

Special Issue

Blockchain-Based Trusted IoT

Message from the Guest Editors

This Special Issue aims to explore the latest innovations, address the current challenges, and discuss the future directions of the field of blockchain-based trusted IoT systems. We invite submissions on topics including, but not limited to:

- Novel blockchain architectures for IoT security and privacy
- Decentralized identity management in IoT networks
- Smart contracts for autonomous IoT operations
- Blockchain-based data integrity and provenance in IoT
- Scalability solutions for blockchain in IoT environments
- Energy-efficient consensus mechanisms for IoT devices
- Blockchain-enabled trust models for IoT ecosystems
- Privacy-preserving techniques in blockchain-IoT integration
- Case studies of blockchain implementation in IoT industries
- Trust models and reputation systems in blockchain-IoT ecosystems
- Regulatory and compliance issues in blockchain-based IoT
- Use cases and applications in healthcare, supply chain, smart cities, and more
- Integration of AI and machine learning with blockchain-based IoT
- Edge and fog computing in blockchain-IoT architectures
- Lightweight blockchain protocols for resource-constrained IoT devices

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

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High Visibility:

indexed within ESCI (Web of Science), Scopus, EBSCO,
and other databases.

Rapid Publication:

manuscripts are peer-reviewed and a first decision is
provided to authors approximately 25.7 days after
submission; acceptance to publication is undertaken in 3.9
days (median values for papers published in this journal in
the first half of 2025).

Journal Rank:

JCR - Q2 (Telecommunications) / CiteScore - Q1
(Computer Science (miscellaneous))