

**A new coupled-inductor-based buck/boost DC/DC converter with soft switching for DC microgrid applications**

**Maheri, Hamed Mashinchi**; Heris, Pedram Chavoshpour; Saadatizadeh, Zahra; Babaei, Ebrahim; **Vinnikov, Dmitri** IEEE 15th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2021 / p. 1-6  
<https://doi.org/10.1109/CPE-POWERENG50821.2021.9501195>

**Single switch multi-winding wireless power transfer system based on Z-source network**

Kroics, Kaspars; **Husev, Oleksandr**; Pakhaliuk, Bohdan 2018 20th European Conference on Power Electronics and Applications (EPE'18 ECCE Europe) : Riga, Latvia, 17-21 September 2018 2018 / p. 2465-2474 : ill <https://ieeexplore.ieee.org/document/8515602>