

Special Issue

Radar Sensing and Imaging for Healthcare Applications

Message from the Guest Editor

Radar technology has gained widespread use in ambient assisted living due to its wireless capabilities and strong privacy safeguards. In recent years, the integration of AI and advanced signal processing techniques with radar data has enabled the monitoring of human health, including detecting abnormalities based on users' daily vital signs and activity patterns. This Special Issue on "Radar Sensing and Imaging for Healthcare Applications" highlights the latest innovations in applying radar sensing, imaging, signal processing and AI-assisted radar data analysis for health monitoring in real-world settings. Topics of interest include, but are not limited to, the following:

- Remote sensing using RF and/or radar technology.
- Radar sensing and imaging for indoor activity and/or vital signal monitoring.
- Novel radar signal processing algorithms in healthcare applications.
- Radar imaging for human–computer interactions.
- AI-assisted radar data analysis.
- Deep learning for radar cube data.

Guest Editor

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Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

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