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List of Publications

Journals:

- [1] **S. K. Samal**, V. K. Bussa, R. K. Singh and R. Mahanty, “Wide Operating Range Minimum Phase Interleaved Hybrid Converter with Reduced Leakage Current,” *IEEE Transactions on Industry Applications*, vol. 57, no. 2, pp. 1545-1558, March 2021.
- [2] **S. K. Samal**, R. K. Singh and R. Mahanty, “Leakage current minimization in transformer-less wide operating range interleaved minimum phase hybrid converter with improved AC output quality,” *IET Power Electronics*, vol. 13, no. 18, pp. 4214-4225, Feb. 2021.
- [3] **S. K. Samal**, R. K. Singh and R. Mahanty, “Multi Output Transformerless Hybrid Solar Inverter with No Right Half Plane Zero and Reduced Ground Current,” (**under R1 revision**) *IEEE Transactions on Industry Applications*.

Conferences:

- [1] **S. K. Samal**, R. K. Singh and R. Mahanty, “Transformerless Minimum Phase Interleaved Hybrid Converter with Low Leakage Current,” *Proc. IEEE Energy Convers. Congr. Expo.*, Baltimore, Maryland, USA, Sep. 2019, pp. 6728-6733.
- [2] **S. K. Samal**, R. K. Singh and R. Mahanty, “Multi Output Hybrid Solar Inverter with no Right Half Plane Zero and Reduced Common Mode Leakage Current,” *IAS Annual Meeting 2021*, Vancouver, BC, Canada, October 10– 14, 2021.
- [3] **S. K. Samal**, R. K. Singh and R. Mahanty, “Modified Transformerless Boost Derived Hybrid Converter with no Right Half-Plane Zero and Reduced Leakage Current,” accepted in *APEC 2022*.