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International Researcher IDs

ScholarID: gQd8Zp0AAAAJ

ORCID: 0000-0002-4074-7366

Publons / Web Of Science ResearcherID: G-7335-2019

ScopusID: 55364407100

Yoksis Researcher ID: 33435

Education Information

Doctorate, Erciyes University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey 2013 - 2019

Postgraduate, Erciyes University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey 2010 - 2013

Undergraduate, Erciyes University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey 2006 - 2010

Certificates, Courses and Trainings

Vocational Training, 2237-A Lisansüstü Akademik Danışmanlık Eğitimi, Atatürk Üniversitesi Öğretme ve Öğrenmeyi Geliştirme Uygulama ve Araştırma Merkezi, 2021

Project Management, Mühendislik Alanında Tübitak 1001 Ar-Ge Projesi Hazırlama Eğitimi, Afyon Kocatepe Üniversitesi Teknoloji Transfer Ofisi, 2021

Dissertations

Doctorate, Protein Yapı Tahmini İçin Yapısal Profil Matrislerinin Geliştirilmesi , Erciyes University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2019

Postgraduate, Periyodik mekân-zamansal eş-oluşum örüntü madenciliği, Erciyes University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2013

Research Areas

bioinformatics, Theoretical Computer Science, Artificial Intelligence, Computer Learning and Pattern Recognition, Software

Academic Titles / Tasks

Assistant Professor, Kayseri University, Mühendislik, Mimarlık ve Tasarım Fakültesi, Bilgisayar Mühendisliği Bölümü, 2021 - Continues

Assistant Professor, Nevşehir Hacı Bektaş Veli University, Faculty Of Engineering-Architecture, Department Of Computer Engineering, 2020 - 2021

Research Assistant, Nevşehir Hacı Bektaş Veli University, Faculty Of Engineering-Architecture, Department Of Computer Engineering, 2011 - 2020

Academic and Administrative Experience

Fakülte Yönetim Kurulu Üyesi, Kayseri University, Mühendislik, Mimarlık ve Tasarım Fakültesi, 2023 - Continues

Yükseköğretim Kurulu Üyesi, Kayseri University, Tomarza Mustafa Akıncıoğlu Meslek Yüksekokulu, -, 2022 - Continues

Member of the Senate, Kayseri University, Mühendislik, Mimarlık ve Tasarım Fakültesi, 2022 - Continues

Vice Dean, Kayseri University, Mühendislik, Mimarlık ve Tasarım Fakültesi, 2021 - Continues

Head of Department, Kayseri University, Mühendislik, Mimarlık ve Tasarım Fakültesi, Bilgisayar Mühendisliği Bölümü, 2021 - Continues

Deputy Head of Department, Kayseri University, Mühendislik, Mimarlık ve Tasarım Fakültesi, Bilgisayar Mühendisliği Bölümü, 2021 - Continues

Deputy Head of Department, Nevşehir Hacı Bektaş Veli University, Faculty Of Engineering-Architecture, Department Of Computer Engineering, 2020 - 2021

Head of Department, Nevşehir Hacı Bektaş Veli University, Faculty Of Engineering-Architecture, Department Of Computer Engineering, 2020 - 2021

Uygulama ve Araştırma Merkezi Yönetim Kurulu Üyesi, Nevşehir Hacı Bektaş Veli University, Siver Security Application And Research Center, 2019 - 2021

Courses

Database Management Systems, Undergraduate, 2022 - 2023

Evrimsel Optimizasyon Algoritmaları, Postgraduate, 2022 - 2023, 2021 - 2022

Bilgisayar Programlama-I, Undergraduate, 2022 - 2023, 2021 - 2022

Introduction to Computer Engineering, Undergraduate, 2022 - 2023, 2021 - 2022

Veri Yapıları ve Programlama, Associate Degree, 2021 - 2022

Special Topics in Computational Sciences and Engineering, Postgraduate, 2022 - 2023

Data Structures and Algorithms, Undergraduate, 2022 - 2023

Veri Yapıları ve Programlama, Associate Degree, 2021 - 2022

Digital Image Processing, Postgraduate, 2021 - 2022

Internet Programming-I, Associate Degree, 2021 - 2022

Entrepreneurship, Undergraduate, 2019 - 2020

Microprocessors, Undergraduate, 2020 - 2021

Introduction to Computer Engineering, Undergraduate, 2020 - 2021

Entrepreneurship, Undergraduate, 2020 - 2021

Jury Memberships

Doctorate, Doctorate, Abdullah Gül Üniversitesi, October, 2022

Post Graduate, Post Graduate, Kayseri Üniversitesi, September, 2022

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Nevşehir Hacı Bektaş Veli Üniversitesi, January, 2022

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Kayseri Üniversitesi, January, 2022
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Kayseri Üniversitesi, January, 2022
Doctoral Examination, Doctoral Examination, Erciyes Üniversitesi, November, 2021
Doctoral Examination, Doctoral Examination, Erciyes Üniversitesi, November, 2021
Post Graduate, Post Graduate, Erciyes Üniversitesi, October, 2021
Doctorate, Doctorate, Erciyes Üniversitesi, July, 2021
Doctorate, Doctorate, Erciyes Üniversitesi, June, 2021
Doctoral Examination, Doctoral Examination, Erciyes Üniversitesi, May, 2021
Doctoral Examination, Doctoral Examination, Erciyes Üniversitesi, May, 2021
Doctoral Examination, Doctoral Examination, Erciyes Üniversitesi, May, 2021
Doctoral Examination, Doctoral Examination, Erciyes Üniversitesi, May, 2021
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Nevşehir Hacı Bektaş Veli Üniversitesi, January, 2021
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Nevşehir Hacı Bektaş Veli Üniversitesi, January, 2021
Doctoral Examination, Doctoral Examination, Erciyes Üniversitesi, October, 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **In-Domain Transfer Learning Strategy for Tumor Detection on Brain MRI**
Terzi D. S., Azginoğlu N.
DIAGNOSTICS, vol.13, no.12, 2023 (SCI-Expanded)
- II. **A comprehensive survey of deep learning research on medical image analysis with focus on transfer learning**
Atasever S., Azginoğlu N., Sinanç Terzi D., Terzi R.
CLINICAL IMAGING, vol.94, pp.18-41, 2023 (SCI-Expanded)
- III. **Investigation of S1046 profile bladed vertical axis wind turbine and artificial intelligence-based performance evaluation**
Osmanlı S., AKANSU S. O., AZGINOĞLU N., Akansu Y. E., DEVELİ İ.
Energy Sources, Part A: Recovery, Utilization and Environmental Effects, vol.45, no.3, pp.8771-8790, 2023 (SCI-Expanded)
- IV. **False positive repression: Data centric pipeline for object detection in brain MRI**
Terzi R., AZGINOĞLU N., Terzi D. S.
CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE, vol.34, no.20, 2022 (SCI-Expanded)
- V. **Structure estimation of vertical axis wind turbine using artificial neural network**
Tekşin S., Azginoğlu N., Akansu S. O.
AEJ - ALEXANDRIA ENGINEERING JOURNAL, vol.61, no.1, pp.305-314, 2022 (SCI-Expanded)
- VI. **3-State Protein Secondary Structure Prediction based on SCOPE Classes**
Atasever S., Azginoğlu N., Erbay H., Aydın Z.
BRAZILIAN ARCHIVES OF BIOLOGY AND TECHNOLOGY, vol.64, 2021 (SCI-Expanded)
- VII. **Structural profile matrices for predicting structural properties of proteins**
Azginoglu N., Aydın Z., Çelik M.
JOURNAL OF BIOINFORMATICS AND COMPUTATIONAL BIOLOGY, vol.18, no.4, 2020 (SCI-Expanded)
- VIII. **Developing structural profile matrices for protein secondary structure and solvent accessibility prediction**
Aydın Z., Azginoglu N., Bilgin H. I., Çelik M.
BIOINFORMATICS, vol.35, no.20, pp.4004-4010, 2019 (SCI-Expanded)

Articles Published in Other Journals

- I. **İmar uygulamalarında dağıtımın veri madenciliği yöntemi kullanılarak yapılması**
Karaaslan İ., Azginoğlu N., Taşyürek M.
Niğde Ömer Halisdemir Üniversitesi Mühendislik Bilimleri Dergisi, vol.1, no.1, pp.1, 2022 (Peer-Reviewed Journal)
- II. **Detection of Buildings in the Urban Transformation Process with Spatial Data Mining Methods**
Turgut E., Taşyürek M., Azginoğlu N.
DÜMF Mühendislik Dergisi, vol.13, no.2, pp.161-167, 2022 (Peer-Reviewed Journal)
- III. **Curriculum Learning for Age Estimation from Brain MRI**
Aşan A., Terzi R., Azginoğlu N.
Applied Computer Systems, vol.26, no.2, pp.116-121, 2021 (ESCI)
- IV. **Coğrafi Bilgi Sistemleri İçin Mekânsal Etkileşim Analizi ile Adresi Bilgi Sistemi**
Taşyürek M., Azginoğlu N.
Avrupa Bilim ve Teknoloji Dergisi, vol.32, pp.451-456, 2021 (Peer-Reviewed Journal)
- V. **Effect of Benchmark Datasets on Protein Structure Prediction as a Concept**
Azginoğlu N.
European Journal of Science and Technology, no.29, pp.117-121, 2021 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **SAĞLIKTA ARAŞTIRMA YÖNTEMLERİ VE DİJİTAL DÖNÜŞÜM TABANLI VERİ ANALİZİ**
Azginoğlu N., Taşyürek M.
in: Mühendislik Alanında Uluslararası Araştırmalar, Alper BİDECI, Editor, PLATANUS PUBLISHING, Ankara, pp.52-74, 2023
- II. **Current Topics in Computer Sciences**
Azginoğlu N. (Editor)
Nobel Yayınevi, Ankara, 2022
- III. **C ile Programlama Başlangıçtan İleri Seviyeye**
Arslan R. S., Azginoğlu N., Taşyürek M.
Nobel Yayın Dağıtım, Ankara, 2022
- IV. **Bioinformatics**
Azginoğlu N.
in: Current Topics in Computer Science, Dr. Nuh Azginoğlu, Editor, Nobel Yayınevi, Ankara, pp.121-146, 2022
- V. **Sağlıkta Yapay Zekâ Kullanımı**
Atasever S., Azginoğlu N., Terzi R.
in: YAPAY ZEKÂ VE BÜYÜK VERİ ÇALIŞMALARI, SİBER GÜVENLİK VE MAHREMİYET, Şeref Sağıroğlu, Mustafa Umut Demirezen, Editor, Nobel Yayınevi, Ankara, pp.177-199, 2021
- VI. **Biyoinformatikte Yapay Zekâ Kullanımı**
Azginoğlu N., Atasever S.
in: YAPAY ZEKÂ VE BÜYÜK VERİ ÇALIŞMALARI, SİBER GÜVENLİK VE MAHREMİYET, Şeref Sağıroğlu, Mustafa Umut Demirezen, Editor, Nobel Yayınevi, Ankara, pp.201-228, 2021

Refereed Congress / Symposium Publications in Proceedings

- I. **A Novel Pipeline on Medical Object Detection for Bias Reduction: Preliminary Study for Brain MRI**
Terzi R., Azginoğlu N.
International Conference on INnovations in Intelligent SysTems and Applications (INISTA), Kocaeli, Turkey, 25 - 27 August 2021, pp.1-6
- II. **Adres Bilgi Sistemi Mimari Tasarımının Mekânsal Etkileşim Yöntemi İle Oluşturulması: Kayseri Örneği**

Taşyürek M., Azginoğlu N.

International Congress on Art and Design Research and Exhibition, Niğde, Turkey, 21 - 22 June 2021, pp.103-104

III. An Open Source Mail Server Migration Experience: iRedMail

Azginoğlu N.

The Fifth International Conference on Smart City Applications (SCA20), Karabük, Turkey, 7 - 09 October 2020, vol.44, pp.95-98

IV. Analysis of Network Logs In Terms of Demographic and Cyber Antropology

Azginoğlu N., Atasever S., İlhan K.

2nd International Congress on Sports, Anthropology, Nutrition, Anatomy and Radiology (SANAR2020), Nevşehir, Turkey, 20 - 23 July 2020, pp.416-422

V. Hidrolojik ve İklim Veri Serilerinin Periyodiklik Analizi

Çelik M., Azginoğlu N., Dadaşer Çelik F.

2nd International Symposium on Multidisciplinary Studies and Innovative Technologies, Ankara, Turkey, 19 - 21 October 2018

VI. Ceph-based Storage Server Application

Azginoglu N., Eren M. A., Çelik M., Aydın Z.

6th International Symposium on Digital Forensic and Security (ISDFS), Antalya, Turkey, 22 - 25 March 2018, pp.408-411

VII. Open Source Slurm Computer Cluster System Design and a Sample Application

Azginoglu N., Atasever M. U., Aydın Z., Çelik M., Erbay H.

2017 International Conference on Computer Science and Engineering (UBMK), Antalya, Turkey, 5 - 08 October 2017, pp.403-406

VIII. Nevşehir Hacı Bektaş Veli Üniversitesi Bilgi Portalı Android Uygulaması

Eren A., Azginoğlu N.

Akademik Bilişim 2014 (AB2014), Mersin, Turkey, 5 - 07 February 2014

IX. Mining periodic spatio-temporal co-occurrence patterns: A summary of results

Çelik M., Azginoğlu N., Terzi R.

2012 International Symposium on Innovations in Intelligent Systems and Applications (INISTA 2012), Trabzon, Turkey, 2 - 04 July 2012, pp.1-5

Supported Projects

Azginoğlu N., TUBITAK Project, Görüntü İşleme İle Tatlı Su Balıklarında Otolitten Tür Tayini Yapılması, 2023 - 2024

AZGINOĞLU N., Project Supported by Higher Education Institutions, Protein ikincil yapı tahmini için veri madenciliği tabanlı yöntemlerin geliştirilmesi, 2021 - 2022

Aydın Z., TUBITAK Project, Zenginleştirilmiş Öznitelikler Ve Makine Öğrenmesi Yöntemleriyle Protein Yerel Yapı Tahmini, 2014 - 2017

Çelik M., TUBITAK Project, Diyabet Hastalarına Ait Verilerin Veri Madenciliği Yöntemleri İle Analiz Edilmesi, 2012 - 2015

Çelik M., TUBITAK Project, Gerçek-Zamanlı Mekan-Zamansal Eş-Oluşum Örüntülerinin Modellenmesi, 2010 - 2013

Scientific Refereeing

OCEAN ENGINEERING, Journal Indexed in SCI-E, November 2022

Technopark, Sivas Cumhuriyet University, Turkey, October 2022

INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, Journal Indexed in SCI-E, September 2022

The Journal of Supercomputing, Journal Indexed in SCI-E, September 2022

Türk Kütüphaneciliği, Journal Indexed in ESCI, September 2022

The Journal of Supercomputing, Journal Indexed in SCI-E, May 2022

Technopark, Kayseri University, Turkey, May 2022

Technopark, Kayseri University, Turkey, May 2022
Technopark, Kayseri University, Turkey, May 2022
Technopark, Kayseri University, Turkey, May 2022
Technopark, Kayseri University, Turkey, May 2022
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Technopark, Kayseri University, Turkey, May 2022
Technopark, Kayseri University, Turkey, May 2022
Technopark, Kayseri University, Turkey, May 2022
COMPUTERS IN BIOLOGY AND MEDICINE, Journal Indexed in SCI-E, March 2022
COMPUTATIONAL BIOLOGY AND CHEMISTRY, Journal Indexed in SCI-E, March 2022
COMPUTERS IN BIOLOGY AND MEDICINE, Journal Indexed in SCI-E, February 2022
COMPUTERS IN BIOLOGY AND MEDICINE, Journal Indexed in SCI-E, February 2022
Türk Kütüphaneciliği, Journal Indexed in ESCI, January 2022
COMPUTERS IN BIOLOGY AND MEDICINE, SCI Journal, December 2021
Journal of artificial intelligence and data science, Other Indexed Journal, December 2021
KAFKAS ÜNİVERSİTESİ İKTİSADİ ve İDARİ BİLİMLER FAKÜLTESİ DERGİSİ, National Scientific Refreed Journal, September 2021
COMPUTERS IN BIOLOGY AND MEDICINE, Journal Indexed in SCI-E, September 2021
ENERGY, ENVIRONMENT AND STORAGE JOURNAL, Other Indexed Journal, September 2021
BALKAN JOURNAL OF ELECTRICAL AND COMPUTER ENGINEERING, National Scientific Refreed Journal, September 2021
ERCİYES ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, National Scientific Refreed Journal, August 2021
BALKAN JOURNAL OF ELECTRICAL AND COMPUTER ENGINEERING, National Scientific Refreed Journal, June 2021
BALKAN JOURNAL OF ELECTRICAL AND COMPUTER ENGINEERING, National Scientific Refreed Journal, March 2021
İstanbul Ticaret Üniversitesi Sosyal Bilimler Dergisi, National Scientific Refreed Journal, March 2021
ÇANAKKALE ONSEKİZ MART ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, National Scientific Refreed Journal, November 2020
Balkan Journal of Electrical and Computer Engineering, National Scientific Refreed Journal, November 2020
Avrupa Bilim ve Teknoloji Dergisi, National Scientific Refreed Journal, November 2020
Journal Of The Faculty Of Engineering And Architecture Of Gazi University, Journal Indexed in SCI-E, September 2020
Balkan Journal of Electrical and Computer Engineering, National Scientific Refreed Journal, May 2020
Balkan Journal of Electrical and Computer Engineering, National Scientific Refreed Journal, October 2019
İşlemci Tasarımı Çalıştayı 2019, Conference Paper (Full Text), September 2019

Tasks In Event Organizations

Azginoglu N., Babacan N., Türkarslan E., II. International Congress on Art and Design Research , Scientific Congress, Kayseri, Turkey, Haziran 2022

Metrics

Publication: 107

Citation (WoS): 15

Citation (Scopus): 22

H-Index (WoS): 2

H-Index (Scopus): 3

Congress and Symposium Activities

5th International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT 2021) , Attendee, Bolu, Turkey, 2021

International Conference on INnovations in Intelligent SysTems and Applications (INISTA) 2021, Attendee, Kocaeli, Turkey, 2021

2 nd International Congress on Sports, Anthropology, Nutrition, Anatomy and Radiology (SANAR2020), Attendee, Nevşehir, Turkey, 2020

Scholarships

2211-A Genel Yurt İçi Doktora Burs Programı, TUBITAK, 2013 - 2017

Representation and Promotion Activities

Institutional Representation, Erciyes Üniversitesi, Turkey, Kayseri, 2021 - 2021

Non Academic Experience

Erciyes Üniversitesi