Overview of bidirectional unfolding converters for battery energy storage systems

Bubovich, Alexander; Vorobyov, Maxim; Galkin, Ilja; **Blinov, Andrei**; Giannakis, Andreas 2022 IEEE 13th International Symposium on Power Electronics for Distributed Generation Systems (PEDG) 2022 / 7 p <u>https://doi.org/10.1109/PEDG54999.2022.9923093</u>

Reactive power control for bidirectional isolated high-frequency link converter

Emiliani, Pietro; Blinov, Andrei; Peftitsis, Dimosthenis; Giannakis, Andreas; Vinnikov, Dmitri 2022 International Symposium on Power Electronics, Electrical Drives, Automation and Motion (SPEEDAM) 2022 / p. 372-376 https://doi.org/10.1109/SPEEDAM53979.2022.9842131

A three-level voltage-source gate driver for SiC MOSFETs in synchronous rectification mode

Giannakis, Andreas; Philipps, Daniel; **Blinov, Andrei**; Peftitsis, Dimosthenis 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 6 p <u>https://doi.org/10.1109/CPE-POWERENG58103.2023.10227462</u>