Special Issue

Advances in Radar Sensors

Message from the Guest Editors

Radar sensors offer unique characteristics that are ideal for measuring the distance, speed and trajectory of a wide range of targets in real-life working conditions. Radars use microwave signals that can handle adverse conditions, such as dust, oil, low visibility, humidity, high temperature and pressure, and still deliver reliable measurements with an adequate accuracy. In addition, they do not require complex calibration and fall under the category of medium-priced sensors. Due to these multi-faceted advantages, radars are being used in a wide range of industrial and consumer, as well as medical, applications. Their inherent advantages, combined with their rapidly increasing demand, has provided an impetus to develop innovative solutions for enhancing radar capabilities.

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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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