A MPPT control method for full soft-switching high step-up current-fed DC-DC converter
Kosenko, Roman; **Roasto, Indrek** 2015 56th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2015 / p. 199-203 : ill

Application of hysteresis voltage control for three-level neutral point clamped voltage source inverter
Kolmakov, Nikolay; Bakhovtsev, Igor A.; **Jalakas, Tanel** 2015 56th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2015 / p. 195-198 : ill

Design of the exterior-rotor PM synchronous motor for an electric powered paraglider
Nukki, Rene; **Lehtla, Tõnu**; **Kilk, Aleksander**; Kangru, Tavo 2015 56th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2015 / p. 245-248 : ill

Development of single-loop current sensorless control for bidirectional three-phase PWM rectifier
Suzdalenko, Alexander; **Zakis, Janis**; **Husev, Oleksandr** 2015 56th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2015 / p. 211-214 : ill

Full soft-switching bidirectional current-fed DC-DC converter
Chub, Andrii; **Kosenko, Roman**; **Blinov, Andrei**; Ivakhno, Volodymyr; Zamaruiev, Volodymyr; Styslo, Bogdan 2015 56th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2015 / p. 189-194 : ill

Improved switched-inductor quasi-switched-boost inverter with low input current ripple
Chub, Andrii; **Liivik, Liisa**; **Zakis, Janis**; **Vinnikov, Dmitri** 2015 56th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2015 / p. 221-226 : ill

Optimization of concentrated solar thermoelectric generator system for highest yearly electric output
Kütt, Lauri; Millar, John; Lehtonen, Matti; Märss, Maido 2015 56th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2015 / p. 139-144 : ill

PLC-based flow rate control system for centrifugal pumps
Gevorkov, Levon; **Vodovozov, Valery**; **Lehtla, Tõnu**; **Bakman, Ilja** 2015 56th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2015 / p. 239-243 : ill

Sensorless control of the three-dimensional crane using the Euler-Lagrange approach with a built-in state-space model
Aksjonov, Andrei; **Vodovozov, Valery**; **Petlenkov, Eduard** 2015 56th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2015 / p. 255-258 : ill

Speed control strategy selection for multi-pump systems
Bakman, Ilja; **Gevorkov, Levon** 2015 56th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2015 / p. 353-356 : ill

Voltage balancing circuit for modular step-down DC/DC converter
Uljans, Austris; **Zakis, Janis** 2015 56th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2015 / p. 329-332 : ill