Asst. Prof. UĞUR ATİCİ

Personal Information

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International Researcher IDs
ORCID: 0000-0002-4389-9744
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Certificates, Courses and Trainings

Data Analysis, R Studio, Hacettepe Üniversitesi, 2019

Dissertations

Doctorate, Ergonomik risk faktörleri altında çizelgeleme problemleri, Erciyes University, Fen Bilimleri Enstitüsü, 2020
Postgraduate, Yapay Sinir Ağları Kullanılarak Parti Büyüklüğü Belirleme, Erciyes University, Fen Bilimleri Enstitüsü, 2011

Research Areas

Simulation, Inventory Systems, Scheduling, Facility Location and Design, Project Management, Work Measurement and Methods Engineering, Reliability and Maintenance, Quality Control, Total quality Management, Scenario Analysis, Aeronautical Engineering

Academic Titles / Tasks

Assistant Professor, Sivas Cumhuriyet University, Mühendislik Fakültesi, 2020 - Continues

Courses

SAVUNMA SANAYİ FABRİKALARINDA YAPAY ZEKÂ UYGULAMALARI VE ÜRETİM OPTİMİZASYONU, Doctorate, 2020 - 2021
Bilgisayar Programlama, Undergraduate, 2020 - 2021
Uzmanlık Alan Dersi, Postgraduate, 2020 - 2021
Seminer Dersi, Postgraduate, 2020 - 2021
Mühendisler için Matematiksel Modelleme, Undergraduate, 2020 - 2021
Savunma ve Lojistik Yönetim, Postgraduate, 2020 - 2021
Entegre Lojistik Destek Yönetimi, Postgraduate, 2020 - 2021

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Effects of OCRA parameters and learning rate on machine scheduling**

ŞENYİĞİT E., ATİCİ U., Senol M. B.

CENTRAL EUROPEAN JOURNAL OF OPERATIONS RESEARCH, vol.30, no.3, pp.941-959, 2022 (SCI-Expanded)

II. **Determining aircraft maintenance times in civil aviation under the learning effect**

Atici U., Şenol M. B.

Aircraft Engineering And Aerospace Technology, vol.1, no.94, pp.1-15, 2022 (SCI-Expanded)

III. **A comprehensive decision framework with interval valued type-2 fuzzy AHP for evaluating all critical success factors of e-learning platforms**

Atici U., Adem A., Şenol M. B., Dağdeviren M.

EDUCATION AND INFORMATION TECHNOLOGIES, vol.26, no.6, pp.1-26, 2022 (SSCI)

IV. **Artificial neural network models for lot-sizing problem: a case study**

ŞENYİĞİT E., Atici U.

NEURAL COMPUTING & APPLICATIONS, vol.22, no.6, pp.1039-1047, 2013 (SCI-Expanded)

Articles Published in Other Journals

I.   **A fuzzy multi-criteria decision-making method for selection of criteria for an e-learning platform**

GÜLDEŞ M., GÜRCAN Ö. F., ATİCİ U., ŞAHİN C.

European Journal of Science and Technology, no.32, pp.797-806, 2021 (Peer-Reviewed Journal)

II. **Helicopter Shaft Heating Parameters for Polyamide-11 Coating**

Kevran S., Atici U.

The International Journal of Aviation, Aeronautics, and Aerospace , vol.8, no.3, pp.1-17, 2021 (Scopus)

III. **Öğrenme Eğrilerinin Karşılaştırılması**

Atici U.

Türk Doğa ve Fen Dergisi, vol.10, no.1, pp.119-129, 2021 (Peer-Reviewed Journal)

IV. **Giden Konteynerler İçin Depolama Yeri Belirleme Probleminin Çözümü İçin Yeni Bir Sezgisel Yöntem**

Şenyiğit E., Artut A., Mutlu S., Atici U.

İleri Mühendislik Çalışmaları ve Teknolojileri Dergisi, vol.1, no.2, pp.142-161, 2020 (Peer-Reviewed Journal)

V.   **Giden Konteynerler İçin Depolama Yeri Belirleme Probleminin Çözümü İçin Yeni Bir Sezgisel Yöntem**

ŞENYİĞİT E., ARTUT A., MUTLU S., ATİCİ U.

İleri Mühendislik Çalışmaları ve Teknolojileri Dergisi, vol.1, no.2, pp.142-161, 2020 (Peer-Reviewed Journal)

VI. **Parallel Machine Scheduling with WMSD Risk Considerations**

ŞENYİĞİT E., ATİCİ U.

European Journal of Science and Technology, pp.336-342, 2019 (Peer-Reviewed Journal)

VII. **Ergo-Scheduling**

ŞENYİĞİT E., ATİCİ U.

New Trends and Issues Proceedings on Humanities and Social Sciences, vol.4, no.10, pp.208, 2017 (Peer-Reviewed Journal)

VIII. **Long-term supplier selection problem: A case study**

ŞENYİĞİT E., Soylemez I., ATİCİ U.

New Trends and Issues Proceedings on Humanities and Social Sciences, vol.3, no.4, pp.182-189, 2017 (Peer-Reviewed Journal)

Books & Book Chapters

I.   **A Fuzzy Multi-Criteria Decision-Making Method for Selection of Biomass Power Plant Location**

ATİCİ U., GÜRCAN Ö. F., GÜLDEŞ M., ŞAHİN C.

in: Optimization and Decision-Making in the Renewable Energy Industry, Figen Balo, Ezgi Demir and Alptekin Ulutaş, Editor, IGI Global, pp.1-30, 2022

II. **Decision-Making for Biomass Harvesting Routing by using the Simulated Annealing**

ATİCİ U., TORUN Y., Darendelioğlu D.

in: Optimization and Decision-Making in the Renewable Energy Industry, Balo Fige, Topal Ayşe, Demir Ezgi, Ulutaş Alptekin, Editor, IGI GLOBAL, New York, pp.153-181, 2022

III. **A Forecasting Study of Covid-19 Epidemic: Turkey Case**

GÜRCAN Ö. F., BEYCA Ö. F., ATİCİ U., ER O.

in: Intelligent and Fuzzy Systems, Kahraman, C., Tolga, A.C., Cevik Onar, S., Cebi, S., Oztaysi, B., Sari, I.U., Editor, Springer, Cham., pp.263-271, 2022

IV. **Fuzzy Resource-Constrained Project Scheduling Under Learning Considerations**

Güldeş M., Atici U., Şahin C.

in: Intelligent and Fuzzy Techniques for Emerging Conditions and Digital Transformation, Kahraman C.,Cebi S.,Cevik Onar S.,Oztaysi B.,Tolga A.C.,Sari I.U., Editor, Springer, London/Berlin , Zug, pp.631-637, 2021

V. **Diagnosis of COVID-19 Using Deep CNNs and Particle Swarm Optimization**

GÜRCAN Ö. F., ATİCİ U., BİÇER M. B., DOĞAN O.

in: Intelligent and Fuzzy Techniques for Emerging Conditions and Digital Transformation, Kahraman C., Cebi S., Cevik Onar S., Oztaysi B., Tolga A.C., Sari I.U., Editor, Springer, Cham., pp.305-312, 2021

Refereed Congress / Symposium Publications in Proceedings

I. **A Forecasting Study of Covid-19 Epidemic: Turkey Case**

GÜRCAN Ö. F., BEYCA Ö. F., ATİCİ U., ER O.

INFUS 2022, 19 July 2022, pp.263-271

II. **BİYOKÜTLE ENERJİSİ ÜRETİMİ İÇİN ÇOKLU KAPASİTELİ ARAÇ ROTALAMA PROBLEMİ**

Darendelioğlu D., ATİCİ U., TORUN Y.

ULUSLARARASI İKSAD İKTİSAT KONGRESİ, Ankara, Turkey, 27 February 2022, pp.52-53

III. **Fuzzy Resource-Constrained Project Scheduling Under Learning Considerations**

GÜLDEŞ M., ATİCİ U., ŞAHİN C.

International Conference on Intelligent and Fuzzy Systems, INFUS 2021, İstanbul, Turkey, 24 - 26 August 2021, vol.307, pp.631-637

IV. **Diagnosis of COVID-19 using Deep CNNs and Particle Swarm Optimization**

GÜRCAN Ö. F., ATİCİ U., BİÇER M. B., DOĞAN O.

International Conference on Intelligent and Fuzzy Systems, İzmir, Turkey, 06 May 2021

V. **A Comprehensive Review of Learning Curves with Its Industrial Applications**

Şenol M. B., Atici U.

5th International Mediterranean Science and Engineering Congress (IMSEC 2020), Antalya, Turkey, 21 - 23 October 2020, vol.1, no.55, pp.76

VI. **A NEW PROJECT MANAGEMENT APPROACH FOR ERP IMPLEMENTATION IN STATE AGENCY**

Atici U., Şenyiğit E.

ASIA PACIFIC INTERNATIONAL CONGRESS ON CONTEMPORARY STUDIES-IV, Zambales, Philippines, 12 - 13 October 2020, vol.1, no.1, pp.551-560

VII. **MAKESPAN MINIMIZATION UNDER ERGONOMIC RISK CONSIDERATION AND LEARNING EFFECT**

ŞENYİĞİT E., ATİCİ U.

6. ULUSLARARASI MATEMATİK, MÜHENDİSLİK VE FEN VE SAĞLIK BİLİMLERİ KONGRESİ, 8 - 10 March 2019

VIII. **İşlem zamanı üzerinde WMSD etkisi: Uygulama çalışması**

ŞENYİĞİT E., ATİCİ U.

2nd International Mediterranean Science and Engineering Congress (IMSEC 2017), 25 October 2017 - 27 October 2018

IX. **Under Work Related Musculoskeletal Disorders Consideration Makespan minimization with job dependent learning index on parallel machine**

ŞENYİĞİT E., ATİCİ U.

3rd International Mediterranean Science and Engineering Congress (IMSEC 2018), 24 - 26 October 2018

X. **Scheduling with Job Dependent Learning Effect and Ergonomic Risk Deterioration**
ŞENYİĞİT E., ATİCİ U.
2nd International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT), Kizilcahamam,
19 - 21 October 2018

XI. **Bilgisayar Destekli İş ile İlgili Kas Ve İskelet Bozukluğu Risk Değerlendirme Aracı: İKİBRDA**
ŞENYİĞİT E., ATİCİ U.
International Symposium on Industry 4.0 and Applications (ISIA 2017), 12 - 14 October 2017

XII. **Long-term supplier selection problem: A case study**
ŞENYİĞİT E., SÖYLEMEZ İ., ATİCİ U.
5th World Conference on Business, Economics and Management, 12 - 14 May 2016, vol.3, pp.182-189

Supported Projects

Atici U., Şenyiğit E., Project Supported by Other Official Institutions, Ergonomik Risk Faktörleri Altında Çizelgeleme, 2017 -
2020
Atici U., Atici U., Project Supported by Other Official Institutions, Savunma Sanayi Projeleri, 2008 - 2020

Metrics

Publication: 29
Citation (WoS): 9
Citation (Scopus): 9
H-Index (WoS): 1
H-Index (Scopus): 2

Non Academic Experience

Public Corporation
Public Corporation
Public Corporation, 2'nci Hava İkmal Bakım Merkezi Komutanlığı
Public Corporation
Public Corporation
Business Establishment Private, 4T Bilgi İşlem Teknolojileri
Business Establishment Private