

Special Issue

Blockchain Technologies for the Internet of Things (IoT): Research Issues and Challenges

Message from the Guest Editor

The rapid growth of the Internet of Things (IoT) has revolutionized various domains, presenting both exciting opportunities and daunting challenges. Sectors such as healthcare, transportation, smart cities, and energy sectors have experienced significant transformations due to the proliferation of IoT devices. As the number of these interconnected devices continues to skyrocket, there arises a pressing need for robust and scalable solutions that not only ensure secure and efficient data exchange but also tackle critical concerns like privacy, trust, and interoperability. In response to these challenges, blockchain technology has emerged as a promising and innovative solution. By providing a decentralized, transparent, and tamper-resistant infrastructure, blockchain offers a transformative approach to address the complexities of the IoT landscape. This Special Issue aims to delve into the research issues and challenges associated with the application of blockchain technologies to the Internet of Things.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Future Internet is a fast-growing journal devoted to rapid publications of the latest results in the general areas of computer networking/communications and information systems, with a focus on the Internet of Things, big data and augmented intelligence, smart systems (in terms of technologies, architectures, and applications), network virtualization, edge/fog computing, and cybersecurity. Both theoretical and experimental papers are welcome. Every year, *Future Internet* also features Special Issues dedicated to specific topics within the journal's scope.

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