

Special Issue

Advances of Silicon Photonics

Message from the Guest Editors

It is our great pleasure to invite you to contribute to the Special Issue of advances in silicon photonics. This Special Issue aims to put together a collection of papers covering the frontiers of silicon photonics and highlighting the most recent scientific discoveries and trends in this field. Topics include but not limited to the following: (1) Novel silicon photonics devices, including modulators, switches, subwavelength structure based devices, and hybrid integrated devices; (2) Application-specific silicon photonics circuits, including LIDAR, optical information processing, and optical coherent tomography (OCT); (3) Silicon photonics devices and circuits for optical computing, quantum optics, and microwave photonics; (4) Silicon photonics based sensors, including biological sensors, chemical sensors, and LoC systems.

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Deadline for manuscript submissions

closed (30 April 2022)



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About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

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Author Benefits

High Visibility:

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manuscripts are peer-reviewed and a first decision is
provided to authors approximately 14.8 days after
submission; acceptance to publication is undertaken in 2.6
days (median values for papers published in this journal in
the first half of 2024).