

Special Issue

Radar Signal Processing and System Design for Urban Health

Message from the Guest Editor

Radar systems using sophisticated signal processing can be used as contactless monitoring of vital signs (such as heartrate, respiration, and blood pressure). In fact, these radar systems are crucial for vital sign monitoring of infants, patients with severe burns, and those with sleep apnea syndrome. New emerging applications of radar technology also include classification of human activities and gait analysis for activity of daily living (ADL) and in-house healthcare.

The aim of this Special Issue is to provide an overview of the latest advances and trends of radar technology for urban healthcare applications. In addition, we expect the implementation of radar signal processing and radar system design with an interdisciplinary approach, such as a multisensory approach. In this Special Issue, we also welcome the application of deep learning, 5G radar, and communication protocols to the radar system for the biomedical domain. We invite you to submit your recent research which focuses on radar signal processing and system design for solving healthcare challenges.

Guest Editor

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Deadline for manuscript submissions

closed (30 April 2022)



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Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

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