Special Issue

Intelligent Technologies for Vehicular Networks, 2nd Edition

Message from the Guest Editor

The primary aim of this Special Issue is to present scholarly contributions that delve into unresolved challenges within next-generation vehicular networks while also providing insightful surveys to discern emerging trends and identify nascent research frontiers. Encompassing a diverse array of topics, submissions are encouraged to explore the manifold possibilities afforded by the Internet of Things (IoT) in shaping protocols, applications, and services tailored to IoV-connected devices. Furthermore, special emphasis is placed on the integration of machine learning and deep learning algorithms due to their pivotal role in enabling intelligent management across various facets of vehicular systems. Keywords

- vehicular networks
- machine learning
- vehicle-to-everything (V2X)
- resource allocation
- intelligent vehicular systems
- deep learning
- recurrent neural networks (RNNs)
- convolutional neural networks (CNNs)
- cloud-based vehicular technologies
- IoT
- IoV
- networking

Guest Editor

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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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