

Asst. Prof. ZUHAL CAN

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: ABI-3091-2020

ScopusID: 55358863000

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Education Information

Post Doctorate, State University of New York at Buffalo, Computer Science and Engineering, United States Of America
2015 - 2016

Doctorate, State University of New York at Buffalo, Computer Science and Engineering, United States Of America 2009 -
2015

Postgraduate, University of Connecticut, Computer Science and Engineering, United States Of America 2008 - 2009

Undergraduate, Atilim University, Faculty Of Engineering, Department Of Computer Engineering, Turkey 2002 - 2006

Foreign Languages

English, C2 Mastery

Dissertations

Doctorate, Querying on Federated Sensor Networks, State University of New York at Buffalo, Bilgisayar Bilimi Ve Müh.,
2015

Research Areas

Computer Sciences

Academic Titles / Tasks

Research Assistant, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, BİLGİSAYAR MÜHENDİSLİĞİ
BÖLÜMÜ, 2016 - Continues

Courses

152113020 SAYISAL TASARIM(A), Undergraduate, 2017 - 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **CVApool: using null-space of CNN weights for the tooth disease classification**
Can Z., Isik S., Anagun Y.
NEURAL COMPUTING AND APPLICATIONS, vol.36, no.26, pp.16567-16579, 2024 (SCI-Expanded)
- II. **Smartphone-based data collection from wireless sensor networks in an urban environment**
Can Z., Demirbas M.
JOURNAL OF NETWORK AND COMPUTER APPLICATIONS, vol.58, pp.208-216, 2015 (SCI-Expanded)
- III. **A survey on in-network querying and tracking services for wireless sensor networks**
Can Z., Demirbas M.
AD HOC NETWORKS, vol.11, no.1, pp.596-610, 2013 (SCI-Expanded)

Articles Published in Other Journals

- I. **A Review of Recent Machine Learning Approaches for Voice Authentication Systems**
Can Z., Atilgan E.
Journal of Information and Communication Technologies, vol.5, no.1, pp.95-113, 2023 (Peer-Reviewed Journal)
- II. **Diagnosing Diseases from Fingernail Images**
CAN Z., IŞIK Ş.
Eskişehir Osmangazi Üniversitesi mühendislik ve mimarlık fakültesi dergisi (online), vol.30, no.3, pp.464-470, 2022 (Peer-Reviewed Journal)
- III. **ENERGY UTILIZATION IMPACTS IN DETECTING ABNORMALITY ON WIRELESS SENSOR NETWORKS**
CAN Z., DEĞİRMENCİ E.
Eskişehir Osmangazi Üniversitesi mühendislik ve mimarlık fakültesi dergisi (online), vol.30, no.1, pp.1-6, 2022 (Peer-Reviewed Journal)
- IV. **Network Load Effects on Wireless Sensor Network Node Activity**
CAN Z., DEĞİRMENCİ E.
Eskişehir Türk Dünyası Uygulama ve Araştırma Merkezi Bilişim Dergisi, vol.3, no.1, pp.6-10, 2022 (Peer-Reviewed Journal)
- V. **Querying on Federated Sensor Networks**
CAN Z., Demirbas M.
Journal of Sensor and Actuator Networks, vol.5, no.3, pp.14, 2016 (ESCI)

Books & Book Chapters

- I. **Bölüm 12: Akıllı Ev Sistemlerinde Nesnelerin İnterneti İçin Prototip Tasarımı**
CAN Z., Çağlar K., Hesapdar B., Önk B., Rahimi B.
in: Fen Bilimleri, Matematik, Mühendislik, ve Sağlık Bilimleri Alanında Yeni Trendler, Qasimov Qurban, Agayeva Mirvari, Editor, Duvar Yayınları, Ankara, pp.175-187, 2022

Refereed Congress / Symposium Publications in Proceedings

- I. **Hafif Evrimsel Sinir Ağı İle Tırnak Hastalığı Sınıflandırması**
IŞIK Ş., CAN Z., ANAGÜN Y., GÜDER O.
16. Uluslararası Sağlıkta Kalite, Akreditasyon Ve Hasta Güvenliği Kongresi, Antalya, Turkey, 22 - 25 May 2022
- II. **ÖĞRENCİLER İÇİN KONAKLAMA YERİ ARAMA SİSTEMİ**
CAN Z.
International Aegean Conferences, Innovation Technologies and Engineering-V, İzmir, Turkey, 25 - 26 February 2022
- III. **Kurum İçi Maske Tespit ve Uyarı Sistemi**

CAN Z.

Uluslararası Bilimsel Gelişmeler Kongresi (ICONSAD'21), Turkey, 22 December 2021

IV. Effects of Network Density in Detecting Node Abnormality in Wireless Sensor Networks

CAN Z., DEĞİRMENCİ E.

International Conference on Internet of Things, Big Data Analytics and Information Technology. December 2020, İstanbul, Turkey, 20 December 2020

V. Energy-efficient smartphone-based data collection from wireless sensor networks

CAN Z., Demirbas M.

2015 12th Annual IEEE Consumer Communications and Networking Conference (CCNC), Las Vegas, NV, USA, United States Of America, 9 - 12 January 2015

VI. Investigation of querying techniques for federated sensor networks

Demirbas M., CAN Z.

2011 7th International Wireless Communications and Mobile Computing Conference, Istanbul, Turkey, Turkey, 4 - 08 July 2011

Metrics

Publication: 15

Citation (WoS): 45

Citation (Scopus): 56

H-Index (WoS): 3

H-Index (Scopus): 3

Scholarships

Yurt Dışına Lisansüstü Öğrenim Amacıyla Gönderilecek Öğrencileri Seçme ve Yerleştirme Bursu, Ministry of Education, 2007 - 2014

Yüksek Lisans Bursu, TÜBİTAK, 2006 - 2007

Lisans Eğitimi, University, 2002 - 2006