



Nanophotonics for Next-Generation IoT Sensors

Guest Editor:

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Message from the Guest Editor

This Special Issue focuses on the topics of next-generation devices, such as photodetectors, modulators and light emitting devices, based on nano-resonances or using novel materials. It also focuses on the nanophotonics-based applications, including CMOS image sensors, biosensors, optical circuits, and neuromorphic photonics.

The topics of interests include, but are not limited to:

- Nanophotonics: plasmonics, metasurface, optical materials, non-linear optics;
- Optical devices: Photodetector, modulator, light emitting device;
- Silicon photonics;
- Biosensors;
- Optical neuromorphic device, system and computing;
- Optical imaging;
- Thin film technology;
- Electromagnetism for IoT applications

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Message from the Editor-in-Chief

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