Special Issue

Recent Advances and Applications of Radar Signal Processing

Message from the Guest Editors

Radar signal processing, as a crucial aspect of radar technology, has witnessed recent advancements that profoundly impact various sectors. One of the most significant breakthroughs in radar signal processing in recent years has been the advancements made in high-resolution imaging technology. Another noteworthy development is the trend towards intelligence in radar signal processing. Furthermore, combined with big data processing techniques, radar systems can mine deeper levels of information, providing users with more precise decision support. With the maturation of technologies such as microwave integrated circuits and phased array antennas, radar devices have seen substantial reductions in size, power consumption, and cost, enabling radar technology to be more widely applied in daily life. Topics of interest for this Special Issue include, but are not limited to, the following:

- MIMO radar
- cognitive radar
- deep learning
- radar imaging
- target detection
- waveform design

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Message from the Editor-in-Chief

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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