Database IEEE Xplore - Conference Proceedings, Journals, Magazines Building and Energy Management Systems

Building management systems
Energy conservation
Energy consumption
Energy management systems

Open access articles

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- A Human-Centric & Context-Aware IoT Framework for Enhancing Energy Efficiency in Buildings of Public Use
- Autonomic Management Architecture for Multi-HVAC Systems in Smart Buildings
- Energy Efficient Glass: A Way to Reduce Energy Consumption in Office Buildings in Amman (October 2018)
- Big Data Management and Analytics Metamodel for IoT-Enabled Smart Buildings
- Shared Electrical Energy Storage Service Model and Strategy for Apartment-Type Factory Buildings
- Forecasting the Short-Term Electricity Consumption of Building Using a Novel Ensemble
 Model
- A Privacy-Aware Crowd Management System for Smart Cities and Smart Buildings
- <u>Digital Twin: Vision, Benefits, Boundaries, and Creation for Buildings</u>
- <u>DistBlockBuilding: A Distributed Blockchain-Based SDN-IoT Network for Smart Building</u>
 Management
- GPU-Based Dynamic Solar Potential Estimation Tool Using 3D Plans
- A Review of Internet of Energy Based Building Energy Management Systems: Issues and Recommendations
- Nonintrusive Load Monitoring of Variable Speed Drive Cooling Systems
- Reinforcement Learning for Building Energy Optimization Through Controlling of Central HVAC System
- Seven Metaphors to Understand Digital Twins of Built Assets
- <u>Intellevator: An Intelligent Elevator System Proactive in Traffic Control for Time-Efficiency</u> Improvement
- A Tactic for Architectural Exploitation of Indoor Small Cells for Dynamic Spectrum Sharing in
 5G
- Service Embedding in IoT Networks
- Data center challenges and their power electronics
- <u>Data Collection Surveys on the Cornerstones of the Water-Energy Nexus: A Systematic</u> Overview

- Joint Energy Management and Interference Coordination With Max-Min Fairness in Ultra-Dense HetNets
- Autonomic Management Architecture for Multi-HVAC Systems in Smart Buildings
- Energy management system design and testing for smart buildings under uncertain generation (wind/photovoltaic) and demand

Structural and Design Engineering

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- HouseTalk: A House That Comforts You
- A Comparative Study of the Use of Building Information Modeling in Teaching Engineering Projects
- Internet of Things Health Detection System in Steel Structure Construction Management
- Seven Metaphors to Understand Digital Twins of Built Assets