

Res. Asst. BEREN GÜRSOY YILMAZ

Personal Information

Office Phone: [+90 462 377 2328](tel:+904623772328) Extension: 2328

Email: berengursoy@ktu.edu.tr

Web: <https://avesis.ktu.edu.tr/berengursoy>

Address: Karadeniz Teknik Üniversitesi, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü Ortahisar/Trabzon

International Researcher IDs

ScholarID: 11390970735197296686

ORCID: 0000-0001-7493-0639

Publons / Web Of Science ResearcherID: AAJ-8757-2021

ScopusID: 57933363900

Yoksis Researcher ID: 328433

Education Information

Doctorate, Istanbul Technical University, İşletme, Endüstri Mühendisliği, Turkey 2021 - Continues

Doctorate, University of Florida, Engineering, Industrial and System Engineering, United States Of America 2024 - 2024

Postgraduate, Yildiz Technical University, Faculty Of Mechanical Engineering, Department Of Industry Engineering, Turkey 2018 - 2021

Undergraduate, Yildiz Technical University, Faculty Of Mechanical Engineering, Department Of Industry Engineering, Turkey 2014 - 2018

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Postgraduate, Designing Just-in-Time Supply Chain Under Uncertainty with Stochastic and Robust Model Suggestions, Yildiz Technical University, Faculty Of Mechanical Engineering, Department Of Industry Engineering, 2021

Research Areas

Stochastic Modeling, Production Planning and Control, Supply Chain and Logistics Management, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Karadeniz Technical University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2020 - Continues

Researcher, University of Florida, Herbert Wertheim College of Engineering,, Industrial and Systems Engineering, 2024 - 2024

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Comparison of lot streaming division methodologies for multi-objective hybrid flowshop scheduling problem by considering limited waiting time**
Gürsoy Yılmaz B., Yılmaz Ö. F., Yeni F. B.
JOURNAL OF INDUSTRIAL AND MANAGEMENT OPTIMIZATION, vol.11, no.20, pp.3373-3414, 2024 (SCI-Expanded)
- II. **Lot streaming in workforce scheduling problem for seru production system under Shojinka philosophy**
GÜRSOY YILMAZ B., YILMAZ Ö. F., Çevikcan E.
COMPUTERS & INDUSTRIAL ENGINEERING, vol.185, 2023 (SCI-Expanded)
- III. **An optimization-based methodology equipped with lean tools to strengthen medical supply chain resilience during a pandemic: A case study from Turkey**
YILMAZ Ö. F., YENİ F. B., GÜRSOY YILMAZ B., ÖZÇELİK G.
TRANSPORTATION RESEARCH PART E-LOGISTICS AND TRANSPORTATION REVIEW, vol.173, 2023 (SCI-Expanded)
- IV. **Lot streaming in hybrid flowshop scheduling problem by considering equal and consistent sublots under machine capability and limited waiting time constraint**
Gürsoy Yılmaz B., Yılmaz Ö. F.
COMPUTERS & INDUSTRIAL ENGINEERING, vol.173, 2022 (SCI-Expanded)

Articles Published in Other Journals

- I. **Integrated multi-manned disassembly line balancing problem with reverse supply chain design strategies by considering lot sizing**
Öksüz E., Yılmaz Ö. F., Öksüz M. K., Gürsoy Yılmaz B.
JOURNAL OF INDUSTRIAL AND PRODUCTION ENGINEERING, pp.1-25, 2024 (ESCI)
- II. **Achieving tractable and reliable agriculture supply chain operations through Industry 4.0 tools to support Lean Six Sigma application**
Yeni F. B., Gürsoy Yılmaz B., Kayhan B. M., Özçelik G., Yılmaz Ö. F.
International Journal of Industrial Engineering and Operations Management, pp.1-30, 2024 (Peer-Reviewed Journal)
- III. **Modelling of just-in-time distribution network under raw material quality and time constraints**
Gürsoy B., Soner Kara S.
Sigma Journal of Engineering and Natural Sciences, vol.3, no.39, pp.313-321, 2021 (ESCI)
- IV. **Veri Analizi ve Optimizasyon Yöntemleri Kullanılarak Tam Zamanında Yaklaşımının Ağ Tasarım Modeline Uygulanması**
Gürsoy B., Soner Kara S.
Veri Bilimi, vol.4, no.2, pp.40-48, 2021 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Optimizing Workforce and Sub-Lot Scheduling in Seru Production Systems**
Gürsoy Yılmaz B., Çevikcan E., Yılmaz Ö. F.
International Conference on Engineering, Natural Sciences, and Technological Developments (ICENSTED 2024), Balıkesir, Turkey, 19 - 21 July 2024, pp.245-253
- II. **Just-in-Time Network Design Model Proposal and Solution Methods Using Data Analysis and Optimization Methods**
Gürsoy B., Soner Kara S.
ICONDATA, İstanbul, Turkey, 4 - 06 June 2021, pp.280-288

Supported Projects

Gürsoy Yılmaz B., TUBİTAK Project, Seru Üretim Sistemlerinin Tedarik Zinciri ile Bütünleştirilmesine Yönelik Bir Metodoloji Geliştirilmesi, 2024 - 2024

Yılmaz Ö. F., Gürsoy Yılmaz B., Project Supported by Higher Education Institutions, Demontaj hattı dengeleme problemlerinin çözümünde optimizasyon temelli yaklaşımlar için bütünsel bir yöntem bilim sunulması, 2021 - 2022

Yılmaz Ö. F., Gürsoy Yılmaz B., Project Supported by Higher Education Institutions, A Methodology Proposal to Ensure the Sustainability of Healthcare Supply Chains in the Case of the COVID19 Outbreak and Other Potential Outbreaks, 2021 - 2022

Metrics

Publication: 10

Citation (WoS): 65

Citation (Scopus): 70

H-Index (WoS): 5

H-Index (Scopus): 5