

Special Issue

Mobile Networking: Latest Advances and Prospects

Message from the Guest Editors

The aim of this Special Issue of *Electronics* is to present state-of-the-art investigations in the latest advances and prospects of mobile networking. We invite researchers to contribute original and unique articles, as well as sophisticated review articles. Topics include, but are not limited to, the following areas:

- Software-defined networking;
- Network function virtualization;
- Cross-layer design and optimization;
- Network slicing and system coexistence;
- Small cells for heterogeneous mobile network;
- Reconfigurable intelligent surface empowered 5G-A/6G mobile network;
- Semantic communications for 5G-A/6G mobile network;
- Edge intelligence enabled 5G-A/6G mobile network architecture;
- Artificial-intelligence-empowered 5G-A/6G mobile network;
- Big-data-assisted private 5G-A/6G mobile network;
- Edge-computation-based network structure for space-air-ground-integrated network;
- Service and applications for 5G-A/6G mobile network.

Guest Editors

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Deadline for manuscript submissions

closed (15 March 2025)



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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 guestedited by leading experts in selected topics of interest.

Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.4 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).