

Topical Collection

Modern Radar Systems

Message from the Collection Editors

The aim of this Special Issue is to present the latest research results in the area of modern radar technology utilizing active and/or passive radar sensor systems in different applications, including both military use and a broad spectrum of civilian applications. The contributions from leading experts in this field of research will be collected and presented in this Special Issue. This Special Issue aims to highlight the advances in modern radar systems. Topics include but are not limited to:

- Modern solutions in radar systems;
- Deployable multiband passive/active radars;
- New applications in passive radars;
- New techniques in radar signal processing;
- Waveform design techniques in radar applications;
- Active and Passive SAR/ISAR imaging techniques;
- Civilian applications of modern radar technology;
- Radar signal and data processing;
- Tracking and data fusion;
- Multifunctional RF Systems (MFRFS);
- Radar network synchronization;
- Countermeasures to modern radar.

Collection Editors

Prof. Dr. Piotr Samczynski

Prof. Dr. Daniel W. O'Hagan

Dr. Jacek Misiurewicz

Dr. Lorenzo Lo Monte



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/41005

Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

[mdpi.com/journal/
sensors](https://mdpi.com/journal/sensors)





Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



[mdpi.com/journal/
sensors](https://mdpi.com/journal/sensors)



About the Journal

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.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro
Department of Electrical and Information Engineering, Politecnico di
Bari, Via Orabona 4, 70126 Bari, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Ei Compendex, Inspec, Astrophysics Data System, and other databases.

Journal Rank:

JCR - Q2 (Instruments and Instrumentation) / CiteScore - Q1 (Instrumentation)