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Paper Title : Supertwisting Sliding Mode based MPPT and Adaptive SPWM for PV-Fuel Cell Hybrid System with 2-level Boost Converter

Bio :

Ruhi Zafer Çağlayan received the bachelor's degree in electrical-electronics engineering from Gazi University, Ankara, Turkey, in 2021, with English Program. He was also received the Master of Science degree in the Electrical and Electronics Engineering. He is currently pursuing the Ph.D. degree in electrical and electronics engineering at thesis study.

He was a Research Assistant of Electrical and Electronics Engineering in Ostim Technical University, Ankara, from 2022 to 2023 and he is currently Research Assistant of Computer Engineering with TED University, Ankara. In 2025, He granted a Second Best paper Award in icSmartGrid 2025 Conference. He granted Best Paper Award in 2026 International Conference on Cybersecurity, Digital Forensics, and AI Applications (ICCSDFAI) Conference.