

Special Issue

Data Security and Privacy in Blockchain and the IoT

Message from the Guest Editors

The global big data market is experiencing tremendous growth, driven by advancements in the IoT, cloud computing, and AI technologies; however, the development of big data techniques is hindered by growing data security and privacy concerns. Blockchain, which emerged as a novel distributed consensus scheme, allows transactions and any other data to be securely stored and verified without the need for any centralized and trusted authority. Due to its unique characteristics, blockchain technology has become a popular choice for many application areas, such as e-government, healthcare, social network, finance, supply chain management, and smart manufacturing. This Special Issue provides a platform for researchers, academics, and industry professionals to present their research work on data security and privacy in blockchain and the IoT. This Special Issue aims to address the challenges and issues of using blockchain and IoT technologies to design decentralized applications and services in various domains.

Guest Editors

Dr. Zhe Peng
Dr. Hong-Ning Dai
Dr. Yu Li

Deadline for manuscript submissions

closed (15 June 2025)



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/199731

Electronics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
electronics@mdpi.com

[mdpi.com/journal/
electronics](https://mdpi.com/journal/electronics)





Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



[mdpi.com/journal/
electronics](https://mdpi.com/journal/electronics)



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.

Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di Torino, 10129 Torino, Italy

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), CAPlus / SciFinder, Inspec, Ei Compendex and other databases.

Journal Rank:

JCR - Q2 (Engineering, Electrical and Electronic) /
CiteScore - Q1 (Electrical and Electronic Engineering)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.4 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).