The Smart Citizen Factor in Trustworthy Smart City Crowdsensing
Maryam Pouryazdan and Burak Kantarci

This article surveys the state of the art in reputation-based crowdsensing in smart cities. The authors also present a vote-based, reputation-aware user-recruitment approach that unveils the impact of collaborative trustworthiness assessment using anchor smart citizens.

A Social-Network-Optimized Taxi-Sharing Service
Chao Feng Zhang, Mianxiong Dong, Kaoru Ota, and Minyi Guo

Social-network-based taxi sharing is a potential smart city service with social and economic benefits. The authors designed a framework for planning social-network-based taxi travel and successfully applied it in a practical scenario.

Planning and Implementing a Smart City in Taiwan
Chiung-I Chang and Chih-Cheng Lo

Because of smart cities’ diverse demands, a powerful and effective platform is necessary before they can be realized. This article describes a cloud virtualization resource management system called CHT Virtuoso that will support smart cities in Taiwan.
This article describes a tree management information system that intelligently cultivates trees, which comprise the ecological assets of a smart city. This system ensures that people and trees can coexist harmoniously in an urban environment.

The intersection of Semantic Web technologies and business-to-consumer (B2C) e-commerce offers benefits for both online retailers and customers. The authors’ framework highlights why and how the adoption of Semantic Web technologies can enhance B2C applications and platforms.