

## Res. Asst. ABDULLAH AKSOY

### Personal Information

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### International Researcher IDs

ORCID: 0000-0002-2400-989X

Publons / Web Of Science ResearcherID: AAH-3945-2021

ScopusID: 58085123500

Yoksis Researcher ID: 317952

### Education Information

Doctorate, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, ELEKTRİK-ELEKTRONİK MÜHENDİSLİĞİ, Turkey 2022 - Continues

Postgraduate, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, ELEKTRİK-ELEKTRONİK MÜHENDİSLİĞİ, Turkey 2020 - 2022

Postgraduate, Eskişehir Technical University, Faculty Of Engineering, Department Of Electrical And Electronics Engineering (English), Turkey 2019 - 2020

Undergraduate, Eskişehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Elektrik Elektronik Mühendisliği Bölümü, Turkey 2012 - 2018

### Foreign Languages

English, C1 Advanced

### Certificates, Courses and Trainings

Entrepreneurship, tübitak 1601 girişimcilik eğitimi, eskişehir osmangazi üniversitesi, 2017

### Research Areas

Artificial Intelligence, Computer Learning and Pattern Recognition

### Academic Titles / Tasks

Research Assistant, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, ELEKTRİK-ELEKTRONİK MÜHENDİSLİĞİ, 2020 - Continues

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Automatic recognition of different 3D soliton wave types using deep learning methods**  
Aksoy A., Yiğit E.  
NONLINEAR DYNAMICS, no.112, pp.1-14, 2024 (SCI-Expanded)
- II. **Detection of moisture of flowing grain with a novel deep learning structure using 2D spectrogram data**  
YİĞİT E., AKSOY A., Duysak H., Işiker H.  
Computers and Electronics in Agriculture, vol.224, 2024 (SCI-Expanded)
- III. **Automatic soliton wave recognition using deep learning algorithms**  
Aksoy A., Yiğit E.  
CHAOS SOLITONS & FRACTALS, vol.174, 2023 (SCI-Expanded)
- IV. **Soliton wave parameter estimation with the help of artificial neural network by using the experimental data carried out on the nonlinear transmission line**  
AKSOY A., YENİKAYA S.  
CHAOS SOLITONS & FRACTALS, vol.169, 2023 (SCI-Expanded)

### Articles Published in Other Journals

- I. **SOLITON WAVE GENERATION ON NONLINEAR TRANSMISSION LINES USING A PARTICLE SWARM OPTIMIZATION (PSO) ALGORITHM**  
Aksoy A., Yenikaya S.  
Uludağ Üniversitesi Mühendislik Fakültesi Dergisi, vol.27, no.1, pp.389-402, 2022 (Peer-Reviewed Journal)

### Refereed Congress / Symposium Publications in Proceedings

- I. **Parameter estimation for nonlinear transmission line design using the artificial neural network model**  
AKSOY A., YENİKAYA S.  
4th International Engineering Research Symposium, Düzce, Turkey, 23 February 2022
- II. **RF Soliton Wave Design on Nonlinear Transmission Lines**  
Aksoy A., Yenikaya S.  
X. URSI-TÜRKİYE 2021 BİLİMSEL KONGRESİ, Kocaeli, Turkey, 7 - 09 September 2021

### Metrics

Publication: 7

Citation (WoS): 6

Citation (Scopus): 7

H-Index (WoS): 2

H-Index (Scopus): 2