

Published Journal Papers

1. Ibtissam Kharchouf, Mahmoud. S. Abdelrahman, and Osama A. Mohammed, "Cyber Threats Impact Assessment and Lightweight Real-Time Network Intrusion Detection in IEC 61850-based Substation Automation System", in IEEE Transactions on Industry Application (IAS), (Accepted for Publication)
2. Ibtissam Kharchouf, and Osama A. Mohammed, "Distributed Resilient Control for an Islanded AC microgrid Under deception and disruption cyber-attacks", in Energies (Under Review)
3. O. Ali.; T.-L Nguyen; Osama A. Mohammed, Assessment of Cyber-Physical Inverter-Based Microgrid Control Performance under Communication Delay and Cyber-Attacks. Appl. Sci. 2024, 14, 997. <https://doi.org/10.3390/app14030997>.
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10. A. S. Soliman, S. M. Sajjad Hossain Rafin and O. A. Mohammad, "Enhanced DC Voltage Regulation and Power Sharing through Intelligent Data-Driven Control for Power Converters in DC Microgrid Applications" in IEEE Transactions on Industry Applications (2024). (under review)
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