

Special Issue

Blockchain for IoT-Based Smart Cities: Recent Advances, Requirements, and Future Challenges

Message from the Guest Editors

The emerging blockchain technology has transformed the way how multiple parties reach a common and trustworthy consensus in trustless systems. Owing to its fascinating tamper-proof nature, the blockchain technology has opened a new avenue for distributed storage and computing, and has found promising applications in Smart Cities, like secure data sharing, identity/device management and access control for electronic health records (EHRs). The goal of this Special Issue is to provide a forum for worldwide researchers to share their innovative ideas and latest findings in the application of blockchain in Smart Cities, and also to discuss the challenges we are facing or will face to reap the full benefits of blockchain for Smart Cities.

Guest Editors

Prof. Dr. Yuanyu Zhang

Dr. Xuewen Dong

Prof. Dr. Ning Xi

Dr. Ji He

Deadline for manuscript submissions

closed (31 May 2023)



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/97572

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 guest-edited 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 16.8 days after
submission; acceptance to publication is undertaken in 2.4
days (median values for papers published in this journal in
the first half of 2025).