



## Recent Advances in Integrated Photonic Devices

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### Message from the Guest Editor

Integrated photonic devices have been used in many application areas, such as optical communications/interconnects, optical networking, optical/quantum computing, LiDAR, and optical sensing. However, the performance of integrated photonic devices still needs to be improved for large-scale integration and wide applications. The challenges relate to material, design, fabrication, and integration technologies. This Special Issue aims to cover various aspects of the recent advances in integrated photonic devices, including but not limited to:

- III-V and compound semiconductor devices;
- Silicon and other group IV photonic devices;
- LiNbO<sub>3</sub> and other Pockels devices;
- Dielectric and polymer devices;
- Nanostructured photonic devices;
- Device fabrication and characterization;
- Integrated photonics application;
- Computational photonics technology;
- Nonlinear and quantum photonics;
- New materials for integrated photonics.





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## Message from the Editor-in-Chief

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