

Special Issue

IoT for Healthcare and Wellbeing: Trends, Challenges, and Applications

Message from the Guest Editors

Internet of Things (IoT) systems are covering a growing number of application areas which intervene in our daily lives. Applied to health and wellness care, this technology provides continuous and ubiquitous monitoring and assistance, allowing the creation of valuable tools for diagnosis, health empowerment, and personalized treatment, among others. In this Special Issue, our aim is to present novel approaches to IoT systems for health and wellness care. Reviews and survey papers are also welcomed. Topics of interest include but are not limited to: - Novel IoT devices and systems for wellbeing and healthcare.

- Protocols and standards for transmission and integration with electronic health records.
- Privacy and security in the communication of biomedical data.
- Usability and user experience in wellbeing and healthcare IoT systems.
- Application of AI technologies for monitoring, diagnosis, and prevention.
- Explainable AI applied to IoT systems for diagnosis support.
- Context-aware and adaptive IoT systems for health and wellness care personalization.

Guest Editors

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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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