

Microgrid applications riga

1. J. Dadkhah, C. Ho, Y. Xu and J. Liu, "Comprehensive study and performance evaluation of an interleaved GaN-based PFC with magnetic component size reduction", IEEE Trans. Ind. Electron. (Early Access) (PDF)
2. J. Dadkhah, C. Ho, and K. Siu, "Three-phase Transformerless PV Inverter with Reconfigurable LCL Filter and Reactive Power Capability", IEEE Trans. Power Electron., vol. 39, no. 7, pp. 8229-8241, July 2024. (PDF)
3. S. Jayamaha, C. Ho, and A. Rajapakse, "Parallel/Series Connected Standardized Active Switching Modules for High Power DCCBs in MVDC Networks", IEEE Trans. Power Electron. vol. 39, no. 8, pp. 9602-9613, Aug. 2024. (PDF)
1. R. Abdalaal, and C. Ho, "System Modeling and Stability Analysis of Single-Phase Transformerless UPQC Integrated Input Grid Voltage Regulation", IEEE J. Emerg. Sel. Topics Ind. Electron., vol. 3, no. 3, pp. 670-682, July 2022. (PDF)
2. I. Jayawardana, C. Ho, and Y Zhang, "A Comprehensive Study and Validation of a Power-HIL Testbed for Evaluating Grid-Connected EV Chargers", IEEE J. Emerg. Sel. Topics Power Electron., vol. 10, no. 2, pp. 2395-2410, April 2022. (PDF)
3. M. Pokharel, and C. Ho, "Development of Interface Model and Design of Compensator to Overcome Delay Response in a PHIL Setup for Evaluating a Grid-Connected Power Electronic DUT ", IEEE Trans. on Industry Applications, vol. 58, no. 3, pp. 4109-4121, May-June 2022. (PDF)
4. J. Dadkhah, C. Ho, K. Siu and R. Li, "Magnetic Components Reduction in Three-phase PFC Converter by Using Reconfigurable LCL Filter", IEEE Trans. Power Electron., vol. 37, no. 12, pp. 14926-14943, Dec. 2022. (PDF)
1. D. Li, and C. Ho, "A Module-Based Plug-n-Play Dc Microgrid with Fully Decentralized Control for IEEE Empower a Billion Lives Competition", IEEE Trans. on Power Electronics, vol. 36, no. 2, pp. 1764-1776, Feb. 2021. (PDF)
2. I. Jayawardana, C. Ho, and Y. He, "Boundary Control with Corrected Second-order Switching Surface for Buck Converters Connected to Capacitive Loads", IEEE Journal of Emerging and Selected Topics in Power Electronics, vol. 9, no. 1, pp. 183-196, Feb. 2021. (PDF)
3. M. Pokharel, and C. Ho, "Stability Analysis of Power Hardware in the Loop (PHIL) Architecture with Solar Inverter", IEEE Trans. on Industrial Electronics, vol. 68, no. 5, pp. 4309-4319, May 2021. (PDF)

4. K. Siu, C. Ho, and D. Li, "Design and Analysis of a Bidirectional Hybrid Dc Circuit Breaker using Ac Relays with Long Life Time", IEEE Trans. on Power Electronics, vol. 36, no. 3, pp. 2889-2900, March 2021. (PDF)

5. R. Abdalaal and C. Ho, "Characterization of Commercial LED Lamps for Power Quality Studies," Canadian Journal of Electrical and Computer Engineering, vol. 44, no. 2, pp. 94-104, Spring 2021. (PDF)

Contact us for free full report

Web: <https://sumthingtasty.co.za/contact-us/>

Email: energystorage2000@gmail.com

WhatsApp: 8613816583346

