## Accuracy analysis of dual active bridge simulations under different integration methods

Arena, Gabriele; Vinnikov, Dmitri; Chub, Andrii; de Carne, Giovanni 2022 AEIT International Annual Conference (AEIT) : October 3-5, 2022 2022 / p. 1-6 <u>https://doi.org/10.23919/AEIT56783.2022.9951711</u>

## DC fast charging of electric vehicles : a review on architecture and power conversion technology

Arena, Gabriele; **Emiliani, Pietro**; **Chub, Andrii**; **Vinnikov, Dmitri**; de Carne, Giovanni 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 6 p <u>https://doi.org/10.1109/CPE-POWERENG58103.2023.10227492</u>

## Predictive control for isolated matrix rectifier without current distortion at sector boundary

Emiliani, Pietro; Blinov, Andrei; de Carne, Giovanni; Arena, Gabriele; Vinnikov, Dmitri 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 6 p <u>https://doi.org/10.1109/CPE-POWERENG58103.2023.10227405</u>

## Three-phase four wire high-frequency link converter for residential DC grids

**Emiliani, Pietro**; **Blinov, Andrei**; de Carne, Giovanni; Arena, Gabriele; **Vinnikov, Dmitri** 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 5 p <u>https://doi.org/10.1109/CPE-POWERENG58103.2023.10227416</u>