

Special Issue

High-Performance CMOS Image Sensors

Message from the Guest Editors

Image sensors are widely used in medicine, biology, environmental monitoring, and many other engineering fields. High demands on modern sensors require increasingly advanced solutions with unique photodetectors and embedded preprocessing. Improving the performance of CMOS image sensors involves the application of innovative photodetectors, e.g., single-photon avalanche diodes and sophisticated 3D integration, which requires the development of new packaging techniques and solutions in CMOS integrated circuits. From the perspective of modern electronics applications, CMOS technology offers a cost-effective, fully-on-chip implementation of advanced image sensors. This Special Issue is dedicated to presenting new trends and developments in advanced CMOS image sensors as well as their innovative applications in various fields. More information please visit [here](#)

Guest Editors

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

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