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# List of Publication

## ➤ Journals

- **R. K. Keshari** and R. K. Singh, "MPPT Enabled  $L_nC_{2n-2}$  Impedance-Network Based Modular Multi-Output Non-Isolated Grid Connected Hybrid Converter with Reduced Leakage Current," in *IEEE Transactions on Industrial Electronics*.
- **R. K. Keshari** and R. K. Singh, " $L_nC_{2n-2}$  Network-Based High-Gain Modular DC-DC Converter for PV Applications with MPPT" in *IEEE Journal of Emerging and Selected Topics in Industrial Electronics*
- **R. K. Keshari**, P. Ji Barnawal, R. K. Singh and V. N. Lal, "Expandable Input Impedance Sourced Isolated Resonant Converter Operated with PSO for PSCs" in *IEEE Transactions on Industry Application*
- **R. K. Keshari**, P. Nema, S. K. Samal and R. K. Singh, "A  $L_nC_{2n-2}$  Network-Based Paralleled Dual Buck-Boost Non-Isolated Hybrid Converter with Reduced Leakage Current" in *IEEE Transactions on Industry Application* (Under Review)
- **R. K. Keshari** and R. K. Singh, "Switched  $L_2C_2$  Network-Based Multiport Converter with Reduced Leakage Current for Grid Tied and Off Grid Mode," in *IEEE Transactions on Power Electronics* (Under Review)

## ➤ Conferences

- **R. K. Keshari** and R. K. Singh, " $L_2C_2$  Network-Based Non-Isolated Multi-Output Hybrid Converter with Reduced Leakage Current," 2022 *IEEE Energy Conversion Congress and Exposition (ECCE), Detroit, MI, USA, 2022*.
- **R. K. Keshari** and R. K. Singh, "Boost Cascaded Paralleled Dual Buck-Boost Multi-Output Non-Isolated Hybrid Converter with Reduced Leakage Current," 2022 *IEEE International Conference on Power Electronics, Drives and Energy Systems (PEDES), Jaipur, India, 2022*.
- **R. K. Keshari**, P. Ji Barnawal, R. K. Singh and V. N. Lal, "A High Gain Expandable DC-DC Converter with PSO-based MPPT Tracking for Partial Shading Conditions," 2023 *IEEE 14th International Conference on Power Electronics and Drive Systems (PEDS), Montreal, QC, Canada, 2023*.
- **R. K. Keshari**, P. Nema, S. K. Samal and R. K. Singh, "A  $L_nC_{2n-2}$  Network-Based Paralleled Dual Buck-Boost Non-Isolated Multi-Output Hybrid Converter with Reduced Leakage Current," 2024 *IEEE Applied Power Electronics Conference and Exposition (APEC), Long Beach, CA, USA, 2024*.
- S. K. Samal, **R. K. Keshari**, R. K. Singh and R. Mahanty, "Non-Isolated Multi Port Inverter with Reduced Common Mode Leakage Current and Minimum Phase Property," 2024 *IEEE Applied Power Electronics Conference and Exposition (APEC), Long Beach, CA, USA, 2024*.