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Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Variable Carrier Phase Shift Method for Integrated Contactless Field Excitation System of Electrically Excited Synchronous Motors**
AYAZ E., ALTUN O., KEYSAN O.
IEEE Transactions on Power Electronics, vol.38, no.10, pp.13243-13253, 2023 (SCI-Expanded)
- II. **Carrier Phase Shift Method of SPWM for Concurrent Wired and Wireless Power Transfer Systems**
AYAZ E., ALTUN O., KEYSAN O.
IEEE Transactions on Industrial Electronics, vol.70, no.9, pp.8645-8654, 2023 (SCI-Expanded)
- III. **Fault Tolerant Multi-Tx/Multi-Rx Inductive Power Transfer System with a Resonator Coil**
AYAZ E., ALTUN O., POLAT H., KEYSAN O.
IEEE Journal of Emerging and Selected Topics in Power Electronics, vol.11, no.1, pp.1272-1284, 2023 (SCI-Expanded)
- IV. **Balancing of Common DC-Bus Parallel Connected Modular Inductive Power Transfer Systems**
POLAT H., AYAZ E., ALTUN O., KEYSAN O.
IEEE Journal of Emerging and Selected Topics in Power Electronics, vol.10, pp.1587-1596, 2022 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Generalized Model of Modular Two Element Compensated IPT Systems with Common DC-Bus**
AYAZ E., ALTUN O., POLAT H., KEYSAN O.
Wireless Power Week (WPW), Bordeaux, France, 5 - 08 July 2022, pp.260-265
- II. **A Modular Inductive Power Transfer System for Synchronous Machine Field Excitation**
ALTUN O., AYAZ E., POLAT H., KEYSAN O.
Wireless Power Week (WPW), Bordeaux, France, 5 - 08 July 2022, pp.476-481
- III. **Solar power generation analysis and forecasting real-world data using LSTM and autoregressive CNN**
tosun n., sert e., AYAZ E., YILMAZ e., GÖL M.
3rd International Conference on Smart Energy Systems and Technologies, SEST 2020, Virtual, Istanbul, Turkey, 7 - 09 September 2020

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