FATİH SULTAN MEHMET VAKIF ÜNİVERSİTESİ

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Araştırma alanları: Mühendislik Temel Alanı › Bilgisayar Bilimleri ve Mühendisliği
Anahtar kelimeler: Bilgisayar ve İletişim Ağları, Algoritmalar ve Hesaplama Kuramı, Yapay Zeka

ÖZET GÖSTERGELER

MAKALE	BİLDİRİ	KİTAP · KİTAPTA BÖLÜM	PROJE	TEZ DANIŞMANLIĞI	ATIF (KAYNAK MAKS.)
95	**19**	**4 · 1**	**11**	**8**	**5.466**
WoS 83 · Scopus 4 · TR Dizin 4			yürütücü 4	doktora 3	h-index Scopus 30 · WoS 26 · GS 37

EĞİTİM

2010 – 2014 **Doktora · Bilgisayar Mühendisliği (Dr) (İngilizce)**
Dokuz Eylül Üniversitesi · Fen Bilimleri Enstitüsü
Tez: Designing new routing algorithms for wireless sensor networks

2007 – 2009 **Yüksek Lisans**
Islamic Azad University - Shabestar (Bilgisayar Mühendisliği)
Tez: Prolonging Lifetime of Wireless Sensor Networks by Dynamically Distribute Sensor Nodes in Peer Clusters

2002 – 2006 **Lisans**
Islamic Azad University - Shabestar (Bilgisayar-Yazılım Mühendisliği)

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2021 – 2022	**Anabilim Dalı Başkanı**	İstinye Üniversitesi
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2017 – 2019	**Komisyon Başkanlığı**	İstanbul Sabahattin Zaim Üniversitesi
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2016 – 2019	**Bölüm Başkan Yardımcısı**	İstanbul Sabahattin Zaim Üniversitesi
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MAKALELER (95)

1. ARASTEH ABBASABAD BAHMAN,KARIMI MOHAMMADBAGHER,KUSETOĞULLARI HÜSEYİN,ARASTEH ABBASABAD KEYVAN,ANKA FERZAT (2026). A cybersecurity method to detect SQL injection attacks using heuristic-driven feature selection and machine learning algorithms. The Journal of Supercomputing, 82.
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5. ÇEVİK TANER,ÇEVİK NAZİFE,PAŞAOĞLU ALİ,ŞAHİN FATİH,ANKA FERZAT,AĞ MUHAMMET SAİT (2026). AGFP: A Deep Attention-Guided Framework for DWT-Based Image Steganography. IET Image Processing, 20.
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9. NEMATZADEH MIANDOAB SAJJAD,ANKA FERZAT,ÇİFTÇİ FATİH,ÖZARSLAN ALİ CAN,Oncu Emir (2026). Bridging engineering and neuro-oncology: a scalable FastAPI-deployed CNN framework for real-time explainable brain tumor diagnosis. Frontiers in Neuroscience, 20.
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10. Manickam S,Vijayaragavan Mathanraj,Gurusamy Manikandaraja,JOSEPH SHOBANA BAI FEMILDA JOSEPHIN,VARUVEL EDWIN GEO,Matijošius Jonas,ANKA FERZAT,Kilikevičius Artūras,Kale Utku (2026).

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20. Sonthalia Ankit,Renjith E. Jeslin,JOSEPH SHOBANA BAI FEMILDA JOSEPHIN,VARUVEL EDWIN GEO,ANKA FERZAT,Kilikevičius Artūras,Piksrys Armantas (2026). Predictive analytics for hydrogen–honge oil dual fuel engine using machine learning. International Journal of Hydrogen Energy, 218.
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SCI-Expanded · Uluslararası · DOI: 10.1007/s11831-024-10217-0

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SCI-Expanded · Uluslararası · DOI: 10.1016/j.aej.2025.03.115

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41. Mickevičius Tomas,Matijošius Jonas,VARUVEL EDWIN GEO,JOSEPH SHOBANA BAI FEMILDA JOSEPHIN,Stanley Jerome,Žvirblis Tadas,ANKA FERZAT,Kilikevičius Artūras (2025). Machine Learning Approaches for Predicting Diesel Engine Emissions Using Waste Tire Pyrolysis Oil– Hydrotreated Vegetable Oil Blends. Process Safety and Environmental Protection.
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43. ANKA FERZAT,Rad Hamid (2025). RG-ACA: efficient and adaptive routing method for internet of things based on metaheuristic approach. International Journal of Information Technology.
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45. ŞAHİN MUHAMMED FARUK,YEGANLİ SEYEDEH FAEGHEH,ULUDAĞ GÖNÜL,YEGANLI FAEZEH,ANKA FERZAT (2025). Unified Deep Learning Method for Accurate Brain Tumor Segmentation Using Vertical Voxel Grouping and Wavelet Features. Signal, Image and Video Processing, 19.
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46. ARASTEH ABBASABAD BAHMAN, ARASTEH ABBASABAD KEYVAN, ANKA FERZAT, Sefati Seyed Salar, Fratu Octavian, Halunga Simona, TIRKOLAEE ERFAN BABAEE (2024). A Bioinspired Test Generation Method Using Discretized and Modified Bat Optimization Algorithm. Mathematics.
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51. ZONTUL METİN,ERSAN ZİYA GÖKALP,YELMEN İLKAY,ÇEVİK TANER,ANKA FERZAT,Gesoglu Kevser (2024). Enhancing GPS Accuracy with Machine Learning: A Comparative Analysis of Algorithms. Traitement du Signal, 41.
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PROJELER (11)

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Özel Kuruluşlar · Yürütücü · Tamamlandı · 21.11.2022 – 01.06.2023
2. Kablosuz Algılayıcı Ağlar için Güvenilir ve Enerji Verimli Bir Yönlendirme Protokolünün Tasarlanması
TÜBİTAK PROJESİ · Yürütücü · Beklemede · 15.12.2020
3. YENILIKÇI VE YARATICI ISTANBUL MALI DESTEK PROGRAMIReferans Numarası: TR10/18/YMP/0096
Kalkınma Bakanlığı · Araştırmacı · Beklemede · 30.08.2019
4. Çok Kanallı İletişim Platformu
Diğer kamu kuruluşları (Yükseköğretim Kurumları hariç) · Proje İzleyiciliği · Tamamlandı · 08.08.2017 – 07.08.2018
5. Designing new low power sensor devices and dynamic framework for using in the smart self managing systems
Diğer (Uluslararası) · Yürütücü · Tamamlandı · 01.11.2017 – 01.11.2018
6. İstanbul Bölgesi Bilgisayar, Yazılım ve Video Oyun Sektörünün Bugünü ve Geleceği (proje ref.: TR10/16/DFD/0002)
Kalkınma Bakanlığı · Araştırmacı · Tamamlandı · 01.02.2017 – 30.05.2017
7. İZÜ Akıllı Tarla Sistemi Tasarımı için Öz Yönetimli Yönlendirme Protokolü Geliştirmesi
Yükseköğretim Kurumları tarafından destekli bilimsel araştırma projesi · Yürütücü · Tamamlandı · 01.09.2017 – 01.04.2018
8. Görme Engellilere masaüstü ve mobil tabanlı oyun geliştirme
Diğer (Uluslararası) · Araştırmacı · Tamamlandı · 01.04.2016 – 01.01.2017
9. Intelligent Hedge Software System Implementation
Özel Kuruluşlar · Araştırmacı · Tamamlandı · 02.04.2015 – 01.03.2016
10. A Research on Applications of Wireless Sensor Networks in Industrail Applications
Diğer (Uluslararası) · Araştırmacı · Tamamlandı · 01.08.2014 – 01.05.2015
11. Help Maker Definer Autonomous Robot
Diğer Resmi Kurum ve Kuruluşlar · Araştırmacı · Tamamlandı · 01.06.2008 – 02.02.2009

TEZ DANIŞMANLIKLARI (11)

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1. World's Most Influential Scientists (top 2%) (2025)
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2. World's Most Influential Scientists (top 2%) (2024)
Bilim - Sanat Ödülleri · Stanford University · AMERİKA BİRLEŞİK DEVLETLERİ
3. World's Most Influential Scientists (top 2%) (2023)
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4. Top-Cited Scientists (2023)
Diğer · DİĞER (KURUMLAR, HASTANELER VB.) · AMERİKA BİRLEŞİK DEVLETLERİ
5. Scientific Research Honor Society (2023)
Çalışma Ödülü · Sigma Xi · AMERİKA BİRLEŞİK DEVLETLERİ
6. Reviewer Reward (2022)
Bilim - Sanat Ödülleri · Elsevier · AMERİKA BİRLEŞİK DEVLETLERİ
7. World's Most Influential Scientists (top 2%)-Standford University (2022)
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8. Araştırma, Yayın ve Atıf (2021)
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9. Reviewer Award (2021)
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