Publications:

Electric vehicle battery charging controller
Publication: Research › Patent – Annual report year: 2016

A Method for Remote Control of EV Charging by Modifying IEC61851 Compliant EVSE Based PWM Signal
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Electric vehicle data acquisition system
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Electric vehicle integration in a real-time market
Publication: Research › Ph.D. thesis – Annual report year: 2015

Electric Vehicle Smart Charging using Dynamic Price Signal
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Generating Geospatially Realistic Driving Patterns Derived From Clustering Analysis Of Real EV Driving Data
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

ICT Solutions to Support EV Deployment
Publication: Research - peer-review › Book chapter – Annual report year: 2013

Integrating Intelligent Electric Devices into Distributed Energy Resources in a Cloud-Based Environment
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Utilizing a Flexibility Interface for Distributed Energy Resources Through a Cloud-Based Service
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Implementation of an Electric Vehicle Test Bed Controlled by a Virtual Power Plant for Contributing to Regulating Power Reserves
Publication: Research - peer-review › Article in proceedings – Annual report year: 2012

Numerical Comparison of Optimal Charging Schemes for Electric Vehicles
Publication: Research - peer-review › Article in proceedings – Annual report year: 2012

Prediction and optimization methods for electric vehicle charging schedules in the EDISON project
Publication: Research - peer-review › Article in proceedings – Annual report year: 2012
Facilitating a generic communication interface to distributed energy resources: Mapping IEC 61850 to RESTful services
Publication: Research - peer-review › Article in proceedings – Annual report year: 2010

Projects:

Across Continents Electric Vehicle Services
Project

EcoGrid EU - Large scale Smart Grids demonstration of real time market-based integration of DER and DR
Project

Electric vehicle integration in a real-time market
Project: PhD

Electric vehicles in a Distributed and Integrated market using Sustainable energy and Open Networks
Project

Activities:

IEC61850 and Interoperability in SmartGrid
Activity: Talks and presentations › Conference presentations

EDISON – ICT architectures for EV integration
Activity: Talks and presentations › Conference presentations

Smart Charging for Electric Vehicle (EV) Fleet Operators (FOs) and ICT Implementation using IEC 61850
Activity: Talks and presentations › Conference presentations