

Asst. Prof. HATİCE OKUMUŞ

Personal Information

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International Researcher IDs

ScholarID: OlnJzZIAAAAJ

ORCID: 0000-0003-4074-2503

Publons / Web Of Science ResearcherID: AAW-2966-2020

ScopusID: 57201854212

Yoksis Researcher ID: 215958

Education Information

Doctorate, The Queen's University of Belfast, School of Electronics, Electrical Engineering and Computer Science, England 2022 - 2022

Doctorate, Karadeniz Technical University, Mühendislik Fakültesi, Elektrik-Elektronik, Turkey 2016 - 2022

Postgraduate, Karadeniz Technical University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 2014 - 2016

Undergraduate, Karadeniz Technical University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 2010 - 2014

Foreign Languages

English, B2 Upper Intermediate

Research Areas

Signal Processing, Pattern Recognition and Analysis, Electrical and Electronics Engineering, Energy, Power System Analysis, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Karadeniz Technical University, Mühendislik Fakültesi, Elektrik-Elektronik, 2023 - Continues

Research Assistant, Karadeniz Technical University, Mühendislik Fakültesi, Elektrik-Elektronik, 2014 - 2023

Published journal articles indexed by SCI, SSCI, and AHCI

- Hardware-Based Novel Applications to Locate Faults in Branched Distribution Systems**
OKUMUŞ H., NUROĞLU F. M.
ELECTRIC POWER COMPONENTS AND SYSTEMS, vol.51, no.20, pp.2512-2522, 2023 (SCI-Expanded)

II. **A random forest-based approach for fault location detection in distribution systems**

Okumuş H., Nuroğlu F. M.

ELECTRICAL ENGINEERING, vol.103, no.1, pp.257-264, 2021 (SCI-Expanded)

Articles Published in Other Journals

I. **Broken Rotor Bar Fault Detection in Induction Motors Through Power Spectral Density to Image Method**

Okumuş H., Ergün E.

SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES, vol.1, no.12, pp.1-12, 2024 (ESCI)

II. **Smart Solution for Smart Schools: NFC-Based Attendance System**

Sali O., Okumuş H.

International Research Journal of Engineering and Technology (IRJET), vol.11, no.6, pp.491-495, 2024 (Peer-Reviewed Journal)

III. **Wavelet Based Fault Detection and Classification Algorithm for a Real Distribution Feeder**

Okumuş H., Nuroğlu F. M.

EMITTER International Journal of Engineering Technology, vol.7, no.1, pp.384-399, 2019 (ESCI)

IV. **Modelling the PV System In Order To Obtain Energy Producing Capacity Using Actual System Parameters, Irradiation and Weather Temperature**

Okumuş H., Nuroğlu F. M.

International Journal of Engineering Research and Development (IJERAD), vol.10, no.2, pp.40-52, 2018 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. **Event Detection and Classification Algorithm Using Wide Area Measurement Systems**

OKUMUŞ H., NUROĞLU F. M.

6th IEEE International Conference on Smart Energy Grid Engineering, SEGE 2018, Oshawa, Canada, 12 - 15 August 2018, pp.230-233

II. **Power System Event Classification Based on Machine Learning**

OKUMUŞ H., NUROĞLU F. M.

3rd International Conference on Computer Science and Engineering (UBMK), Sarajevo, Bosnia And Herzegovina, 20 - 23 September 2018, pp.402-405

III. **Random Forest Classification for Brain Computer Interface Applications**

OKUMUŞ H., AYDEMİR Ö.

25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017

IV. **Investigation of the Two Most Discriminative Directions of the Wrist Movement Imagery Tasks**

AYDIN M., OKUMUŞ H., AYDEMİR Ö., Okumus H. I. ..

10th International Conference on Electrical and Electronics Engineering (ELECO), Bursa, Turkey, 30 November - 02 December 2017, pp.568-571

V. **Modeling and Simulation of PV Modules with Voltage Feedback in MATLAB/Simuink**

OKUMUŞ H., NUROĞLU F. M.

Proceedings of 2016 International Conference on Image Processing, Production and Computer Science (ICIPCS'2016), Londra, United Kingdom, 26 - 27 March 2016, pp.10-16

Supported Projects

NUROĞLU F. M., OKUMUŞ H., Project Supported by Higher Education Institutions, Arıza Yeri Tespit Cihazı Geliştirilmesi,

2021 - 2022

Metrics

Publication: 11

Citation (WoS): 28

Citation (Scopus): 36

H-Index (WoS): 3

H-Index (Scopus): 3

Scholarships

2214-A Yurt Dışı Doktora Sırası Araştırma Burs Programı, TÜBİTAK, 2022 - 2022

Non Academic Experience

Queens University Belfast