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Personal Information

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Education Information

Doctorate, Ankara Yildirim Beyazit University, Mühendislik Ve Doğa Bilimleri Fakültesi, Elektrik-Elektronik Mühendisliği, Turkey 2018 - Continues

Undergraduate, Ankara Yildirim Beyazit University, Mühendislik Ve Doğa Bilimleri Fakültesi, Elektrik-Elektronik Mühendisliği, Turkey 2016 - 2018

Undergraduate, Yildiz Technical University, Faculty Of Electrical & Electronics, Electrical Engineering Department, Turkey 2010 - 2014

Certificates, Courses and Trainings

Renewable Energy Sources, 5. Yenilenebilir Enerji Kaynakları Kış Okulu, Afyon Kocatepe Üniversitesi, 2020

Dissertations

Postgraduate, A CASE STUDY ON POWER QUALITY PERFORMANCE OF ELECTRICAL DISTRIBUTION NETWORK AND RECOMMENDATIONS FOR A POWER QUALITY DIAGNOSIS APPROACH, Ankara Yildirim Beyazit University, Mühendislik ve Doğa Bilimleri Fakültesi, Elektrik-Elektronik Mühendisliği, 2018

Research Areas

Energy, Power System Analysis, Generating Stations and Plants, Electric Power Transmission, Distribution and Protection, Renewable energy, High Voltage Technique, Power Electronics

Academic Titles / Tasks

Research Assistant, Ankara Yildirim Beyazit University, Mühendislik Ve Doğa Bilimleri Fakültesi, Elektrik-Elektronik Mühendisliği, 2016 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Microcontroller-based aging test system design and implementation for medium voltage cables**
Özer T., YALMAN Y., Kıvrak S.
Electric Power Systems Research, vol.214, 2023 (SCI-Expanded)
- II. **Data-Driven Approach for Estimating Power and Fuel Consumption of Ship: A Case of Container Vessel**

Uyanık T., Yalman Y., Kalenderli Ö., Arslanoğlu Y., Terriche Y., Su C., Guerrero J. M.
Mathematics, vol.10, no.22, 2022 (SCI-Expanded)

III. Implementation of Voltage Sag Relative Location and Fault Type Identification Algorithm Using Real-Time Distribution System Data

YALMAN Y., Uyanık T., TAN A., BAYINDIR K. Ç., Terriche Y., Su C., Guerrero J. M.
Mathematics, vol.10, no.19, 2022 (SCI-Expanded)

IV. Prediction of Voltage Sag Relative Location with Data-Driven Algorithms in Distribution Grid

YALMAN Y., Uyanık T., ATLI İ., TAN A., BAYINDIR K. Ç., KARAL Ö., Golestan S., Guerrero J. M.
Energies, vol.15, no.18, 2022 (SCI-Expanded)

V. Grid code requirements – A case study on the assessment for integration of offshore wind power plants in Turkey

Çelik Ö., YALMAN Y., TAN A., BAYINDIR K. Ç., Çetinkaya Ü., Akdeniz M., Chaudhary S. K., Høyer M., Guerrero J. M.
Sustainable Energy Technologies and Assessments, vol.52, 2022 (SCI-Expanded)

VI. Thermoelectric Generators as an Alternative Energy Source in Shipboard Microgrids

Uyanık T., Ejder E., Arslanoğlu Y., YALMAN Y., Terriche Y., Su C., Guerrero J. M.
Energies, vol.15, no.12, 2022 (SCI-Expanded)

VII. Impacts of Large-scale Offshore Wind Power Plants Integration on Turkish Power System

YALMAN Y., Celik O., TAN A., BAYINDIR K. Ç., Cetinkaya U., Yesil M., Akdeniz M., Tinajero G. D. A., Chaudhary S. K., Guerrero J. M., et al.
IEEE Access, vol.10, pp.83265-83280, 2022 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

I. design and Analysis of Two Outputs Flyback Converter

Yalman Y.

1. Ulusal Elektrik Enerjisi Dönüşümü Kongresi, Elazığ, Turkey, 21 - 22 September 2017, pp.1-5

II. Design and Implementation of the Three Phase H-bridge Motor Drive Controlled by two DC Motors using PID controller

Yalman Y.

MECHANIKA 2017, Kaunas, Lithuania, 20 January - 23 February 2020, pp.1-4

Metrics

Publication: 9

Citation (Scopus): 8

H-Index (Scopus): 2