

# Special Issue

## Recent Progress in Solar Cell Technology and Future Prospects

### Message from the Guest Editors

This special issue aims to present a state of the art of various traditional or novel materials and devices that have been used in increasing the solar cells performance. Specifically, papers are encouraged to report new results by your group or review a recent progress and prospect of the solar cells in your research field. Researchers are warmly invited to submit contributions to this Special Issue. Topics include, but are not limited to:

- Silicon;
- III-V cells;
- Thin-film chalcogenide;
- Amorphous/microcrystalline;
- Perovskite;
- Dye sensitized;
- Organic;
- New concepts for future technologies.

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### Guest Editors

Prof. Dr. Xiaodong Wang  
Dr. Rui Xu  
Dr. Wen Liu

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### Deadline for manuscript submissions

closed (28 February 2023)



## Photonics

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Impact Factor 1.9  
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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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### Editor-in-Chief

Prof. Dr. Nelson Tansu

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 15 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the second half of 2025).