

## REFEREED CONFERENCE PUBLICATIONS:

### 2015:

1. Amirahmadi, Issa Batarseh, "*Light Load Efficiency Improvement of ZVS Three Phase Micro Inverter*", Accepted at the Annual IEEE Applied Power Electronics Conference & Exposition (APEC), March 20- 24, 2016.
2. S. Tayebi, Issa Batarseh, "*Improved Three-Phase Micro-Inverter Using Dynamic Dead Time Optimization and Phase-Skipping Control Techniques*", Accepted at the Annual IEEE Applied Power Electronics Conference & Exposition (APEC), March 20-24, 2016.
3. S. Milad Tayebi, Siddhesh Sindy, Charles Jourdan, Issa Batarseh, "*Recent Advanced in Micro-Inverter for Distributed Power and Micro-Grid Applications*" Space workshop, Aerospace Corporation, California, May 10-14, 2015.
4. S. Tayebi, C. Jourdan, I. Batarseh, "*Advanced Phase-Skipping Control with Improved Efficiency of Three-Phase Micro-Inverter,*" IEEE Energy Conversion Congress and Exposition (ECCE), pp. 3802– 3806, September 2015.

### 2014:

5. A. Amirahmadi, U. somani, L. Chen, N. Kutkut, I. Batarseh, "Variable Boundary Dual Mode Current Modulation Scheme for Three-phase Micro-inverter" IEEE Applied Power Electronics Conference and Exposition, Feb, 2014
6. L. Chen, Q. Zhang, A. Amirahmadi, I. Batarseh "Modeling and Analysis of DC-Link voltage for Three-phase Four-Wire Two-Stage Micro-inverter", IEEE Applied Power Electronics Conference and Exposition, Feb 2014
7. U. Somani, C. Jourdan, A. Amirahmadi, A. Grishina, H. Hu, I. Batarseh "Phase Skipping Control to Improve Light Load Efficiency of Three Phase Micro-Inverters" IEEE Applied Power Electronics Conference and Exposition, Feb, 2014
8. L. Chen, A. Amirahmadi, I. Batarseh "Zero voltage switching Forward-Flyback Converter with efficient active LC snubber" IEEE Applied Power Electronics Conference and Exposition 2014

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11. F. Chen, Q. Zhang, A. Amirahmadi, I. Batarseh, "Design and implementation of three-phase gridconnected two-stage module integrated converter" IEEE 14th Workshop on Control and Modeling for Power Electronics (COMPEL), pp. 1-8, 2013.
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13. C. Hu, L. Chen, Q. Zhang, J. Shen, A. Amirahmadi, I. Batarseh, D. Xu "Current Dual-loop control for RPI with LCL filter in Micro-inverter" IEEE Applied Power Electronics Conf.(APEC), pp. 2907-2912, 2013.
14. S. El-Nimri, Ruba Amarin and Issa Batarseh, 'Distributed Smart Energy Photovoltaic Generation Project in New Jersey', Submitted to the 8th Jordanian International Electrical and Electronics Engineering Conference, Jordan, April 2013.
15. G. Haddad, Ruba Amarin, Salem El-Nimri, Mohammad Kuran, Walid Shahin, Issa Batarseh and Saleh Al-Jufout, 'The Economic Impact of the 'Let Jordan Shine' Phase I Project in Tafila', Submitted to the 8th Jordanian International Electrical and Electronics Engineering Conference, Jordan, April 2013.

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