

## Asst. Prof. BERRİN ATALAY

### Personal Information

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### International Researcher IDs

ORCID: 0000-0002-7852-2082

Publons / Web Of Science ResearcherID: AAL-7772-2021

Yoksis Researcher ID: 199855

### Education Information

Doctorate, Erciyes University, Fen Bilimleri Enstitüsü, Yöneylem Araştırması Ana Bilim Dalı, Turkey 2014 - 2019

Postgraduate, Erciyes University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği Ana Bilim Dalı, Turkey 2009 - 2013

Undergraduate, Erciyes University, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, Turkey 2004 - 2009

### Foreign Languages

English, B2 Upper Intermediate

### Research Areas

Industrial Engineering , Production Planning and Control, Inventory Systems, Scheduling, Project Management, Engineering and Technology

### Academic Titles / Tasks

Research Assistant, Erciyes University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2014 - Continues

### Courses

Kariyer Planlama, Undergraduate, 2021 - 2022

Bitirme Ödevi, Undergraduate, 2020 - 2021

Endüstri Mühendisliği Uygulama, Undergraduate, 2020 - 2021

Sayısal Analiz, Undergraduate, 2020 - 2021

Süreç Yönetimi ve Kontrolü, Undergraduate, 2020 - 2021

Mühendislik Ekonomisi, Undergraduate, 2019 - 2020

Doğrusal Cebir, Undergraduate, 2020 - 2021

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

- I. **Some Scheduling Problems With Job Rejection And A Learning Effect**  
TOKSARI M. D., ATALAY B.  
COMPUTER JOURNAL, vol.66, no.4, pp.866-872, 2023 (SCI-Expanded)
- II. **SOME SCHEDULING PROBLEMS WITH SUM OF LOGARITHM PROCESSING TIMES BASED LEARNING EFFECT AND EXPONENTIAL PAST SEQUENCE DEPENDENT DELIVERY TIMES**  
TOKSARI M. D., KIZILKAYA AYDOĞAN E., ATALAY B., Sari S.  
JOURNAL OF INDUSTRIAL AND MANAGEMENT OPTIMIZATION, vol.18, no.3, pp.1795-1807, 2022 (SCI-Expanded)
- III. **COVID-19 prevalence forecasting using Autoregressive Integrated Moving Average (ARIMA) and Artificial Neural Networks (ANN): Case of Turkey**  
TOĞA G., ATALAY B., TOKSARI M. D.  
JOURNAL OF INFECTION AND PUBLIC HEALTH, vol.14, no.7, pp.811-816, 2021 (SCI-Expanded)
- IV. **Optimization of Formulation Ingredients and Aging Time for Ice Cream Processing Using Combined Design Approach**  
CANIYILMAZ E., Uçarkus B., KARAMAN S.  
JOURNAL OF FOOD PROCESSING AND PRESERVATION, vol.40, no.6, pp.1325-1338, 2016 (SCI-Expanded)

### Articles Published in Other Journals

- I. **Under Position Dependent Learning and Nonlinear Deterioration Effect on a Single Machine Scheduling Problem with Job Rejection**  
Atalay B., Toksarı M. D.  
Konya Mühendislik Bilimleri Dergisi, vol.7, no.4, pp.797-805, 2019 (Peer-Reviewed Journal)
- II. **Solution Approaches for Some Scheduling Problems with Learning Effect and Job Dependent Delivery Times**  
TOKSARI M. D., ATALAY B.  
International Journal of Social, Behavioral, Educational, Economic and Management Engineering, no.9, pp.3083-3086, 2015 (Peer-Reviewed Journal)

### Books & Book Chapters

- I. **Havacılık Endüstrisinde İş Sağlığı ve Güvenliği**  
Atalay B., Toğa G., Toksarı M. D.  
in: Havacılık Yönetimi ve Çağdaş Yaklaşımlar, Prof. Dr. Özgür Demirtaş, Editor, Nobel Yayın Dağıtım, Ankara, pp.229-244, 2023

### Refereed Congress / Symposium Publications in Proceedings

- I. **Öğrenme Etkisi Altında İş Reddetmeli Tek Makine Çizelgeleme Problemlerinde Maksimum Tamamlanma Zamanı En Küçüklenmesi**  
Atalay B., Toksarı M. D.  
IV. International Scientific and Vocational Studies Congress-Engineering, Ankara, Turkey, 7 - 10 November 2019, pp.1-3
- II. **Öğrenme Etkisi Altında İş Reddetmeli Tek Makine Çizelgeleme Problemlerinde Toplam Tamamlanma Zamanı En Küçüklenmesi**  
Atalay B., Toksarı M. D.  
IV. International Scientific and Vocational Studies Congress-Engineering, Ankara, Turkey, 7 - 10 November 2019, pp.1-4
- III. **Öğrenme ve Bozulma Etkisi Altında İşlerin Reddedilerek Çizelgelenmesi Problemi**

TOKSARI M. D., ATALAY B.

IMSEC 2017, Adana, Turkey, 25 - 27 October 2017, pp.586-588

**IV. Öğrenme Etkisi ve İşlerin Reddedilmesi Durumunda İşlerin Çizelgelenmesi**

UÇARKUŞ B., TOKSARI M. D.

IMSEC 2016, Adana, Turkey, 26 - 28 October 2016, pp.1-5

**V. Optimal Scheduling of Some Scheduling Problems with Learning Effect and Job Dependent Delivery Times**

TOKSARI M. D., UÇARKUŞ B.

ICIESM 2015: 17th International Conference on Industrial Engineering and Systems Management, 26 - 28 October 2015

**VI. Bi objective Single Machine Scheduling Problem with Learning Effect**

UÇARKUŞ B., TOKSARI M. D.

MCDM 2015-23RD INTERNATIONAL CONFERENCE ON MULTIPLE CRITERIA DECISION MAKING, 2 - 07 August 2015, pp.143

**VII. Scheduling Problems Under Some Special Things (Job Rejection, Past Sequence Dependence Time And Learning And Deteriorating Effects)**

UÇARKUŞ B., TOKSARI M. D.

23rd International Conference on Multiple Criteria Decision Making MCDM 2015, Hamburg, Germany, 2 - 07 August 2015, pp.1

## Supported Projects

TOKSARI M. D., UÇARKUŞ B., Project Supported by Higher Education Institutions, Öğrenme etkisi altında iş bağımlı geçmiş sıra tabanlı teslimat süreli çizelgeleme problemleri, 2014 - 2015

## Metrics

Publication: 14

Citation (WoS): 34

Citation (Scopus): 48

H-Index (WoS): 3

H-Index (Scopus): 3

## Congress and Symposium Activities

IV. International Scientific and Vocational Studies Congress-Engineering, Working Group, Ankara, Turkey, 2019

IMSEC 2017, Working Group, Adana, Turkey, 2017

IMSEC 2016, Working Group, Adana, Turkey, 2016

23rd International Conference on Multiple Criteria Decision Making MCDM 2015, Working Group, Hamburg, Germany, 2015

## Non Academic Experience

Business Establishment Private, Yataş A.Ş.

Yataş A.Ş.