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Paper Title : A Novel Inverter-Based MPPT in Grid-Connected PV Systems Using Sliding Mode Control with Moving Average and Chattering Mitigation

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 granded a Second Best paper Award in icSmartGrid 2025 Conference.