Res. Asst. Eyüp Ensar IŞIK

Personal Information

Office Phone: +90 212
Email: eeisik@yildiz.edu.tr
Web: https://avesis.yildiz.edu.tr/eeisik

International Researcher IDs
ScholarID: maICCaoAAAAJ
ORCID: 0000-0002-9180-0243
Publons / Web Of Science ResearcherID: ADT-4817-2022
ScopusID: 58159367600
Yoksis Researcher ID: 328307

Biography

Office Hours for 2023-2024 Spring Term:

I. MONDAY   13:00 - 16:00
II. TUESDAY   09:00 - 12:00

To meet outside office hours, please make an appointment by sending an e-mail (eeisik@yildiz.edu.tr).

Education Information

Postgraduate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Department Of Industrıal Engıneerıng, Turkey 2019 - 2021
Undergraduate, Dokuz Eylul University, Faculty Of Engıneerıng, Department Of Industrıal Engıneerıng, Turkey 2013 - 2019

Dissertations

Postgraduate, Optimizing the COVID-19 Cold Chain Vaccine Distribution Network with Medical Waste Management: A Robust Optimization Approach, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Department of Industrial Engineering, 2021

Research Areas

Industrial Engineering, Optimization Theory and Methods, Linear Programming, Heuristic Methods, Integer and Mixed Integer Programming, Production Planning and Control, Scheduling, Decision Theory, Multi Criteria Decision Making, Supply Chain and Logistics Management, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Yildiz Technical University, Faculty Of Mechanical Engineering, Department Of Industry Engineering, 2020 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Optimizing the COVID-19 cold chain vaccine distribution network with medical waste management: A robust optimization approach**
Ensar Işık E. E., Topaloglu Yildiz S.
Expert Systems with Applications, vol.229, 2023 (SCI-Expanded)

II. **Constraint programming models for the hybrid flow shop scheduling problem and its extensions**
Işık E. E., Yıldız Ş. A., Şatır Ö.
SOFT COMPUTING, vol.2023, pp.1-28, 2023 (SCI-Expanded)

III. **A Hyper-Personalized Product Recommendation System Focused on Customer Segmentation: An Application in the Fashion Retail Industry**
Yıldız E., Şen C., Işık E. E.
JOURNAL OF THEORETICAL AND APPLIED ELECTRONIC COMMERCE RESEARCH, vol.18, no.1, pp.571-596, 2023 (SSCI)

IV. **Integer and constraint programming models for the straight and U-shaped assembly line balancing with hierarchical worker assignment problem**
IŞIK E. E., YILDIZ Ş. A.
International Journal of Production Research, 2023 (SCI-Expanded)

Articles Published in Other Journals

I. **A Comparative Study on Customer Churn Analysis Using Machine Learning and Data Enrichment Techniques**
Karaarslan H., Baştuğ M., Şen C. G., Işık E. E.
Journal of Soft Computing and Decision Analytics, vol.2, no.1, pp.225-235, 2024 (Peer-Reviewed Journal)

II. **A constraint programming approach for multi-objective tourist trip design problem with mandatory visits: A case study for İzmir Turkey**
Işık E. E., Ayyıldız E., Taşkın A.
JOURNAL OF PROJECT MANAGEMENT, vol.9, no.1, pp.61-72, 2024 (ESCI)

III. **Maximizing Total Net Profit for Traveling Salesman Problem with Profits Using Metaheuristic Algorithms**
Işık E. E., Şimşir M.
The European Journal of Research and Development, vol.3, no.1, pp.46-59, 2023 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

I. **Optimizing Supervisor Assignment: A Mathematical Modeling Approach For A Real-World Application**
Geçici E., Işık E. E., Güneş M., Şimşir M.
Yöneylem Araştırması ve Endüstri Mühendisliği (YA/EM) 43. Ulusal Kongresi, Trabzon, Turkey, 2 - 04 October 2024, pp.139

II. **Analysis Of Artificial Intelligence Methods In Classifying Heart Attack Risk: Black-box Models Vs. Glass-box Models**
Geçici E., Işık E. E., Şimşir M., Güneş M.
5th International Congress of Applied Statistics (UYIK-2024), İstanbul, Turkey, 21 - 23 May 2024, pp.98

III. **Explainable Artificial Intelligence Applications in Predicting Injury Risks of Athletes**
Işık E. E., Şahin G., Soydan M.
V. Uluslararası Uygulamalı İstatistik Kongresi (UYIK - 2024) İstanbul / Türkiye, 21-23 Mayıs 2024, İstanbul, Turkey, 21 - 23 May 2024, pp.270-280

IV. **Vaccination Rate Vs. Development Level Of The Countries: A Machine Learning Application**

Işik 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

V. **Comparison of Various Fuzzy Mathematical Programming Approaches for a Parallel-Machine Scheduling Problem**
Işık E. E.
3rd International Symposium of Scientific Research and Innovative Studies (ISSRIS'23), Balıkesir, Turkey, 15 March 2023, pp.722-723

VI. **Optimal Dartboard Design with Simulated Annealing**
IŞIK E. E.
II. International Joint Conference on Engineering, Science and Artificial Intelligence (IJCESAI 2022), Bursa, Turkey, 02 December 2022, vol.1, pp.13-20

VII. **Optimizing the COVID-19 Cold Chain Vaccine Distribution Network with Medical Waste Management**
Işık E. E., Yıldız Ş. A.
40. YÖNEYLEM ARAŞTIRMASI VE ENDÜSTRİ MÜHENDİSLİĞİ KONGRESİ, İstanbul, Turkey, 4 - 07 July 2021, pp.111

VIII. **Zaman Pencereli Oryantiring Problemi için Kısıt Programlama Yaklaşımı**
Işık E. E., Ayyıldız E., Taşkın Gümüş A.
IES'20 International Engineering Symposium | Engineering Applications in Industry, İzmir, Turkey, 05 December 2020, pp.411-418

Metrics

Publication: 16
Citation (Scopus): 33
H-Index (Scopus): 2