

Special Issue

Visual Motion Processing

Message from the Guest Editor

For this Special Issue on “Visual Motion Processing”, we invite a broad mixture of original and review articles aimed at understanding the neural mechanisms of visual motion processing and visual motion perception. Suggested topics could include, but are not limited to:

- Linking neural mechanisms of motion processing and behavior.
- Cross-species comparisons of motion processing mechanisms.
- Multimodal motion perception (e.g., audiovisual, vestibulovisual).
- Motion processing and perception in health and disease.
- Motion processing in depth.
- Motion adaptation mechanisms.
- Contextual influences on motion processing and perception.
- The cortical and subcortical organization of motion processing mechanisms.
- Computational models of motion processing.
- The relation between object/shape processing and motion processing (e.g., structure from motion, motion from structure, perceptual binding, biological motion, implied motion).
- Conscious and unconscious contributions to motion processing.
- Reference frames for visual motion perception.

Guest Editor

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Deadline for manuscript submissions

closed (15 January 2019)



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About the Journal

Message from the Editor-in-Chief

Vision research has developed tremendously over the last years and has been well served by some of the available journals. We feel that a new journal, with no historical or societal affiliations, offers a chance for a broad interdisciplinary coverage and a means of highlighting the increasing number of interesting results and ideas. We are therefore convinced that the launch of a truly interdisciplinary journal in the area of vision science is worthwhile, timely and necessary. *Vision* is a journal for, and by, all vision scientists, committed to the advancement of their field of interest.

Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 22.7 days after submission; acceptance to publication is undertaken in 4.7 days (median values for papers published in this journal in the second half of 2025).

