

# Asst. Prof. ERDİNÇ KARAKULLUKÇU



## Personal Information

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**Address:** Karadeniz Teknik Üniversitesi, Fen Fakültesi, İstatistik ve Bilgisayar Bilimleri Bölümü, 61080, Ortahisar/Trabzon

## International Researcher IDs

ORCID: 0000-0001-8805-1694

Publons / Web Of Science ResearcherID: AAS-4202-2020

Yoksis Researcher ID: 29116

## Education Information

2013 - 2020	Doctorate, Karadeniz Technical University, Fen Fakültesi, Bilgisayar Bilimleri, Turkey
2010 - 2012	Postgraduate, University of North Carolina at Chapel Hill, Faculty Of Arts And Sciences, Department Of Statistics And Operations Research, United States Of America
2004 - 2008	Undergraduate, Karadeniz Technical University, Fen Fakültesi, Bilgisayar Bilimleri, Turkey

## Foreign Languages

English, B2 Upper Intermediate

## Certificates, Courses and Trainings

2009	Certificate of Completion of Level 112 of the Intensive English Program, Foreign Language, ELS Language Centers, Philadelphia, Pennsylvania, USA
2009	Certificate of Merit for Excellence in Scholarship, Foreign Language, ELS Language Centers, Philadelphia, Pennsylvania, USA
2009	İngilizce Eğitim Sertifası, Foreign Language, Marmara Üniversitesi

## Dissertations

2020	Yanık görüntülerinin çok değişkenli istatistiksel yöntemler ve derin öğrenme yaklaşımları ile analizi, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Statistics and Computer Sciences, Doctorate
2012	A Study on Caffeine Therapy for Apnea of Prematurity in Neonates at North Carolina Children's Hospital, University of North Carolina at Chapel Hill, Department of Statistics and Operations Research, Postgraduate

## Research Areas

Computer Sciences, Computer Vision, Artificial Intelligence, Computer Learning and Pattern Recognition, Pattern Recognition and Image Processing, Biomedical Engineering, Biomedical Image Processing, Statistics, Statistical Analysis and Applications

## Academic Titles / Tasks

2021 - Continues	Assistant Professor, Karadeniz Technical University, Fen Fakültesi, Bilgisayar Bilimleri
2020 - 2021	Research Assistant PhD, Karadeniz Technical University, Fen Fakültesi, Bilgisayar Bilimleri
2013 - 2020	Research Assistant, Karadeniz Technical University, Fen Fakültesi, Bilgisayar Bilimleri

## Academic and Administrative Experience

2021 - 2024	Internship Coordinator, Karadeniz Technical University, Fen Fakültesi, Bilgisayar Bilimleri
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## Courses

2024 - 2025	Undergraduate
2024 - 2025	İstatistiksel Veri Analizi ve Yorumlama, Postgraduate
2023 - 2024	Undergraduate
2023 - 2024	Undergraduate
2023 - 2024	Olasılık ve İstatistik, Undergraduate
2023 - 2024	Olasılığa Giriş, Undergraduate
2023 - 2024	İstatistikte Bilgisayar Uygulamaları I, Undergraduate
2021 - 2022	Undergraduate
2021 - 2022	Undergraduate
2021 - 2022	Temel İstatistiksel Yöntemler, Undergraduate

## Jury Memberships

September 2022	Post Graduate, Post Graduate, Karadeniz Teknik Üniversitesi
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## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A gender stratified controlled descriptive study to identify how specific food and drink consumption differentiate in MS**  
DELİKANLI AKBAY G., KARAKULLUKÇU E., AKYOL MUTLU A.  
PROGRESS IN NUTRITION, vol.23, no.1, 2021 (SCI-Expanded)
- II. **A Controlled Descriptive Study to Determine the Nutritional Status and Biochemical Parameters of Multiple Sclerosis Patients.**  
Akbay G., Karakullukçu E., Mutlu A.  
Neurology India, vol.68, pp.867-874, 2020 (SCI-Expanded)
- III. **Automatic classification of skin burn colour images using texture-based feature extraction**  
ŞEVİK U., KARAKULLUKÇU E., BERBER T., AKBAŞ Y., TÜRKYILMAZ S.  
IET IMAGE PROCESSING, vol.13, no.11, pp.2018-2028, 2019 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Investigation of Nutritional Status and Nutritional Knowledge Levels of Staff Working in A Physical Therapy and Rehabilitation Hospital**  
Delikanlı Akbay G., Karakullukçu E.  
Bilecik Şeyh Edebali Üniversitesi Sağlık Bilimleri Fakültesi Dergisi, vol.1, no.1, pp.1, 2024 (Peer-Reviewed Journal)
- II. **Nutritional health, supplement and herbal product use, and Mediterranean diet evaluation among**

### **Turkish university students**

Delikanlı Akbay G., Karakullukçu E.

MEDITERRANEAN JOURNAL OF NUTRITION AND METABOLISM, vol.0, no.0, pp.1-13, 2024 (ESCI)

### **III. The Validity and Reliability of The Turkish Version of The Social Curiosity Scale**

KARAKULLUKÇU S., KARAKULLUKÇU E., BAL B., Kazak A., Karakullukcu A.

ISTANBUL UNIVERSITESI SOSYOLOJİ DERGISI-ISTANBUL UNIVERSITY JOURNAL OF SOCIOLOGY, no.3, pp.133-151, 2022 (ESCI)

### **IV. Determination of Lipid Profile and Anthropometric Measurements of Multiple Sclerosis Patients: A Controlled Descriptive Study**

Akbay G., KARAKULLUKÇU E., Mutlu A. A., Besler H. T.

TURKISH JOURNAL OF NEUROLOGY, vol.25, no.4, pp.218-228, 2019 (ESCI)

## **Refereed Congress / Symposium Publications in Proceedings**

- I. **Use of Haralick Features for the Classification of Skin Burn Images and Performance Comparison of k-Means and SLIC Methods**  
KARAKULLUKÇU E., ŞEVİK U.  
10th INTERNATIONAL STATISTICS CONGRESS (ISC2017), Ankara, Turkey, 6 - 08 December 2017, pp.24
- II. **SEGMENTATION AND TEXTURE BASED CLASSIFICATION OF BURN COLOR IMAGES**  
KARAKULLUKÇU E., ŞEVİK U.  
International Conference on Computational and Statistical Methods in Applied Sciences (COSTAS 2017), Samsun, Turkey, 9 - 11 November 2017, pp.149-151
- III. **Mikro Veri Kullanarak Popülasyon Sentezleme**  
İREY ZOBA S., KARAKULLUKÇU E., ŞEVİK U.  
10th International Statistics Days Conference, Giresun, Turkey, 7 - 09 October 2016, pp.559-570

## **Supported Projects**

2016 - 2020	Yanık Hastalarının 3-Boyutlu Modellenmesi, Project Supported by Higher Education Institutions
2016 - 2018	Cloud Based Retina Analysis System (RETİNA), TUBITAK Project

## **Scientific Refereeing**

August 2024	SOFT COMPUTING, SCI Journal
July 2024	SOFT COMPUTING, SCI Journal
December 2023	Journal of New Theory, National Scientific Refreed Journal
September 2023	IEEE TRANSACTIONS ON FUZZY SYSTEMS, SCI Journal

## **Metrics**

Publication: 11  
Citation (WoS): 24  
Citation (Scopus): 32  
H-Index (WoS): 1  
H-Index (Scopus): 1

## **Congress and Symposium Activities**

2017	10th International Statistics Congress (ISC2017), Attendee, Ankara, Turkey
2017	International Conference on Computational and Statistical Methods in Applied Sciences (COSTAS 2017), Attendee, Samsun, Turkey

## Scholarships

2014 - 2018	2211 - Yurt İçi Lisansüstü Burs Programı, TÜBİTAK
2005 - 2008	TEV Yurt İçi Lisans Bursu, Foundation

## Awards

May 2019	Fakülteler Arası Futbol Turnuvası 3.lüğü (Teknik Sorumlu Görevinde), Karadeniz Teknik Üniversitesi
May 2018	Fakülteler Arası Futbol Turnuvası 2.liği (Teknik Sorumlu Görevinde), Karadeniz Teknik Üniversitesi
June 2008	Fen Edebiyat Fakülte Birinciliği, İstatistik ve Bilgisayar Bilimleri Bölümü Sınıf Birinciliği, Karadeniz Teknik Üniversitesi
May 2008	Fakülteler Arası Futbol Turnuvası 3.lüğü (Oyuncu Görevinde), Karadeniz Teknik Üniversitesi
May 2007	Fakülteler Arası Futbol Turnuvası 3.lüğü (Oyuncu Görevinde), Karadeniz Teknik Üniversitesi

## Non Academic Experience

2012 - 2013	Other Public Institution, Trabzon İl Milli Eğitim Müdürlüğü
2012 - 2013	Trabzon İl Milli Eğitim Müdürlüğü