive and behavioral neuroimaging;
- Translational and preclinical neuroimaging;
- Brain connectivity and network mapping;
- Comprehensive application of neuroscience and computer science;
- Neurodata privacy and data security;
- Combination of neuroimaging ethics and technology;
- Ethical and societal implications of advanced neuroimaging.

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