

Res. Asst. Ebru GEÇİCİ

Personal Information

Email: egecici@yildiz.edu.tr

Web: <https://avesis.yildiz.edu.tr/egecici>

International Researcher IDs

ScholarID: t_fx7jwAAAAJ

ORCID: 0000-0002-7954-9578

Publons / Web Of Science ResearcherID: ABA-1671-2020

ScopusID: 57216780683

Yoksis Researcher ID: 311951

Education Information

Doctorate, Yildiz Technical University, Faculty Of Mechanical Engineering, Department Of Industry Engineering, Turkey
2022 - Continues

Doctorate, Koc University, Institute Of Science, Turkey 2021 - 2022

Postgraduate, Bogazici University, Faculty Of Engineering, Department Of Industrial Engineering, Turkey 2018 - 2021

Undergraduate, Yildiz Technical University, Faculty Of Mechanical Engineering, Department Of Industry Engineering, Turkey 2013 - 2018

Foreign Languages

English, C1 Advanced

Dissertations

Postgraduate, Location Selection of Hydrogen Refulling Station, Bogazici University, Faculty Of Engineering, Department Of Industrial Engineering, 2021

Research Areas

Artificial Intelligence, Computer Learning and Pattern Recognition, Industrial Engineering, Optimization Theory and Methods, Scheduling, Supply Chain and Logistics Management

Academic Titles / Tasks

Research Assistant, Yildiz Technical University, Faculty Of Mechanical Engineering, Department Of Industry Engineering, 2019 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Locating hydrogen fuel stations: A comparative study for Istanbul
Gündüz S. B., GEÇİCİ E., GÜLER M. G.
International Journal of Hydrogen Energy, vol.52, pp.1234-1246, 2024 (SCI-Expanded)
- II. Design of a future hydrogen supply chain: A multi-objective model for Turkey
Erdoğan A., GEÇİCİ E., GÜLER M. G.
International Journal of Hydrogen Energy, vol.48, no.31, pp.11775-11789, 2023 (SCI-Expanded)
- III. Multi-period planning of hydrogen refuelling stations using flow data: A case study for Istanbul
GEÇİCİ E., GÜLER M. G., Bilgiç T.
International Journal of Hydrogen Energy, vol.47, no.95, pp.40138-40155, 2022 (SCI-Expanded)
- IV. Evaluation of the quality of health and safety services with SERVPERF and multi-attribute decision-making methods
ALP S., Yılmaz F., GEÇİCİ E.
INTERNATIONAL JOURNAL OF OCCUPATIONAL SAFETY AND ERGONOMICS, vol.28, no.4, pp.2216-2226, 2022 (SSCI)
- V. A web-based decision support system for examination timetabling
GÜLER M. G., GEÇİCİ E., Köroğlu T., Becit E.
Expert Systems with Applications, vol.183, 2021 (SCI-Expanded)
- VI. Design of a future hydrogen supply chain: A multi period model for Turkey
GÜLER M. G., GEÇİCİ E., Erdoğan A.
International Journal of Hydrogen Energy, vol.46, pp.16279-16298, 2021 (SCI-Expanded)
- VII. A decision support system for scheduling the shifts of physicians during COVID-19 pandemic
GÜLER M. G., GEÇİCİ E.
Computers and Industrial Engineering, vol.150, 2020 (SCI-Expanded)
- VIII. A spreadsheet-based decision support system for examination timetabling
GÜLER M. G., GEÇİCİ E.
Turkish Journal of Electrical Engineering and Computer Sciences, vol.28, no.3, pp.1584-1598, 2020 (SCI-Expanded)

Articles Published in Other Journals

- I. An application of optimal control in medical systems: optimal investment strategy in doctors
Akan M., GEÇİCİ E.
Network Modeling Analysis in Health Informatics and Bioinformatics, vol.12, no.1, 2023 (Scopus)
- II. SOLVING SOLID TRANSPORTATION PROBLEMS UNDER UNCERTAIN ENVIRONMENT USING GOAL PROGRAMMING
Güzel N., Alp S., Geçici E.
Endüstri Mühendisliği, vol.33, no.1, pp.130-144, 2022 (Peer-Reviewed Journal)
- III. Optimal Capital and Labor Investment in Price Regulated Service Firms
Akan M., Geçici E.
Haliç Üniversitesi Sosyal Bilimler Dergisi, vol.4, no.1, pp.1-15, 2021 (Peer-Reviewed Journal)
- IV. A decision support system for nurse scheduling problem
Gecici E., GÜLER M. G.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BİLİMLERİ DERGİSİ, vol.26, no.4, pp.749-757, 2020 (ESCI)

Books & Book Chapters

- I. Industry 4.0
Geçici E., Alp S.
in: Introduction to Industrial Engineering, Prof. Dr. Kenan Özden, Prof. Dr. Tarık Çakar, Editor, Nobel Yayınevi,

Refereed Congress / Symposium Publications in Proceedings

- I. **Air Quality Index Prediction using Machine Learning: A Case study in İstanbul**
Geçici E., Şimşir M.
4th International Symposium of Scientific Research and Innovative Studies, Balıkesir, Turkey, 13 - 16 March 2024, pp.223-231
- II. **Customer Segmentation by Using Artificial Learning: An Application in Digital Accounting Transactions**
Geçici E., Alp S., Tuzkaya U. R., Ton O., Gökalp A.
3rd International Congress on Scientific Advances (ICONSAD), Balıkesir, Turkey, 20 - 23 December 2023, pp.249-255
- III. **Vaccination Rate Vs. Development Level Of The Countries: A Machine Learning Application**
İşık E. E., Şimşir M., Geçici E., Güneş M.
42. Yöneylem Araştırması ve Endüstri Mühendisliği (YA-EM) Kongresi, Gaziantep, Turkey, 1 - 03 November 2023, pp.186-187
- IV. **Prediction of the Solar Radiation by using Machine Learning Algorithms**
Yazıcı K., Geçici E., Şeker Ş.
3rd International Symposium of Scientific Research and Innovative Studies, Balıkesir, Turkey, 15 - 18 March 2023, pp.258-268
- V. **Socio-economic Evaluation of Settlements with Machine Learning Approaches: The Case Study of İstanbul**
Şimşir M., Geçici E.
3rd International Symposium of Scientific Research and Innovative Studies, Balıkesir, Turkey, 15 March 2023
- VI. **Estimation of Health Insurance Premium Fees Payable by Individuals: An Application of United States**
Geçici E., Soner Kara S.
41. Yöneylem Araştırması Endüstri Mühendisliği Kongresi, Denizli, Turkey, 26 - 28 October 2022, pp.56
- VII. **Filling Station Location Selection for Fuel Cell Vehicles**
Gündüz S. B., Geçici E., Güler M. G.
41. Yöneylem Araştırması Endüstri Mühendisliği Kongresi, Denizli, Turkey, 26 - 28 October 2022, pp.176
- VIII. **Grid Based Risk Assessment of a Hydrogen Supply Chain**
Geçici E., Güler M. G., Erdoğan A.
World Hydrogen Energy Conference, İstanbul, Turkey, 26 - 30 June 2022, pp.1409-1411
- IX. **Locating Hydrogen Refuelling Stations in İstanbul District**
Geçici E., Güler M. G., Gündüz S. B.
6th International Hydrogen Technologies Congress, Çanakkale, Turkey, 23 - 26 January 2022, pp.166-168
- X. **Design of Future Hydrogen Supply Chain: A Multi-Objective Model for Turkey**
Geçici E., Erdoğan A., Güler M. G.
TUBA World Conference on Energy Science and Technolcogy (TUBA WCEST – 2021), İstanbul, Turkey, 8 - 12 August 2021, pp.208-209
- XI. **Production Scheduling of a Natural Gas Power Plant**
Güler M. G., Geçici E., Gündüz S. B.
TUBA World Conference on Energy Science and Technolcogy (TUBA WCEST – 2021), İstanbul, Turkey, 8 - 12 August 2021, pp.216-217
- XII. **Location Selection of Hydrogen Refueling Stations: An Istanbul Case**
Geçici E., Güler M. G., Bilgiç T.
TUBA World Conference on Energy Science and Technolcogy (TUBA WCEST – 2021), İstanbul, Turkey, 8 - 12 August 2021, pp.159-160

- XIII. **Hidrojen Dolum İstasyonları Yerlerinin Belirlenmesi: İstanbul Örneği**
Geçici E., Güler M. G., Bilgiç T.
40. Yöneylem Araştırması ve Endüstri Mühendisliği Kongresi, İstanbul, Turkey, 4 - 07 July 2021, pp.44-45
- XIV. **Bir Başka Sınav Çizelgeleme Problemi: Bilinen Probleme Bilinen Çözümler**
Güler M. G., Geçici E., Koroğlu T., Becit E.
40. Yöneylem Araştırması ve Endüstri Mühendisliği Kongresi, İstanbul, Turkey, 4 - 07 July 2021, pp.85
- XV. **Modeling Antibiotic Resistance In Turkey With System Dynamics Approach**
Hasgül Z., Gül N. N., Geçici E.
40. Yöneylem Araştırması ve Endüstri Mühendisliği Kongresi, İstanbul, Turkey, 4 - 07 July 2021, pp.112
- XVI. **Sosyal Ağlarda Etki Maksimizasyonu: Karar Değişmeli Tamsayı Programlama Yaklaşımı**
Edalı M., Keskin M. E., Geçici E., Güler M. G.
40. Yöneylem Araştırması ve Endüstri Mühendisliği Kongresi, İstanbul, Turkey, 4 - 07 July 2021, pp.115-116
- XVII. **POST-CAMPAIGN INVENTORY MANAGEMENT**
Uzun K. K., Geçici E., Güler M. G.
International Symposium of Scientific Research and Innovative Studies, Balıkesir, Turkey, 22 - 25 February 2021, pp.212-214
- XVIII. **Hydrogen Supply Network**
Geçici E., Güler M. G.
WESCE, İstanbul, Turkey, 26 - 28 August 2019, pp.1-2

Supported Projects

Yüzer N., Yardım M. S., Turgut S., Yılmaz Genç S., Dikçinár Sel B., Erdem Okumuş D., Kılıç B., Özarpacı S., Bayrak O. C., Sakarya A., et al, Project Supported by Higher Education Institutions, Şubat 2023 Depremlerinin Bölgede Oluşturduğu Etkiler ve Yapay Zeka ile Afet Yönetim Planlaması, 2023 - 2024
Aydın N., Tuzkaya U. R., Şeker Ş., Alp S., Geçici E., Özen H., Oğuztimur S., Edalı M., Manisa K., Ministry of Transport, Creating Sustainable and Smart Mobility Strategy and Action Plan, 2021 - 2023

Metrics

Publication: 32

Citation (WoS): 8

Citation (Scopus): 78

H-Index (WoS): 2

H-Index (Scopus): 5