Special Issue

Privacy-Preserving Technologies: Unlocking the Potential of Blockchain

Message from the Guest Editors

For this Special Issue, we invite contributions that delve into groundbreaking research and the latest developments within the field of blockchain for information security and privacy. Potential submission topics include, but are not limited to, the following:

- Secure Multi-party Computation (SMPC);
- The security and privacy of IoT and Smart City systems;
- Blockchain and wireless sensor networks;
- Federated learning and privacy-preserving machine learning;
- Secure data management;
- Decentralized solutions for the IoT;
- Blockchain-enabled secure applications;
- Security and privacy in Decentralized Finance (DeFi);
- Blockchain-based solutions for privacy and data governance;
- Smart contracts for user privacy and data governance;
- Privacy-preserving data processing with Homomorphic Encryption (HE) or Trusted Execution Environments (TEEs);
- Decentralized data marketplaces;
- Decentralized identifiers (DIDs) and verifiable credentials (VCs).

Guest Editors

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Deadline for manuscript submissions

15 May 2025

Electronics

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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 guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

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