Comparative study of LED ballasts for different light regulation techniques
Milaševski, Irena; Tetervenok, Oleg; Suzdalenko, Alexander 15th International Power Electronics and Motion Control Conference, EPE-PEMC 2012 ECCE Europe, Novi Sad, Serbia 2012 / p. DS2b.16-1-DS2b.16-6 : ill https://ieeexplore.ieee.org/document/6397269

Comparative study of smart lighting grids with LEDs operated with concentrated, localized or distributed control [Electronic resource]
Suzdalenko, Alexander; **Milaševski, Irena**; Galkin, Ilja SPEEDAM 2012 : Sorrento (Italy) - June 20-22, 2012 : 21st edition of the International Symposium on Power Electronics, Electrical drives, Automation and Motion 2012 / p. 1437-1441 : ill [CD-ROM] https://ieeexplore.ieee.org/document/6264633

Converter state-space model estimation using dynamic mode decomposition
Suskis, Pavels; Zakis, Janis; Suzdalenko, Alexander; Khang, Huynh Van; **Rassõlkin, Anton**; **Vaimann, Toomas**; Pomarnacki, Raimondas 2022 IEEE 7th International Energy Conference (ENERGYCON) 2022 / 5 l https://doi.org/10.1109/ENERGYCON53164.2022.9830201

Current sensorless control algorithm for single-phase three-level NPC inverter
Suzdalenko, Alexander; **Zakis, Janis**; Steiks, Ingars Scientific Journal of Riga Technical University. Electrical, control and communication engineering 2014 / p. 28-33 : ill

Current sensorless control for half-bridge based AC/DC PFC converter with consideration of conduction losses
Suzdalenko, Alexander; **Chub, Andrii** International journal of circuit theory and applications 2016 / p. 2072-2084 : ill https://doi.org/10.1002/cta.2212 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

Distance encoding waves for identification of lighting failures
Galkin, Ilja; Suzdalenko, Alexander; **Armas, Jelena** BEC 2012 : 2012 13th Biennial Baltic Electronics Conference : proceedings of the 13th Biennial Baltic Electronics Conference : October 3-5, 2012, Tallinn, Estonia 2012 / p. 227-230 : ill

Instantaneous, short-term and predictive long-term power balancing techniques in intelligent distribution grids
Suzdalenko, Alexander; Galkin, Ilya Technological Innovation for the Internet of Things : 4th IFIP WG 5.5/SOCOLNET Doctoral Conference on Computing, Electrical and Industrial Systems, DoCEIS 2013, Costa de Caparica, Portugal, April 15-17, 2013, Proceedings 2013 / p. 343-350 https://doi.org/10.1007/978-3-642-37291-9_37 Article collection metrics at Scopus Article at Scopus

Operation possibility of grid connected quasi-Z-source inverter with energy storage and renewable energy generation in wide power range
Kroics, Kaspars; **Zakis, Janis**; Suzdalenko, Alexander; **Husev, Oleksandr**; Tytelmaier, Kostiantyn; Khandakji, Kamal 2017 IEEE First Ukraine Conference on Electrical and Computer Engineering (UKRCON) : May 29 - June 2, 2017, Kyiv, Ukraine : conference proceedings 2017 / p. 564-569 : ill https://doi.org/10.1109/UKRCON.2017.8100303

An overview of fuzzy logic approaches for fault diagnosis in energy conversion devices
Demidova, Galina; **Rassõlkin, Anton**; **Vaimann, Toomas**; **Kallaste, Ants**; Zakis, Janis; Suzdalenko, Alexander 2021 28th International Workshop on Electric Drives : Improving Reliability of Electric Drives (IWED) 2021 / 7 p https://doi.org/10.1109/IWED52055.2021.9376389

Verification of current sensorless control for single-phase NPC multilevel inverter
Suzdalenko, Alexander; **Zakis, Janis**; Steiks, Ingars; Chaiko, Yelena 2015 9th International Conference on Compatibility and Power Electronics (CPE) : proceedings : Faculty of Science and Technology (FCT), Caparica, Lisbon, Portugal, 24-26 June, 2015 2015 / p. 462-466 : ill http://dx.doi.org/10.1109/CPE.2015.7231119