

Special Issue

Digital Transformation of Healthcare Using IoT and Wearable Services and Systems

Message from the Guest Editors

We are thrilled to announce our upcoming Special Issue dedicated to exploring the transformative potential of IoT and wearables in healthcare. We invite contributions from both the academic and industrial communities, seeking original and high-quality papers that delve into the latest trends, innovative solutions, and prevailing challenges associated with the digital transformation of healthcare using IoT and wearable technologies. We welcome insightful contributions on subjects including, but not limited to, the following areas:

- IoT and wearables application in healthcare;
- The role of IoT and wearables in advancing smart healthcare initiatives;
- Digital Transformation of healthcare using IoT and wearables;
- Privacy, security, and safety concerns in IoT and wearable systems in healthcare;
- Design and implementation of RFID-based IoT devices;
- Exploring the potential of IoT and wearables in diverse digital health applications;
- IoT, wearables and AI integration for a digital and smart healthcare system;
- Overcoming practical implementation challenges in IoT applications.

Guest Editors

Dr. Samaneh Madanian

Dr. Eila Erfani

Dr. John M. Templeton

Deadline for manuscript submissions

closed (15 May 2024)



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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.

Editor-in-Chief

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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).