Special Issue

Application of Artificial Intelligence in the New Era of Communication Networks, 2nd Edition

Message from the Guest Editors

Applications of machine learning in wireless and mobile communications networks have been attracting increasing attention, especially in the new era of big data and IoT, where data mining and data analysis technologies represent effective approaches to solving wireless system issues. Our main aim in launching this Special Issue is to provide an overview of current research on wireless and mobile communication technologies, with contributions from the fields of machine learning, mobile edge computing, blockchain, and other artificial intelligence, including channel modelling, signal estimation and detection, energy efficiency, vehicular communications, and wireless multimedia communications. Topics of interest include, but are not limited to, the following:

- Wireless and wireline communications;
- Beyond 5G and 6G access and core networks;
- Blockchain services and applications;
- Artificial intelligence and intelligent systems;
- Big data analysis;
- Cloud technologies and applications;
- Machine learning;
- Internet of Everything;
- Autonomous driving and V2X solutions;
- Next-generation networks;
- Holographic communication;
- Cyber security;
- e-Health.

Guest Editors

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Deadline for manuscript submissions

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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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