

Special Issue

Blockchain-Enabled Management Systems in Health IoT

Message from the Guest Editors

This Special Issue seeks novel contributions on integrating and optimizing blockchain for Health IoT, addressing security, scalability, usability, and integration challenges. We also encourage submissions focused on user-friendly designs, as many blockchain applications remain inaccessible to non-technical users. Practical solutions for seamless integration with legacy hospital systems are of particular interest. Topics of interest include the following:

- Privacy-preserving IoT data sharing;
- Low-cost, long-term IoT data storage solutions;
- Smart contract-based access control for IoT data;
- Implementation and testing of blockchain-powered IoT management systems;
- Scalable blockchain architectures for IoT data management;
- AI-enhanced security, scalability, and privacy in blockchain-IoT systems;
- User-friendly interfaces for patients, providers, and insurers;
- Integration with existing hospital infrastructure;
- Continuous monitoring and authentication of IoT devices;
- Permanent data removal from immutable ledgers.

Guest Editors

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Deadline for manuscript submissions

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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 guestedited by leading experts in selected topics of interest.

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