

This paper first makes a review of the scientific literature within the field. Thereafter it discusses the term Smart Energy Systems with regard to the issues of definition, identification of ...

The International Energy Agency released its first report on the interplay between digitalization and energy. The publication analyzes how interconnected digital devices are changing the way energy is ...

The Digital Age has given impetus to new smart energy technology opportunities that are transformational and inspiring. However, a number of legal privacy and cybersecurity challenges ...

Such flexible IoT hierarchical architecture model will be introduced in this paper with an overview of each key component for intelligent energy control in buildings for smart cities.

When we think about the energy industry, we don't always think fast-paced innovation, but the Internet of Things (IoT) is changing all that.

Digitalization is already improving the safety, productivity, accessibility and sustainability of energy systems. But digitalization is also raising new security and privacy risks.

This paper presents the potential application of the blockchain technology in future Energy Internet operation, which would be more decentralized and self-executing.

The report examines the impact of digital technologies on energy demand sectors, looks at how energy suppliers can use digital tools to improve operations, and explores the transformational ...

2017 IEEE Conference on Energy Internet and Energy System Integration (EI2 2017) Beijing, China 26 - 28 November 2017

This paper proposes concepts and design principles of a smart micro energy internet for accommodating micro-grids, distributed poly-generation systems, energy storage facilities, and ...



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