Modular MV naturally balanced converter with high-frequency isolation and no DC-Link capacitor for EV fast charging Blinov, Andrei; Chub, Andrei; Guler, Naki; Bayhan, Sertac; Parsa, Leila; Vinnikov, Dmitri IEEE Transactions on Transportation Electrification 2024 / 9 p https://doi.org/10.1109/TTE.2024.3399329

## Sliding mode control based on super twisting algorithm for single-stage on-board charger

Guler, Naki; Komurcugil, Hasan; Bayhan, Sertac; **Vinnikov, Dmitri**; **Blinov, Andrei** 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 6 p <a href="https://doi.org/10.1109/CPE-POWERENG58103.2023.10227481">https://doi.org/10.1109/CPE-POWERENG58103.2023.10227481</a>

## Super twisting sliding mode control strategy for input series output parallel converters

Guler, Naki; Bayhan, Sertac; Fesli, Ugur; **Blinov, Andrei**; **Vinnikov, Dmitri** IEEE Access 2023 / p. 107394 - 107403 <a href="https://doi.org/10.1109/ACCESS.2023.3320178">https://doi.org/10.1109/ACCESS.2023.3320178</a> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS