Comparative study of possible implementations of the flexible power electronic interface for wide-range high step-up applications in DC microgrid
Khan, Salman; **Chub, Andrii**; **Vinnikov, Dmitri**; Kasper, Matthias; Deboy, Gerald 2024 IEEE 18th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2024 / 6 p https://doi.org/10.1109/CPE-POWERENG60842.2024.10604370

Cycle-skipping technique based on sigma-delta modulation in series resonant DC transformer
Pittala, Lohith Kumar; **Chub, Andrii**; Sidorov, Vadim; **Khan, Salman**; Ricco, Mattia; Mandrioli, Riccardo 2025 IEEE Seventh International Conference on DC Microgrids (ICDCM) 2025 / 5 p http://ieeexplore.ieee.org/document/11144699 https://doi.org/10.1109/ICDCM63994.2025.11144699

Electrification of transportation: policy framework, technical aspects and challenges in Pakistan - A case study
Masood, Arsalan; Hassan, Syed Zulqadar; Kamal, Tariq; **Khan, Salman**; Rizvi, Syed Asad Abbas; Salman, Salman e-Prime - Advances in Electrical Engineering, Electronics and Energy 2024 / art. 100803, 18 p. : ill https://doi.org/10.1016/j.prime.2024.100803 Journal metrics at Scopus Article at Scopus

Enhanced switched impedance inverter with tapped inductor
Nozadian, Mohsen Hasan Babayi; **Hassanpour, Naser**; **Khan, Salman** 2024 IEEE 18th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2024 / 6 p https://doi.org/10.1109/CPE-POWERENG60842.2024.10604411

An overview of wide-voltage range isolated DC-DC converters
Khan, Salman; **Chub, Andrii**; **Vinnikov, Dmitri** 2023 IEEE 64th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), Riga, Latvia, October 9-10, 2023 : conference proceedings 2023 / 6 p https://doi.org/10.1109/RTUCON60080.2023.10413144

Performance comparison of voltage-fed and current-fed series resonant converters for high step-up DC-DC applications
Khan, Salman; **Chub, Andrii**; **Vinnikov, Dmitri** 2025 IEEE 19th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2025 / 6 p https://doi.org/10.1109/CPE-POWERENG63314.2025.11027290

Reliability evaluation of the universal power electronic interface converter for PV applications
Khan, Salman; **Chub, Andrii**; **Vinnikov, Dmitri**; Kasper, Matthias; Deboy, Gerald 2024 IEEE 21st International Power Electronics and Motion Control Conference (PEMC) 2024 / 8 p https://doi.org/10.1109/PEMC61721.2024.10726360

Startup implementation in universal power electronics interface with dual-standard output for DC microgrid applications
Chauhan, Sachin; **Khan, Salman**; **Chub, Andrii**; **Vinnikov, Dmitri**; Wunder, Bernd; Flores-Bahamonde, Freddy 2025 IEEE 19th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2025 / 6 p https://doi.org/10.1109/CPE-POWERENG63314.2025.11027310

Wide voltage gain current-fed isolated buck-boost series-resonant DC-DC converter with active clamp for DC microgrid applications
Khan, Salman; **Chub, Andrii**; **Vinnikov, Dmitri**; **Kasper, Matthias**; **Deboy, Gerald**; **Sachin, Chauhan** 2025 IEEE Seventh International Conference on DC Microgrids (ICDCM) 2025 / 5 p https://doi.org/10.1109/ICDCM63994.2025.11144687 https://ieeexplore.ieee.org/document/11144687

Wide voltage gain range galvanically isolated DC-DC converters - an overview
Khan, Salman 22nd International Symposium “Topical Problems in the Field of Electrical and Power Engineering”. Doctoral School of Energy and Geotechnology III : Pärnu, Estonia, August 23-26, 2023 2023 / p. 61-62 : ill https://www.ester.ee/record=b5570906*est