

Special Issue

Radar Target Detection, Imaging and Recognition

Message from the Guest Editors

Radar can sense the target and environment at any time and any weather, is a kind of sensor which plays an important role in a wide range of applications, such as target detection, imaging and recognition. With the advances in radar hardware and software technologies, more flexible radar working modes with more potential have been exploited, together with new theories and methods for advanced radar detection, imaging and recognition. Nowadays, radar detection, imaging and recognition have become an international front and hotspot in the field of sensor research. The present Special Issue aims to exhibit a number of recent advanced techniques in the fields of theory and application of radar detection, imaging and recognition. Topic may include but not limited to the following topics:

- Radar detection, tracking, parameter estimation
- Clutter or jamming suppression
- Beamforming
- SAR/ISAR/ultra-wideband radar
- Radar imaging technology
- Radar target recognition technology
- Synthetic aperture techniques
- Signal and data processing
- Advanced RF and antenna technologies
- Waveform diversity
- Radar design and simulation
- Radar jamming

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Deadline for manuscript submissions

15 December 2025



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



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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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