Special Issue

AI-Based Solutions for Cybersecurity

Message from the Guest Editors

AI is having a significant impact on cybersecurity, and there are also concerns related to the security of AI, which include trust in AI, the ethical application of AI, and cybersecurity. AI is able to play a positive role in cybersecurity, aiding in threat anticipation and case summarization, while cybersecurity will be essential to ensure AI's trustworthiness. AI solution is becoming increasingly important in the field of cybersecurity, and it is expected to continue to play a significant role in the years to come. Topics of interest for this Special Issue include, but are not limited to, the following:

- AI-based threat detection;
- Behavioral analytics;
- Cybersecurity automation;
- AI-powered authentication;
- Adversarial machine learning;
- AI in IoT security;
- Cyber threat intelligence;
- AI and cloud security;
- AI-based security analytics;
- Ethical considerations.

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closed (15 June 2025)

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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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