

PUBLICATIONS

1. A. K. Bui, Z. Xiao, and L. Siek, "A Digitally-Controlled DC-DC Converter with Fast Predictive MPPT for PV Energy Harvesting System" to be submitted to IEEE Transactions on Very Large Scale Integration (VLSI) Systems.
2. A. K. Bui, Z. Xiao, and L. Siek, "Digitally-Controlled H-Bridge DC-DC Converter for Micropower PV Energy Harvesting System," in 15th Int. Symp. Integrated Circuits (ISIC), 2016.
3. Z. Xiao, A. K. Bui, and L. Siek, "A Hysteretic Switched-Capacitor DC-DC Converter with Optimal Output Ripple and Fast Transient Response," in IEEE Transactions on Very Large Scale Integration (VLSI) Systems (Volume: 25, Issue: 11, Nov. 2017)
4. Z. Xiao, A. K. Bui, and L. Siek, "On-chip reconfigurable switched-capacitor DC-DC converter for indoor PV energy harvesting," Electronics Letters. Available: <http://digital-library.theiet.org/content/journals/10.1049/el.2016.3018>.
5. Z. Xiao, A. K. Bui, and L. Siek, "A Switched-Capacitor DC-DC Converter with Embedded Fast NMOS-LDOs Achieving Low Noise, Low Output Voltage Ripple and Fast Response," in 15th Int. Symp. Integrated Circuits (ISIC), 2016.