**DESCRIPTION**

**Announcement:** From January 2020 *Neuroimage* is an open access journal. Authors who publish in *Neuroimage* will be able make their work immediately, permanently, and freely accessible.

*Neuroimage* continues with the same aims and scope, editorial team, submission system and rigorous peer review.

*Neuroimage* authors will pay an article publishing charge (APC), have a choice of license options, and retain copyright to their published work. The APC will be requested after peer review and acceptance and will be required for all accepted articles submitted after the 13th of October 2019. The APC for *Neuroimage* will be US$ 3000 (excluding taxes).

**Please note:** Authors who have submitted papers before the 13th of October 2019 will have their accepted paper published in *Neuroimage* at no charge. Authors submitting papers after this date will be requested to pay the APC. For full information on publishing your paper open access in *Neuroimage*, visit the journal’s guide for authors, or visit our FAQs page.

*NeuroImage*, a Journal of Brain Function, provides a vehicle for communicating important advances in the use of neuroimaging to study structure-function and brain-behavior relationships. Though the emphasis is on the macroscopic level of human brain organization, meso- and microscopic neuroimaging across all species will be considered if they provide advances that are of relevance to a systems-level understanding of the human brain.

The main criterion on which papers are judged for *NeuroImage*, is to what extent the scientific contribution helps advance our understanding of brain function, organization, and structure. *NeuroImage*, also welcomes papers that explicitly address these questions in animal models or clinical populations. Papers that do not contain significant methodological development, and whose major contribution is to use imaging to advance the understanding of pathology, abnormal development, use of biomarkers or other questions of clinical utility should be referred to *NeuroImage: Clinical*.

*NeuroImage*, publishes original research articles, papers on methods, models of brain function, as well as positions on contentious issues. The journal strives to incorporate theoretical and technological innovations and is committed to publishing the highest quality papers in both print and electronic media. The editors and the editorial board members come from highly diverse specialties, reflecting the fact that imaging neuroscience is a multi-disciplinary science.
Submitted papers will generally be considered under eight general themes. However, papers with the above criteria that do not easily fit into any of the below themes will also be handled by an editor with the appropriate expertise.

- Analysis Methods
- Functional MRI Acquisition and Physics
- Computational Modeling and Analysis
- Anatomy and Physiology
- Cognition and Aging
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NeuroImage has two open access companion titles: NeuroImage: Clinical NeuroImage: Reports

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NeuroImage encourages submission of Toolbox and Software papers. Such manuscripts should report novel and comprehensive software developments of relevance and significance to the field. Toolbox and Software manuscripts should identify the problem addressed, the computational architecture of the software, and its utility. Similarities and differences (and pros and cons) with respect to existing software/toolboxes should be described, both with respect to the underlying algorithms and the practicalities of usage. The use of the software should be clearly illustrated through application to meaningful real data. Underlying algorithms not previously published and validated should be validated. Manuscripts that report software of very narrow functionality, minor plug-ins for existing toolboxes and extensions of existing algorithms of limited breadth are unlikely to be selected for peer review. Toolboxes that make use of other existing neuroimaging software must be highly transparent about citing this, both in the paper, and when being used. The software should be available for use by the scientific community, ideally including source code for scientific transparency. This needs to be
available at the time of submission, so that Reviewers can test the software and potentially inspect the code. Sample data should be made available, sufficient for replication of all demonstrations of the software that are provided within the manuscript.

**NEW! Registered reports**

**NEW! Registered reports** (click here for more details). These submissions undergo a two-phase review process in which study rationale and methodology are considered prior to the research being undertaken.

**Technical Notes**

Technical notes are brief reports that focus on specific methodological developments of an experimental, computational or analytic nature. They should be concise, focused on a specific technical issue and brief (~3000 words and 5 or fewer figures). Nonetheless they should report an innovative technical development of broad significance to the neuroimaging community. Technical notes should include empirical testing or validation of the core technique.

If this technical note focuses exclusively on the communication of a toolbox or software development, then it should be submitted as a Toolbox paper for which code and sample data availability are a prerequisite at the time of submission (see above). Papers of a software/toolbox nature but submitted as a technical note without code and sample data will be triaged without peer review.

**EDITORIAL AND PEER REVIEW PROCESS**

**Peer review**

This journal operates a single blind review process. All contributions will be initially assessed by the Editor for suitability for the journal. Papers deemed suitable are then typically sent to a minimum of two (and usually three) independent expert Reviewers to assess the scientific quality of the paper. The Editor is responsible for the final decision regarding acceptance or rejection of articles. The Editor's decision is final. More information on types of peer review.

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NeuroImage is a member of the Neuroscience Peer Review Consortium (NPRC). The NPRC has been formed to reduce the time expended and, in particular, the duplication of effort by, and associated burden on Reviewers involved in the peer review of original neuroscience research papers. It is an alliance of neuroscience journals that have agreed to accept manuscript reviews from other Consortium journals. By reducing the number of times that a manuscript is reviewed, the Consortium aims to reduce the load on Reviewers and Editors and speed the publication of research results.

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