

## Special Issue

# Nonlinear Optics of Materials: Their Fundamentals and Applications

### Message from the Guest Editor

Perovskite materials demonstrate efficient nonlinear optical (NLO) properties, making the optical applications and fundamental physics of these materials extremely interesting. We are pleased to invite you to submit an article to the Special Issue “Nonlinear Optics of Perovskite Materials: Their Fundamentals and Applications”. This Special Issue aims to encompass the design, synthesis, and NLO characterization of perovskite materials and their relevant applications. In this Special Issue, research, review, mini review, and perspective articles are welcome. The research areas of interest include (but are not limited to) the following: (1) the synthesis and NLO characterization of all-inorganic perovskite nanocrystals, hybrid perovskite materials, and chiral perovskite materials; (2) the ultrafast dynamics in perovskite materials; and (3) the application of perovskite-material-based NLO effects. We look forward to receiving your contributions.

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### Guest Editor

Prof. Dr. Tingchao He

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### Deadline for manuscript submissions

15 November 2025



## Photonics

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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

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