

Lect. SELDA ATALAR

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAJ-8878-2021

Yoksis Researcher ID: 151947

Education Information

Doctorate, Karadeniz Technical University, -, Bilgisayar Mühendisliği, Turkey 2009 - Continues

Postgraduate, Karadeniz Technical University, -, Bilgisayar Mühendisliği, Turkey 2006 - 2009

Undergraduate, Karadeniz Technical University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey 2000 - 2006

Dissertations

Postgraduate, İŞARET DİLİNİN BİLGİSAYARLI YORUMLANMASI, Karadeniz Technical University, -, Bilgisayar Mühendisliği, 2009

Research Areas

algorithms, Computer Vision, Artificial Intelligence, Computer Learning and Pattern Recognition, Programming Languages, Software Engineering

Academic Titles / Tasks

Lecturer, Karadeniz Technical University, Of Teknoloji Fakültesi, Yazılım Mühendisliği, 2017 - Continues

Research Assistant, Karadeniz Technical University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2007 - 2015

Published journal articles indexed by SCI, SSCI, and AHCI

- American Sign Language Recognition Model Using Complex Zernike Moments and Complex-Valued Deep Neural Networks**
Bayrak S., Nabiye V., Atalar C.
IEEE Access, 2024 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Real-Time Recognition of American Sign Language Using Complex Zernike Moments**
Bayrak S., Nabyev V., Atalar C.
6TH INTERNATIONAL CONFERENCE ON APPLIED ENGINEERING AND NATURAL SCIENCES ICAENS 2024, Konya, Turkey, 25 September - 26 October 2024, pp.560-565
- II. **Intelligent Communication Between Hearing Disabled People And Visual Disabled People**
Nabyev V., Bayrak S., Üstübiođlu A.
The Second International Conference "Problems of Cybernetics and Informatics", Baku, Azerbaijan, 11 - 13 October 2008, pp.10-14
- III. **An Artificial Neural Network Approach for sign Language Vowels Recognition**
Bayrak S., Nabyev V., Köse C.
The International Conference Problems of Cybernetics and Informatics, Baku, Azerbaijan, 24 - 26 October 2006, vol.3, pp.17-20
- IV. **Recognition of vowels letters of Turkish sign language by artificial neural networks**
Bayrak S., Nabyev V.
2006 IEEE 14th Signal Processing and Communications Applications, Antalya, Turkey, 17 - 19 April 2006, pp.125-129
- V. **Türk İşaret Dilinin Tanınmasında Sezgisel Yaklaşım**
Bayrak S., Nabyev V.
ASYU 06 Sempozyumu, İstanbul, Turkey, 17 - 19 June 2006, pp.32-36

Metrics

Publication: 6

Non Academic Experience

KARADENİZ TEKNİK ÜNİVERSİTESİ