

Special Issue

Novel Techniques and Applications of Ophthalmic Optics

Message from the Guest Editors

Advances and innovations in ophthalmic optics technology have greatly changed our perception of the outside world and our understanding of our sensory system. It has played critical roles in diverse fields, from fundamental and exploratory research in vision science and molecular biology to applications in medicine and healthcare for vision restoration and gene therapy, even offering new possibilities for psychotherapy and entertainment. To increase the impact of this unique realm in biomedical optics, we are pleased to launch this Special Issue to bring together leading experts and communicate the recent advances, current challenges, and prospects of ophthalmic optics techniques and applications. Original research articles and review articles are both welcome. Topics of this Special Issue include, but are not limited to, the following areas:

- Ophthalmic OCT/OCTA;
- Ophthalmic adaptive optics imaging;
- Ophthalmic fluorescence imaging;
- Ophthalmic optical system design;
- Optoretinography;
- Optics for ophthalmic surgery;
- Clinical ophthalmic imaging;
- Contact or intraocular lens;
- Adaptive optics visual simulator;
- Virtual and augmented reality.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Photonics* (ISSN 2304-6732). *Photonics* is an online open access journal covering both the fundamental and applications of optics and photonics. *Photonics* strives to provide an avenue to allow authors to disseminate their scientific findings—both theoretical/ simulations and experimental works—in highly accessible peer-reviewed journal publications. The manuscript in *Photonics* will be handled with quick turnaround production processing time. We welcome authors to submit their manuscripts for publications in *Photonics*. Our goal in *Photonics* is to enable fast dissemination of high impact works to the scientific community.

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