

Energy-efficient communication sites for use in safe cities

Enhance urban living with Commend's Smart City solutions. Improve safety, communication, and accessibility in city centers with audio technology.

This article highlights the key technologies, applications, and trends in the Internet of Things (IoT) for energy-efficient 6G wireless communication in smart cities.

The literature reflects a broad array of approaches aimed at enhancing the energy efficiency of routing mechanisms across different network architectures used in smart cities, including WSNs, IoT ...

To overcome these challenges, this paper proposes a secure and energy-efficient inter- and intra-cluster optimization scheme (SEI2), which addresses both energy efficiency and security in...

In this paper, with the target of achieving green communications through D2D, we investigate the joint optimization of uplink subcarrier assignment (SA) and power allocation (PA) in ...

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In the context of optimizing energy-efficient communication protocols for IoT devices in smart cities, this research addresses the pressing need for ...

In the context of optimizing energy-efficient communication protocols for IoT devices in smart cities, this research addresses the pressing need for sustainable and reliable solutions.

With Honeywell City Suite, municipalities can support the continuity of the city infrastructure and help reduce the response time to safety issues and city services, thus contributing to the residents' quality ...

. This research paper aims to explore and optimize energy-efficient communication protocols for IoT devices in smart cities using NB-IoT technology. By leveraging NB-IoT's low- power capabilities and ...

Another major important challenge for the construction of an effective Wireless Sensor Network is to use the existing infrastructure of a city. Therefore, in this chapter, the challenges of ...

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