

Special Issue

Radar Sensor for Motion Sensing and Automobile

Message from the Guest Editor

The objective of this Special Issue is to provide the latest research related to radar design for motion sensing and automobiles. The topics span from radar architecture, circuit technology, array antenna design, and radar signal processing, to practical applications and prototypes. This Special Issue of *Electronics* invites submissions of technical papers that may address, but are not limited to, the following:

- Radar Architecture: Doppler, FMCW, PMCW, FCW, UWB, etc.
- Circuit Technology: Low-Noise Receiver, High-Efficiency Transmitter (Beamformer), Multichannel Transceiver, Signal Generator (VCO, PLL, Chirp Generator), etc.
- Array Antenna Design: Array Design, Antenna Calibration, etc.
- Radar Signal Processing: Beamforming, CFAR, Automatic Target Tracking, etc.
- Radar Module and Applications

More information, please refer to www.mdpi.com/journal/electronics/special_issues/radar_sensor

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About the Journal

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 guest-edited by leading experts in selected topics of interest.

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).