



sensors



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CMOS Image Sensors and Applications

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Message from the Guest Editor

Dear Colleagues,

CMOS image sensors have received great attention because of their wide range of applications, such as in digital cameras, automotive cameras, 3D imaging, distance estimation, high-speed imaging, biomedical imaging, and X-ray imaging, to name but a few. By virtue of the recent developments in image sensor technology, their performance has surpassed human eyes. Furthermore, special imaging has been realized by the integration of optical elements and signal processing functions.

This Special Issue welcomes contributions dealing with various aspects of image sensors, including in high-speed, high-resolution, high-sensitivity, high dynamic range, and single-photon imaging, as well as the development of highly functional image sensors by using signal processing, new materials, and special image sensors for THz wave, bioimaging, and others.

Dr. Kiyotaka Sasagawa
Guest Editor



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Special Issue



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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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