

Special Issue

Microwave Components for Wireless Sensor and Instrumentation Applications

Message from the Guest Editor

This Special Issue is dedicated to emerging new technologies using microwave components and systems for wireless sensing and its instrumentation. Today, in the middle of the fourth industrial revolution, advanced technologies such as 5G communications, the Internet of Things (IoT), and artificial intelligence, based on cloud computing and a high-performance computing, have revolutionized the technology, which demands the transmission of a huge volume of digital data in a fast time scale. High-speed digital signals already contain significant high-frequency spectra spreading on microwave/mm-wave frequencies. Therefore, recently, new microwave/mm-wave technologies for wireless sensors and communications have emerged, and these topics will be covered in this Special Issue.

Guest Editor

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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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