

## Res. Asst. OĞUZ EMİR

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: AAG-2829-2021

ScopusID: 57220010096

Yoksis Researcher ID: 312613

### Education Information

Doctorate, Galatasaray University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği (Dr), Turkey 2022 - Continues

Postgraduate, İstanbul University-Cerrahpaşa, Lisansüstü Eğitim Enstitüsü, Endüstri Mühendisliği (YI) (Tezli), Turkey 2019 - 2022

Undergraduate, Istanbul Kultur University, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, Turkey 2013 - 2018

### Foreign Languages

English, C2 Mastery

### Dissertations

Postgraduate, Enhancing a food waste assessment model by implementing an intuitionistic fuzzy cognitive map approach, İstanbul University-Cerrahpaşa, Institute Of Graduate Education, Department Of Industrial Engineering, 2022

### Research Areas

Industrial Engineering

### Academic Titles / Tasks

Research Assistant, Istanbul Kultur University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2019 - Continues

### Academic and Administrative Experience

Ders/Sınav Planlama Fakülte/MYO Sorumlusu, Istanbul Kultur University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2023 - Continues

Alumni Relations Commission Member, Istanbul Kultur University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2019 - Continues

## Courses

Production Planning and Control, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020  
Operations Research I, Undergraduate, 2023 - 2024, 2022 - 2023  
Introduction to Computing, Undergraduate, 2023 - 2024, 2022 - 2023, 2019 - 2020  
Business Simulation, Undergraduate, 2023 - 2024, 2022 - 2023  
Facilities Design and Planning, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021  
Introduction to Programming, Undergraduate, 2021 - 2022, 2019 - 2020  
Quality Engineering, Undergraduate, 2021 - 2022  
Project Management, Undergraduate, 2021 - 2022, 2020 - 2021  
Object Oriented Programming, Undergraduate, 2021 - 2022  
Engineering Graphics, Undergraduate, 2019 - 2020

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **An integrated assessment of food waste model through intuitionistic fuzzy cognitive maps**  
Emir O., Önsel Ekici Ş.  
JOURNAL OF CLEANER PRODUCTION, vol.418, 2023 (SCI-Expanded)

## Articles Published in Other Journals

- I. **A SIMULATION-SUPPORTED VALUE STREAM MAPPING IMPLEMENTATION FOR LEAN SYSTEM DESIGN**  
Emir O., Gergin Z.  
Endüstri Mühendisliği, vol.32, no.1, pp.108-126, 2021 (Peer-Reviewed Journal)
- II. **A SIMULATION-SUPPORTED VALUE STREAM MAPPING IMPLEMENTATION FOR LEAN SYSTEM DESIGN**  
Emir O., Gergin Z.  
Endüstri Mühendisliği, vol.32, no.1, pp.108-126, 2021 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **An Excel-Based Stock Management System for a Leather Label Manufacturer**  
Uçucu E., Eraslan F. B., Kaymaklı Z. N., Emir O., Aktin A. T.  
in: Industrial Engineering in the Industry 4.0 Era, Numan M. Durakbasa, M. Güneş Gençyılmaz, Editor, Springer Nature, Vienna, pp.662-674, 2024
- II. **Implementation of MCDM Approaches for a Real-Life Location Selection Problem A Case Study of Consumer Goods Sector**  
Emir O.  
in: Digitizing Production Systems, Durakbasa, Numan M. Gençyılmaz, M. Güneş, Editor, Springer Nature, Vienna, pp.77-88, 2022
- III. **An Analytical Approach to Machine Layout Design at a High-Pressure Die Casting Manufacturer**  
Emir O., Aktin A. T.  
in: Digitizing Production Systems, Durakbasa, Numan M. Gençyılmaz, M. Güneş, Editor, Springer Nature, Vienna, pp.476-488, 2022
- IV. **A Decision Support Tool for Classification of Turkish SMEs' Industry 4.0 Score Levels**  
Dündar U., Yüksektepe F., Gergin Z., Emir O., Gençyılmaz M. G., Çavdarlı A. İ.  
in: Digital Conversion on The Way to Industry 4.0, Durakbaşa, Numan M. Gençyılmaz, M. Güneş, Editor, Springer Nature, Vienna, pp.264-276, 2021
- V. **A Comparative Sectoral Analysis of Industry 4.0 Readiness Levels of Turkish SMEs**

Emir O., Gergin Z., Yüksektepe F., Dündar U., Gençyılmaz M. G., Çavdarlı A. İ.

in: Digital Conversion on The Way to Industry 4.0, Durakbaşı, Numan M. Gençyılmaz, M. Güneş, Editor, Springer Nature, Vienna, pp.251-263, 2021

**VI. Lean Manufacturing Implementations for Process Improvement in a Company Operating in FMCG Sector**

Emir O., Karataş S., Ay E., Özker H., Gergin Z.

in: Proceedings of the International Symposium for Production Research 2018, Gençyılmaz, Güneş Durakbaşı, Numan, Editor, Springer Nature, Vienna, pp.546-564, 2019

## **Refereed Congress / Symposium Publications in Proceedings**

- I. **Afet Sonrası İlk Müdahale Ekiplerine Yönelik Son Kilometre Lojistik Planlaması için Geliştirilen Simülasyon Modellerinin İncelenmesi**  
Emir O., Işık O., Ermiş M.  
43. Yöneylem Araştırması ve Endüstri Mühendisliği Ulusal Kongresi, Trabzon, Turkey, 2 - 04 October 2024
- II. **An Excel-Based Stock Management System for a Leather Label Manufacturer**  
Uçucu E., Eraslan F. B., Kaymaklı Z. N., Emir O., Aktin A. T.  
International Symposium for Production Research 2023, Vienna, Austria, 5 - 07 October 2023, pp.662-674
- III. **Bir Deri Etiket Üreticisi için Excel Tabanlı Stok Yönetim Sistemi Geliştirilmesi**  
Eraslan F. B., Uçucu E., Kaymaklı Z. N., Emir O., Aktin A. T.  
42. Yöneylem Araştırması ve Endüstri Mühendisliği Kongresi, Gaziantep, Turkey, 01 November 2023
- IV. **Implementation of MCDM Approaches for a Real-Life Location Selection Problem: A Case Study of Consumer Goods Sector**  
Emir O.  
21st International Symposium on Production Research (ISPR) - Digitizing Production System, ELECTR NETWORK, 7 - 09 October 2021, pp.77-88
- V. **An Analytical Approach to Machine Layout Design at a High-Pressure Die Casting Manufacturer**  
Emir O., Aktin T.  
International Symposium for Production Research, ISPR2021, Virtual, Online, 7 - 09 October 2021, pp.476-488
- VI. **An Empirical Analysis Between Industry 4.0 Scores and Occurrence Frequency of Lean Wastes for Turkish SMEs**  
Emir O., Dündar U., Gergin Z., Yüksektepe F.  
31st European Conference on Operational Research, EURO 2021, Athens, Greece, 11 - 14 July 2021
- VII. **Analitik Yaklaşımların Uygulanarak Makine Yerleşiminin Belirlenmesi: Bir Yüksek Basıncılı Döküm Üreticisinde Uygulama**  
Taşkın S. N., Özen K., Dönmez İ., Özçelik M., Emir O., Aktin A. T.  
Yöneylem Araştırması ve Endüstri Mühendisliği 40. Ulusal Kongresi, İstanbul, Turkey, 4 - 07 July 2021
- VIII. **A Comparative Sectoral Analysis of Industry 4.0 Readiness Levels of Turkish SMEs**  
Emir O., Gergin Z., Üney-Yüksektepe F., Dündar U., Gençyılmaz G. M., Çavdarlı A. İ.  
International Symposium for Production Research, ISPR 2020, Antalya, Turkey, 24 - 26 September 2020, pp.251-263
- IX. **A Decision Support Tool for Classification of Turkish SMEs' Industry 4.0 Score Levels**  
Dündar U., Üney-Yüksektepe F., Gergin Z., Emir O., Gençyılmaz G. M., Çavdarlı A. İ.  
International Symposium for Production Research, ISPR 2020, Antalya, Turkey, 24 - 26 September 2020, pp.264-276
- X. **Lean Manufacturing Implementations for Process Improvement in a Company Operating in FMCG Sector**  
Emir O., Karakuş S., Ay E., Özker H., Gergin Z.  
International Symposium for Production Research 2018, Vienna, Austria, 28 August 2018 - 31 August 2019
- XI. **Lean Manufacturing System Design in a Company Operating in FMCG Sector**  
Karataş S., Ay E., Özker H., Emir O., Gergin Z.

Yöneylem Araştırması ve Endüstri Mühendisliği 38. Ulusal Kongresi (YAEM 2018), Eskişehir, Turkey, 26 - 29 June 2018

## **Tasks In Event Organizations**

Demirel D. F., Bilişik M. T., Emir O., Sürdürülebilirlik ve Yenilikçi Teknolojiler Sempozyumu, Scientific Congress, İstanbul, Turkey, Mayıs 2024

## **Metrics**

Publication: 20

Citation (WoS): 4

Citation (Scopus): 6

H-Index (WoS): 1

H-Index (Scopus): 2

## **Congress and Symposium Activities**

42. Yöneylem Araştırması ve Endüstri Mühendisliği Kongresi, Attendee, Gaziantep, Turkey, 2023