

Res. Asst. ASLIHAN KARAŞ ÇELİK

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Eskisehir Osmangazi University, FEN BİLİMLERİ ENSTİTÜSÜ, Endüstri Mühendisliği, Turkey 2020 - Continues

Postgraduate, Eskisehir Osmangazi University, FEN BİLİMLERİ ENSTİTÜSÜ, Endüstri Mühendisliği, Turkey 2017 - 2020

Undergraduate, Anadolu University, Faculty Of Engineering, Department Of Industrial Engineering, Turkey 2012 - 2017

Foreign Languages

English, C1 Advanced

Dissertations

Postgraduate, Montaj hattı işçi atama ve yeniden dengeleme problemi için bir yapay arı kolonisi algoritması, Eskisehir Osmangazi University, FEN BİLİMLERİ ENSTİTÜSÜ, Endüstri Mühendisliği, 2020

Research Areas

Industrial Engineering

Academic Titles / Tasks

Research Assistant, Eskisehir Osmangazi University, FEN BİLİMLERİ ENSTİTÜSÜ, 2547 S.Kanununun 35.Madd.Çalışan, 2020 - Continues

Research Assistant, Bursa Technical University, Faculty Of Engineering And Natural Sciences, Department Of Industrial Engineering, 2020 - 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- Assembly line worker assignment and rebalancing problem: A mathematical model and an artificial bee colony algorithm**
Karaş A., Özçelik F.
Computers and Industrial Engineering, vol.156, 2021 (SCI-Expanded)

Articles Published in Other Journals

- I. **A MATHEMATICAL MODEL FOR THE TYPE-II ASSEMBLY LINE BALANCING PROBLEM WITH HIERARCHICAL WORKER ASSIGNMENT**

Karaş Çelik A., Özçelik F.

Endüstri Mühendisliği, vol.35, no.1, pp.1-21, 2024 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Preemptive goal programming approach for assembly line worker assignment and rebalancing problem**

KARAŞ A., ÖZÇELİK F.

in: Research & Reviews in Engineering-I, NERGİS Banu, BARDAK Selahattin, KAYAR Mahmut, MENDİ Arif Furkan, Editor, Gece Kitaplığı, Ankara, pp.65-86, 2021

Refereed Congress / Symposium Publications in Proceedings

- I. **Multi-Objective Solution Approaches for Ergonomic Assembly Line Balancing Problem with Hierarchical Worker Assignment**

Karaş Çelik A., Özçelik F.

29. Ulusal Ergonomi Kongresi, Çanakkale, Turkey, 12 - 14 October 2023, pp.21

- II. **An Artificial Bee Colony Algorithm for Assembly Line Worker Assignment and Balancing Problem**

Karaş Çelik A., Özçelik F.

5th International Conference on Industrial & Mechanical Engineering and Operations Management, IMEOM 2022, 26 - 28 December 2022, pp.298-307

Metrics

Publication: 5

Citation (WoS): 14

Citation (Scopus): 21

H-Index (WoS): 1

H-Index (Scopus): 1

Congress and Symposium Activities

29. Ulusal Ergonomi Kongresi, Attendee, Çanakkale, Turkey, 2023

5th International Conference on Industrial & Mechanical Engineering and Operations Management (IMEOM), Attendee, Dhaka, Bangladesh, 2022

Non Academic Experience

Business Establishment Private, Eczacıbaşı Yapı Ürünleri Grubu, Üretim Planlama