

Special Issue

Data Privacy and Security in Blockchain, Decentralised Storage and IoT Systems

Message from the Guest Editor

This Special Issue seeks to gather high-quality research articles, reviews, and position papers that explore the intersection of blockchain, decentralised storage, and privacy-preserving techniques. The goal is to address the current challenges and future opportunities in applying these technologies to enhance the security, integrity, and auditability of data. In this Special Issue, original research articles and reviews are welcome. Their research areas may include (but are not limited to) the following:

- Blockchain architectures and methods;
- Privacy-preserving techniques;
- Decentralised storage systems (e.g., IPFS);
- Secure data sharing and integrity;
- Data auditability and transparency;
- Blockchain and IoT security;
- Legal, regulatory, and ethical considerations in privacy-preserving systems;
- Privacy implications of decentralised applications (dApps);
- The role of AI in enhancing privacy and security in blockchain ecosystems;
- The interoperability of decentralised systems across sectors and industries.

I look forward to receiving your contributions.

Guest Editor

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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 guestedited by leading experts in selected topics of interest.

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