

Special Issue

Pupillometry

Message from the Guest Editor

Although pioneering work on relationships between psychological factors and changes in the size of the eye pupil appeared more than half a century ago, with notable contributions by Daniel Kahneman, Eckhard Hess, and James Polt, recent decades have witnessed a dramatic increase in the application of pupillometry to a wide variety of research questions. We invite contributions to a Special Issue of *Vision* on this topic. Contributions focusing on any aspect of pupillometry will be welcome, including papers concerned with clinical, applied, methodological, and theoretical issues. This may include papers which consider:

- The role of pupillometry in clinical fields such as neurology, optometry, and audiology;
- Use of pupillometry for assessment of alertness and task engagement in applied settings;
- Methodological issues in the pupil size measurement dynamics;
- Neural mechanisms of pupil size control;
- Relationships between neurocognitive mechanisms (perception, attention, task engagement, mental imagery, emotion, and memory) and changes in pupil size.

Guest Editor

Prof. Dr. Anthony James Lambert

School of Psychology and Centre for Brain Research, University of Auckland, Private Bag 92019, Auckland 1142, New Zealand

Deadline for manuscript submissions

closed (30 September 2023)



Vision

an Open Access Journal
by MDPI

Impact Factor 1.8
CiteScore 2.9
Indexed in PubMed



mdpi.com/si/126091

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

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





Vision

an Open Access Journal
by MDPI

Impact Factor 1.8
CiteScore 2.9
Indexed in PubMed



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



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

Prof. Dr. Andrew Parker

Department of Physiology, Anatomy and Genetics, University of Oxford,
Oxford OX1 3PT, UK

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within ESCI (Web of Science), Scopus, PubMed, PMC, and other databases.

Rapid Publication:

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).