Res. Asst. PhD ÖZGE ŞATIR AKPUNAR

Personal Information

Email: ozge.satir@cbu.edu.tr
Web: https://avesis.mcbu.edu.tr/ozge.satir

International Researcher IDs
ScholarID: 6g7QxJ0AAAAJ
ORCID: 0000-0003-4112-2533
Publons / Web Of Science ResearcherID: IQR-6577-2023
ScopusID: 57220086577
Yoksis Researcher ID: 280028

Education

Doctorate, Dokuz Eylul University, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, Turkey 2019 - 2025
Doctorate, University of Liverpool, Management School, Operations and Supply Chain Management, England 2023 - 2024
Postgraduate, Dokuz Eylul University, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, Turkey 2015 - 2019
Masters (Non-Thesis), Friedrich-Alexander-Universitaet Erlangen-Nürnberg, Germany 2017 - 2017
Undergraduate, Dokuz Eylul University, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, Turkey 2011 - 2015

Foreign Languages

English

Dissertations

Doctorate, Modeling and Optimization of the drone base stations location-allocation problem, Dokuz Eylul University, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, 2025
Postgraduate, MULTI PRODUCT INVENTORY LOCATION-ROUTING PROBLEM WITH SHORTAGES, Dokuz Eylul University, Fen Bilimleri Enstitüsü, 2019
Masters (Non-Thesis), MULTI PRODUCT INVENTORY LOCATION-ROUTING PROBLEM WITH SHORTAGES, Friedrich-Alexander-Universitaet Erlangen-Nürnberg, 2017

Research Areas

Avesis Research Areas: Industrial Engineering, Optimization Theory and Methods, Linear Programming, Global Optimization, Heuristic Methods, Integer and Mixed Integer Programming, Simulation, Discrete Simulation, Production Planning and Control, Facility Location and Design, Placement Analysis, Decision Support Systems, Supply Chain and Logistics Management, Network Design
WoS Research Areas: Engineering Industrial, Engineering
Scopus Research Areas: General Engineering

Academic Positions

Research Assistant PhD, Manisa Celal Bayar University, Mühendislik Ve Doğa Bilimleri Fakültesi, Endüstri Mühendisliği, 2018 - Present

Courses

Undergraduate

Endüstri Sistem Tasarımları II, Undergraduate, 2025 - 2026
Endüstri Mühendisliğinde Modern Konular, Undergraduate, 2025 - 2026
İşletmede Mesleki Eğitim, Undergraduate, 2025 - 2026
Endüstri Mühendisliğinde Kariyer Planlama, Undergraduate, 2025 - 2026
Industrial Design I, Undergraduate, 2025 - 2026
System Analysis, Undergraduate, 2025 - 2026
Modern Heuristics Methods, Undergraduate, 2025 - 2026
Sosyal Sorumluluk Projesi, Undergraduate, 2025 - 2026
System Analysis, Undergraduate, 2025 - 2026

Articles

I. **Drones in emergencies: A review of recent developments and future directions**
ŞATIR AKPUNAR Ö., AKPINAR Ş.
COMPUTERS & INDUSTRIAL ENGINEERING, vol.216, 2026 (SCI-Expanded, Scopus)

II. **A Novel Mathematical Model with Fairness Constraints for Uninterrupted Network Coverage in Disasters**
Şatır Akpunar Ö., Akpınar Ş.
JOURNAL OF NETWORK AND SYSTEMS MANAGEMENT, vol.33, no.2, 2025 (SCI-Expanded, Scopus)

III. **Constraint programming models for the hybrid flow shop scheduling problem and its extensions**
IŞIK E. E., Topaloglu Yildiz S., ŞATIR AKPUNAR Ö.
Soft Computing, vol.27, no.24, pp.18623-18650, 2023 (SCI-Expanded, Scopus)

IV. **A hybrid adaptive large neighbourhood search algorithm for the capacitated location routing problem**
Şatır Akpunar Ö., Akpınar Ş.
Expert Systems with Applications, vol.168, 2021 (SCI-Expanded, Scopus)

V. **KARŞILANAMAYAN TALEPLİ ÇOKLU ÜRÜN ENVANTER YERLEŞİM VE ROTALAMA PROBLEMİ**
ŞATIR AKPUNAR Ö., AKPINAR Ş.
Uludağ Üniversitesi Mühendislik Fakültesi Dergisi, vol.23, no.4, pp.177-192, 2018 (TRDizin)

Papers Presented at Peer-Reviewed Scientific Conferences

I. **Fair location-allocation in disaster response: A metaheuristic approach**
Şatır Akpunar Ö., Akpınar Ş.
34th European Conference on Operational Research (EURO 2025), Leeds, England, 22 - 25 June 2025, pp.145-146, (Summary Text)

II. **Energy-constrained multi-drone covering tour problem with visit durations**
Şatır Akpunar Ö., Akpınar Ş., Bektaş T., İris Ç., Kasapidis G. A.
33rd European Conference on Operational Research (EURO2024), Kobenhavn, Denmark, 30 June - 03 July 2024, pp.55, (Summary Text)

III. **KARŞILANAMAYAN TALEPLİ ÇOKLU ÜRÜN ENVANTER YERLEŞİM VE ROTALAMA PROBLEMİ**
ŞATIR Ö., AKPINAR Ş.

7. ULUSAL LOJİSTİK VE TEDARİK ZİNCİRİ KONGRESİ, Bursa, Turkey, 3 - 05 May 2018, (Full Text)

IV. **Tam Otomasyonlu Üretim Hattı Benzetimi: Bir Uygulama**
ŞATIR Ö., AKPUNAR A.
YAEM 35. Ulusal Kongresi, Ankara, Turkey, 9 - 11 September 2015, (Summary Text)

Metrics

Publication: 9
Citation (WoS): 21
Citation (Scopus): 83
H-Index (WoS): 2
H-Index (Scopus): 3

Congress and Symposium Activities

9th EURO HOpe Mini-Conference, Attendee, Edinburgh, England, 2025
34th European Conference on Operational Research, Attendee, Leeds, England, 2025
33rd European Conference on Operational Research, Attendee, Kobenhavn, Denmark, 2024

Scholarships

2211-A Yurt İçi Genel Doktora Burs Programı, TUBITAK, 2021 - 2025
2214-A Yurt Dışı Doktora Sırası Araştırma Burs Programı, TUBITAK, 2023 - 2024

Non Academic Experience

Vestel Elektronik Ticaret A.Ş., Overseas Procurement Engineer