Special Issue

Advanced Technologies in Intelligent Transportation Systems

Message from the Guest Editors

Recent endeavours in smart city initiatives have seen an increased proliferation and adoption of the IoT, cloud computing and other modern computing technologies. Their use has been particularly prominent in the development of smart transport, particularly in intelligent transport systems (ITS) and connected autonomous vechicles (CAV). Using various sensors connected to the vehicles, data are collected which relate to different aspects of smart transport, such as geographical data and driver information, through edge computing. These data are then analysed using cloud computing-based machine learning. The collected data usually contain personally identifiable information (PII) such as user names and timestamps. These can be triangulated to reveal sensitive user details and behaviour.

The aim is to compile articles exploring the countermeasures against cybersecurity and data privacy attacks in ITS. These can include traditional research-focused articles; educational surveys to instruct the broader technical community; informative articles that discuss practical policy, legal, and economic aspects of cybersecurity in ITS systems. We look forward to your contributions.

Guest Editors

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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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