electronics

IMPACT FACTOR 2.6

CITESCORE 5.3

an Open Access Journal by MDPI

Radar Sensor for Motion Sensing and Automobile

Guest Editor:

Dr. Donghyun Baek
Microwave Embedded Circuit & System (MECAS) Lab., School of Electrical Engineering, Chung-Ang University, 84 Heukseok-ro, Dongjack-gu, Seoul 06974, Korea

Deadline for manuscript submissions:
closed (30 September 2019)

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

electronics

IMPACT FACTOR 2.6

CITESCORE 5.3

an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Flavio Canavero
Department of Electronics and Telecommunications, Politecnico di Torino, 10129 Torino, Italy

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.

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), CAPlus / SciFinder, Inspec, Ei Compendex and other databases.
Journal Rank: JCR - Q2 (*Physics, Applied*) / CiteScore - Q2 (*Control and Systems Engineering*)

Contact Us

Electronics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/electronics
electronics@mdpi.com
𝕏@electronicsMDPI