

## Res. Asst. KEVSER ÖZDEM KARACA

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: HRY-5864-2023

ScopusID: 57246660900

Yoksis Researcher ID: 314824

### Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Computer Engineering (Dr), Turkey 2021 - Continues

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (YI) (Tezli), Turkey 2019 - 2021

Undergraduate, Gazi University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, Turkey 2015 - 2019

### Dissertations

Postgraduate, Deep Learning Based Large-Scale Document Clustering with Content-Based Similarity, Gazi University, Fen Bilimleri Enstitüsü, Computer Engineering, 2021

### Research Areas

Computer Sciences, Engineering and Technology

### Academic Titles / Tasks

Research Assistant, Gazi University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2019 - Continues

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

- Deep convolutional neural network—the evaluation of cervical vertebrae maturation**  
AKAY G., AKCAYOL M. A., ÖZDEM K., GÜNGÖR K.  
Oral Radiology, vol.39, no.4, pp.629-638, 2023 (SCI-Expanded)

### Articles Published in Other Journals

- Artificial Intelligence and Its Areas of Use in Healthcare**  
Bostancı S. D., Özdem Karaca K., Akcayol M. A., Bani M.  
Journal of Gazi University Health Sciences Institute, vol.6, no.2, pp.91-96, 2024 (Peer-Reviewed Journal)

- II. **Bird Species Classification Using Deep Learning: A Comparative Study**  
Mutlu Bilgin M., Özdem K., Akcayol M. A.  
JOURNAL OF POLYTECHNIC-POLITEKNİK DERGISI, vol.25, no.3, pp.1251-1260, 2022 (ESCI)
- III. **A Model for Prediction of Customer Behavior: A Case Study for Banking Sector**  
Özdem K., Akcayol M. A.  
Niğde Ömer Halisdemir Üniversitesi Mühendislik Bilimleri Dergisi, vol.10, no.1, pp.1-8, 2021 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Log Anomaly Detection in Application Servers Using Deep Learning**  
Alagöz E., Şahin Y. M., Özdem Karaca K., Gedik A. O., Akcayol M. A.  
in: Innovative Methods in Computer Science and Computational Applications in the Era of Industry 5.0. , D. Jude Hemanth,Utku Kose,Bogdan Patrut,Mevlut Ersoy, Editor, Springer Nature Switzerland Ag, Zug, pp.258-268, 2024
- II. **ÜRETKEN YAPAY ZEKA MODELLERİNİN DİJİTAL DÖNÜŞÜMDEKİ YERİ VE ÖNEMİ**  
ÖZDEM K.  
in: YENİ NESİL TEKNOLOJİLER İŞİĞİNDA YAPAY ZEKÂ VE DİJİTAL DÖNÜŞÜM, Doç. Dr. Murat Yılmaz, Prof. Dr. M. Ali Akcayol, Editor, Nobel Akademik Yayıncılık, Ankara, pp.21-36, 2022

## Refereed Congress / Symposium Publications in Proceedings

- I. **Anomaly Detection on Servers Using Log Analysis**  
Saygılı M. İ., Özelgöl S. B., Öztürk İ. S., Özdem Karaca K., Gedik A. O., Akcayol M. A.  
2024 8th International Artificial Intelligence and Data Processing Symposium (IDAP), Malatya, Turkey, 21 - 22 September 2024, pp.1-5
- II. **Log Anomaly Detection in Application Servers Using Deep Learning**  
Alagöz E., Şahin Y. M., Özdem Karaca K., Gedik A. O., Akcayol M. A.  
5th International Conference on Artificial Intelligence and Applied Mathematics in Engineering (ICAIAME 2023), Antalya, Turkey, 3 - 04 November 2023, pp.258-268
- III. **A GA-Based CNN Model for Brain Tumor Classification**  
Özdem K., Ozkaya C., Atay Y., Çeltikçi E., Börcek A. Ö., Demirezen U., Sağıroğlu Ş.  
7th International Conference on Computer Science and Engineering, UBMK 2022, Diyarbakır, Turkey, 14 - 16 September 2022, pp.418-423
- IV. **Locality Sensitive Hashing Based Clustering for Large Scale Documents**  
Özdem K., Akcayol M. A.  
6th International Conference on Mathematics and Artificial Intelligence, ICMAI 2021, Virtual, Online, China, 19 - 21 March 2021, pp.137-142
- V. **Automated Machine Learning Platform Otomatik Makine Öğrenmesi Platformu**  
Selvi G., Dag G., Dirican E. G., Aktay T., Aksu S. M., Özdem K., Akcayol M. A.  
6th International Conference on Computer Science and Engineering, UBMK 2021, Ankara, Turkey, 15 - 17 September 2021, pp.769-774

## Supported Projects

Sağıroğlu Ş., Atay Y., Arslan B., Özdem K., Çeltikçi E., Börcek A. Ö., Project Supported by Other Official Institutions, TURKISH BRAIN PROJECT, 2021 - 2023

## **Metrics**

Publication: 11

Citation (Scopus): 14

H-Index (Scopus): 2