# Analysis and development of protection and control functions for Li-lon based prosumers provided by low voltage part of distribution substation [Electronic resource]

Korõtko, Tarmo; Mägi, Marek; Peterson, Kristjan; Teemets, Raivo; Pettai, Elmo CPE 2013 : 2013 International Conference on Compatibility and Power Electronics (CPE) : June 5-7, 2013, Ljubljana, Slovenia : conference proceedings 2013 / p. 19-24 : ill [CD-ROM]

# Analysis of distribution substation topologies for energy exchanging between EV and utility networks

Mägi, Marek 11th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 16-21, 2012 2012 / p. 158-167 : ill

# Analysis of modelling electric transportation networks

Mägi, Marek 4th International Symposium Topical Problems of Education in the Field of Electrical and Power Engineering. Doctoral School of Energy and Geotechnology : Kuressaare, Estonia, January 15-20, 2007 2007 / p. 73-77 : ill

# Analysis of peak shaving of utility networks loads with electric vehicles connected to distribution substations

**Mägi, Marek** 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013 2013 / p. 184-191 : ill

Analysis of protection and control functions of low voltage part of substation for smart grid applications Mägi, Marek; Peterson, Kristjan; Pettai, Elmo PQ2012 : 8th International Conference : 2012 Electric Power Quality and Supply Reliability : June 11-13, 2012, Tartu, Estonia : conference proceedings 2012 / p. 297-304 : ill https://ieeexplore.ieee.org/document/6256243

#### Development and control of energy exchange processes between electric vehicle and utility network = Elektriauto energiasalvesti ja elektrijaotusvõrgu energiavahetusprotsesside uurimine ja juhtimine Mägi, Marek 2013 <u>https://www.ester.ee/record=b2966194\*est</u>

# Development of testing method for smart substations with prosumers

Korõtko, Tarmo; Merisalu, Ülo; Mägi, Marek; Peterson, Kristjan; Pettai, Elmo Journal of microelectronics, electronic components and materials 2014 / p. 185-200 : ill <u>https://www.dlib.si/details/URN:NBN:Sl:doc-N5PGZIFC Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS</u>

# Overview of development in the field of energy exchange between electric vehicles and utility network Mägi, Marek 12th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II: Kuressaare, Estonia, June 11-16, 2012 2012 / p. 123-124 : ill

# Topical problems of teaching of electrical apparatus

**Mägi, Marek** 3rd International Symposium "Topical Problems of Education in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology : Kuressaare, Estonia, January 16-21, 2006 2006 / p. 145-147 : ill

Utilization of electric vehicles connected to distribution substations for peak shaving of utility network loads Mägi, Marek Scientific Journal of Riga Technical University. Electrical, control and communication engineering 2013 / p. 47-54 : ill