

Journals

- “Modeling, Simulation, and Implementation of a Solar Thermoelectric Energy Harvesting System;” accepted for publication at the *Journal of Energy and Power Engineering*. Paper No. is JEPE 16031703.
- “A System Dynamics Model for Energy Planning in Niger;” *International Journal of Energy and Power Engineering*. Vol.3. No.6, 2014, pp.308-322.
- “Buffering PV Output during Cloud Transient with Energy Storage;” ISBN 978-3-65946223-8 at LAP LAMPBERT Academic Publishing, Heinrich-Bocking-Str. 6-8, 66121, Saarbrucken, Germany.

Conferences

- “LTspice Model of a Solar Thermoelectric Generation System,” *IEEE 8th University of Clemson Power System Conference 2016, South Carolina USA*.
- “Analysis of a Residential 5kW Grid-tied Photovoltaic System,” *IEEE 8th University of Clemson Power System Conference 2016, South Carolina USA*.
- "Concise Thermal to Electrical Parameters Extraction of Thermoelectric Generator for Spice Modeling," *IEEE 58th MWSCAS 2015*.
- "Improved SPICE Modeling and Analysis of a Thermoelectric Module," *IEEE 58th MWSCAS 2015*.
- “Application of Used Electric Vehicle Batteries to Buffer PV Output Transients,” *IEEE 58th MWSCAS 2015*.
- “CPV Battery Buffer Sizing and Economic Analysis,” *IEEE 58th MWSCAS 2015*.
- “Evaluation of the impact of Partial Shading on the Performance of a Grid-Tied PV system;” *IEEE 5th International Conference on Clean Electrical Power, Italy 2015*
- “Utilization of Energy Storage to Buffer PV Output during Cloud Transients;” *International Conference on Renewable Energy Technologies, ICRET, Hong Kong 2014*.
- Power “Smoothing” of a Commercial-Size Photovoltaic System by an Energy Storage System; *IEEE Power & Energy Society, ICHQP, Romania 2014*.