

# Dr.Öğr.Üyesi ÖMER FARUK GÜRCAN

## Kişisel Bilgiler

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## Uluslararası Araştırmacı ID'leri

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Publons / Web Of Science ResearcherID: AAB-2134-2022

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## Eğitim Bilgileri

Doktora, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği, Türkiye 2014 - 2022

Yüksek Lisans, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Mühendislik Yönetimi, Türkiye 2011 - 2014

Lisans, Selçuk Üniversitesi, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, Türkiye 2006 - 2011

## Araştırma Alanları

Yapay Zeka, Bilgisayarda Öğrenme ve Örütü Tanıma, Mühendislik ve Teknoloji

## Akademik Unvanlar / Görevler

Dr.Öğr.Üyesi, Sivas Cumhuriyet Üniversitesi, Mühendislik Fakültesi, Endüstri Mühendisliği, 2013 - Devam Ediyor

## SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **A comparative analysis of machine learning techniques and fuzzy analytic hierarchy process to determine the tacit knowledge criteria**

YAZICI İ., Beyca Ö. F., Gürcan Ö. F., Zaim H., Delen D., Zaim S.

ANNALS OF OPERATIONS RESEARCH, cilt.308, sa.1-2, ss.753-776, 2022 (SCI-Expanded)

- II. **A Comprehensive Study of Machine Learning Methods on Diabetic Retinopathy Classification**

Gürcan Ö. F.

International Journal of Computational Intelligence Systems, cilt.14, sa.1, ss.1132-1141, 2021 (SCI-Expanded)

## Diğer Dergilerde Yayınlanan Makaleler

- I. **A Hybrid Deep Learning-Metaheuristic Model for Diagnosis of Diabetic Retinopathy**

Gürcan Ö. F., Atıcı U., Beyca Ö. F.

GAZI UNIVERSITY JOURNAL OF SCIENCE, cilt.36, sa.2, ss.693-703, 2023 (ESCI)

- II. **A fuzzy multi-criteria decision-making method for selection of criteria for an e-learning platform**

## Kitap & Kitap Bölümleri

- I. An Intelligent System for Determination of Stop – Loss and Take – Profit Limits: A Dynamic Decision Learning Approach  
SİVRİ M. S., gultekin a. b., ÜSTÜNDAĞ A., BEYCA Ö. F., ARI E., GÜRCAN Ö. F.  
Intelligent and Fuzzy Systems. INFUS 2023. Lecture Notes in Networks and Systems, Kahraman, C., Sari, I.U., Oztaysi, B., Cebi, S., Cevik Onar, S., Tolga, A.Ç., Editör, Springer, Cham., ss.617-624, 2023
- II. A Dynamic Feature Selection Technique for the Stock Price Forecasting  
SİVRİ M. S., gultekin a. b., ÜSTÜNDAĞ A., BEYCA Ö. F., GÜRCAN Ö. F., ARI E.  
Intelligent and Fuzzy Systems. INFUS 2023. Lecture Notes in Networks and Systems, Kahraman, C., Sari, I.U., Oztaysi, B., Cebi, S., Cevik Onar, S., Tolga, A.Ç., Editör, Springer, Cham., ss.730-737, 2023
- III. Multi-Criteria Decision-Making Methods for Biomass Energy Systems: A Review  
Güldeş M., Gürcan Ö. F.  
Optimization and Decision-Making in the Renewable Energy Industry, Figen Balo,Ayse Topal,Ezgi Demir,Alptekin Ulutas, Editör, IGI Global, Pennsylvania, ss.182-214, 2022
- IV. A Forecasting Study of Covid-19 Epidemic: Turkey Case  
GÜRCAN Ö. F., BEYCA Ö. F., ATİCİ U., ER O.  
Intelligent and Fuzzy Systems, Kahraman, C., Tolga, A.C., Cevik Onar, S., Cebi, S., Oztaysi, B., Sari, I.U., Editör, Springer, Cham., ss.263-271, 2022
- V. A Fuzzy Multi-Criteria Decision-Making Method for Selection of Biomass Power Plant Location  
ATİCİ U., GÜRCAN Ö. F., GÜLDEŞ M., ŞAHİN C.  
Optimization and Decision-Making in the Renewable Energy Industry, Figen Balo, Ezgi Demir and Alptekin Ulutaş, Editör, IGI Global, ss.1-30, 2022
- VI. Diagnosis of COVID-19 Using Deep CNNs and Particle Swarm Optimization  
GÜRCAN Ö. F., ATİCİ U., BİÇER M. B., DOĞAN O.  
Intelligent and Fuzzy Techniques for Emerging Conditions and Digital Transformation, Kahraman C., Cebi S., Cevik Onar S., Oztaysi B., Tolga A.C., Sari I.U., Editör, Springer, Cham., ss.305-312, 2021
- VII. A Detailed Comparison of Deep Neural Networks for Diagnosis of COVID-19  
BİÇER M. B., DOĞAN O., GÜRCAN Ö. F.  
Deep Learning in Biomedical and Health Informatics, , Editör, CRC Press, ss.79-95, 2021
- VIII. Measuring the Impact of Tacit Knowledge on Individual and Financial Performances: A Field Study in Turkey  
TARIM M., ERZURUM E., AKCAN A. F., GÜRCAN Ö. F., ZAİM H., ZAİM S.  
Financial Ecosystem and Strategy in the Digital Era, Hacioglu Umit, Aksoy Tamer, Editör, Springer, ss.17-33, 2021
- IX. Applications of Big Data and Green IoT Enabling Technologies for Smart Cities  
DOĞAN O., GÜRCAN Ö. F.  
Handbook of Research on Big Data and the IoT, Gurjit Kaur and Pradeep Tomar, Editör, IGI Global, ss.22-41, 2019
- X. Analysis of Frequent Visitor Patterns in a Shopping Mall  
DOĞAN O., GÜRCAN Ö. F., ÖZTAYŞI B., GOKDERE U.  
Industrial Engineering in the Big Data Era, Calisir Fethi, Cevikcan Emre, Camgoz -Akdag Hatice, Editör, Springer, ss.217-227, 2019
- XI. Optimal Strategy Selectionin a Supply Chain  
GÜRCAN Ö. F., erdoğan a.  
Handbook of Research on Applied Optimization Methodologies in Manufacturing Systems, , Editör, IGI Global, ss.231-250, 2017
- XII. Factors Influencing EffectiveKnowledge Transferin Organizations  
GÜRCAN Ö. F., ALTIN GÜMÜŞSOY Ç.

## Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **A Framework for the Concept of Social Transcript As a Part of Smart University**  
OLUÇOĞLU M., DOĞAN O., GÜRCAN Ö. F.  
2023 Innovations in Intelligent Systems and Applications Conference (ASYU), Sivas, Türkiye, 11 - 13 Ekim 2023,  
ss.1-6
- II. **Diagnosis of Diabetic Retinopathy with Transfer Learning and Metaheuristic Algorithms**  
GÜRCAN Ö. F., BEYCA Ö. F., OLUÇOĞLU M.  
2023 Innovations in Intelligent Systems and Applications Conference (ASYU), Sivas, Türkiye, 11 - 14 Ekim 2023,  
ss.1-6
- III. **An Intelligent System for Determination of Stop – Loss and Take – Profit Limits: A Dynamic Decision Learning Approach**  
Sivri M. S., Gultekin A. B., Üstündağ A., Beyca Ö. F., Arı E., GÜRCAN Ö. F.  
Intelligent and Fuzzy Systems - Intelligence and Sustainable Future Proceedings of the INFUS 2023 Conference,  
İstanbul, Türkiye, 22 - 24 Ağustos 2023, cilt.759 LNNS, ss.617-624
- IV. **A Dynamic Feature Selection Technique for the Stock Price Forecasting**  
Sivri M. S., Gultekin A. B., Üstündağ A., Beyca Ö. F., GÜRCAN Ö. F., Arı E.  
Intelligent and Fuzzy Systems - Intelligence and Sustainable Future Proceedings of the INFUS 2023 Conference,  
İstanbul, Türkiye, 22 - 24 Ağustos 2023, cilt.758 LNNS, ss.730-737
- V. **A Forecasting Study of Covid-19 Epidemic: Turkey Case**  
GÜRCAN Ö. F., BEYCA Ö. F., ATİCİ U., ER O.  
INFUS 2022, 19 Temmuz 2022, ss.263-271
- VI. **Diagnosis of COVID-19 using Deep CNNs and Particle Swarm Optimization**  
GÜRCAN Ö. F., ATİCİ U., BİÇER M. B., DOĞAN O.  
International Conference on Intelligent and Fuzzy Systems, İzmir, Türkiye, 06 Mayıs 2021
- VII. **Realising Newspaper Sales by Using Statistic Methods**  
Dogan O., Gürcan Ö. F.  
International Conference on Intelligent and Fuzzy Systems, INFUS 2020, İstanbul, Türkiye, 21 - 23 Temmuz 2020,  
ss.875-883
- VIII. **Data Perspective of Lean Six Sigma in Industry 4.0 Era: A Guide to Improve Quality**  
DOĞAN O., GÜRCAN Ö. F.  
2nd International Conference on Industrial Engineering and Operations Management, Paris, Fransa, 26 - 27  
Temmuz 2018, ss.943-953
- IX. **The Factors Affecting Knowledge Transfer Intention and Mediating Effect of Transactive Memory System**  
GÜRCAN Ö. F., ÖKSÜZ M. K., DOĞAN O.  
2nd International Conference On Industrial Engineering And Operations, Paris, Fransa, 26 - 27 Temmuz 2018,  
ss.954-962
- X. **A Customer Satisfaction Study in an Airline Company Centered in Turkey**  
GÜRCAN Ö. F., BEYCA Ö. F., AKCAN A. F., ZAİM S.  
Global Joint Conference of Industrial Engineering and Its Application Areas, 22 - 23 Haziran 2018
- XI. **A Study on Giving Priority of Transition for Emergency Vehicles with Machine Communication**  
L Osman K., DOĞAN O., GÜRCAN Ö. F.  
International Symposium on Industry 4.0 and Applications (ISIA 2017), Karabük, Türkiye, 12 - 14 Ekim 2017
- XII. **Big Data, Smart City and Smart City Initiatives of Istanbul**  
GÜRCAN Ö. F., DOĞAN O.  
International Symposium on Industry 4.0 and Applications (ISIA 2017), Karabük, Türkiye, 12 - 14 Ekim 2017

- XIII. **Big Data and Energy-A Review**  
GÜRCAN Ö. F., YAZICI İ.  
International Symposium on Industry 4.0 and Applications, Karabük, Türkiye, 12 - 14 Ekim 2017
- XIV. **BIG DATA APPLICATIONS FOR BUILDING SMART CITIES A CANDIDATE SMART CITY ISTANBUL**  
GÜRCAN Ö. F.  
International Congress of Management Economy and Policy, İstanbul, Türkiye, 26 - 27 Kasım 2016, ss.3499-3507
- XV. **FACTOR ANALYSIS IN AN AIRLINE COMPANY FOR DETERMINING CUSTOMER SATISFACTION**  
GÜRCAN Ö. F., YAZICI İ.  
Uluslararası Katılımlı 16. Üretim Araştırmaları Sempozyumu, İstanbul, Türkiye, 12 - 14 Ekim 2016, ss.600-605
- XVI. **Third Party Logistics (3PL) Provider Selection with AHP Application**  
GÜRCAN Ö. F., YAZICI İ., BEYCA Ö. F., yavuz arslan ç., ELDEMİR F.  
12th International Strategic Management Conference, KARADAĞ, 21 - 23 Temmuz 2016, cilt.235, ss.226-234
- XVII. **The Factors Affecting Knowledge Transfer between Individualsin Organizations**  
GÜRCAN Ö. F., ALTIN GÜMÜŞSOY Ç.  
Global Joint Conference on Industrial Engineeringand Its Application Areas, İstanbul, Türkiye, 14 - 15 Temmuz 2016, ss.281-290
- XVIII. **Vehicle Technology Selection with Integrated Fuzzy AHP TOPSISMethod**  
YAZICI İ., GÜRCAN Ö. F.  
Global Joint Conference on Industrial Engineeringand Its Application Areas, İstanbul, Türkiye, 14 - 15 Temmuz 2016, ss.413-422
- XIX. **Determining the Critical Factors of Tacit Knowledge in Service Industry in Turkey**  
zaim h., GÜRCAN Ö. F., TARIM M., ZAİM S., alpkhan l.  
11th International Strategic Management Conference 2015, viyana, Avusturya, 23 - 25 Temmuz 2015

## **Metrikler**

Yayın: 35  
Atıf (WoS): 9  
Atıf (Scopus): 52  
H-İndeks (WoS): 3  
H-İndeks (Scopus): 3