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Kişisel Bilgiler

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Uluslararası Araştırmacı ID'leri

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Eğitim Bilgileri

Doktora, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Türkiye 2014 - 2017

Yüksek Lisans, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Türkiye 2011 - 2014

Lisans, Bahçeşehir Üniversitesi, Engineering Faculty, Industrial Engineering Department, Türkiye 2004 - 2009

Araştırma Alanları

Eniyileme Kuramı ve Yöntemleri, Üretim Planlaması ve Kontrolü, Ergonomi ve İş Güvenliği, Tedarik Zinciri ve Lojistik Yönetimi

Akademik İdari Deneyim

Nuh Naci Yazgan Üniversitesi, 2022 - 2023

Nuh Naci Yazgan Üniversitesi, 2022 - 2023

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Fuzzy rule-based acceptance criterion in metaheuristic algorithms**
ARIK O. A.
JOURNAL OF KING SAUD UNIVERSITY-COMPUTER AND INFORMATION SCIENCES, cilt.34, sa.9, ss.7775-7789, 2022 (SCI-Expanded)
- II. **Additive manufacturing scheduling problem considering assembly operations of parts**
ARIK O. A.
OPERATIONAL RESEARCH, cilt.22, sa.3, ss.3063-3087, 2022 (SCI-Expanded)
- III. **Weighted earliness/tardiness parallel machine scheduling problem with a common due date**
ARIK O. A., Schutten M., Topan E.
EXPERT SYSTEMS WITH APPLICATIONS, cilt.187, 2022 (SCI-Expanded)
- IV. **Artificial bee colony algorithm including some components of iterated greedy algorithm for permutation flow shop scheduling problems**
ARIK O. A.
NEURAL COMPUTING & APPLICATIONS, cilt.33, sa.8, ss.3469-3486, 2021 (SCI-Expanded)

- V. **Single machine earliness/tardiness scheduling problem with grey processing times and the grey common due date**
ARIK O. A.
GREY SYSTEMS-THEORY AND APPLICATION, cilt.11, sa.1, ss.95-109, 2021 (SCI-Expanded)
- VI. **Population-based Tabu search with evolutionary strategies for permutation flow shop scheduling problems under effects of position-dependent learning and linear deterioration**
ARIK O. A.
SOFT COMPUTING, cilt.25, sa.2, ss.1501-1518, 2021 (SCI-Expanded)
- VII. **Handling of revenue sharing contracts within the scope of game theory**
Canbulut G., Kose E., ARIK O. A.
SOFT COMPUTING, cilt.25, sa.1, ss.321-329, 2021 (SCI-Expanded)
- VIII. **CROP PATTERN DETERMINATION WITH MIXED INTEGER MATHEMATICAL PROGRAMMING TECHNIQUE IN SPECIFIC AGRICULTURE LAND: A CASE STUDY OF TURKEY**
Eren H., ARIK O. A., YETİŞİR H.
FRESENIUS ENVIRONMENTAL BULLETIN, cilt.29, sa.9A, ss.8309-8318, 2020 (SCI-Expanded)
- IX. **GOAL PROGRAMMING APPROACH FOR CARRYING PEOPLE WITH PHYSICAL DISABILITIES**
ARIK O. A., Kose E., Canbulut G.
PROMET-TRAFFIC & TRANSPORTATION, cilt.32, sa.4, ss.585-594, 2020 (SCI-Expanded)
- X. **Simple assembly line balancing problem of Type 1 with grey demand and grey task durations**
ARIK O. A., Kose E., Forrest J.
GREY SYSTEMS-THEORY AND APPLICATION, cilt.9, sa.4, ss.401-414, 2019 (SCI-Expanded)
- XI. **Project Staff Scheduling with Theory of Coalition**
ARIK O. A., Kose E., Forrest J. Y.
GROUP DECISION AND NEGOTIATION, cilt.28, sa.4, ss.827-847, 2019 (SSCI)
- XII. **Fuzzy Parallel Machine Scheduling Problem Under Fuzzy Job Deterioration and Learning Effects With Fuzzy Processing Times**
ARIK O. A., TOKSARI M. D.
ADVANCED FUZZY LOGIC APPROACHES IN ENGINEERING SCIENCE, ss.49-67, 2019 (SCI-Expanded)
- XIII. **Mixed integer programming approach for seasonal anomalies instock markets: A case study for BIST**
ARIK O. A.
New Trends and Issues Proceedings on Humanities and Social Sciences, cilt.5, sa.2, ss.19-28, 2018 (SSCI)
- XIV. **Multi-objective fuzzy parallel machine scheduling problems under fuzzy job deterioration and learning effects**
ARIK O. A., TOKSARI M. D.
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, sa.7, ss.2488-2505, 2018 (SCI-Expanded)
- XV. **Single machine scheduling problems under position-dependent fuzzy learning effect with fuzzy processing times**
TOKSARI M. D., ARIK O. A.
JOURNAL OF MANUFACTURING SYSTEMS, ss.159-179, 2017 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Optimal policies for minimizing total job completion times and deviations from common due dates in unrelated parallel machine scheduling**
ARIK O. A.
OPSEARCH, 2024 (ESCI)
- II. **Memetic algorithm for unrelated parallel machine scheduling problem with grey processing times**
ARIK O. A.
Journal of Modelling in Management, cilt.18, ss.1584-1602, 2023 (ESCI)
- III. **A heuristic for single machine common due date assignment problem with different**

earliness/tardiness weights

ARIK O. A.

OPSEARCH, cilt.60, 2023 (ESCI)

- IV. **Public transportation vehicle selection by the grey relational analysis method**
CANBULUT G., KÖSE E., ARIK O. A.
Public Transport, cilt.14, ss.367-384, 2022 (ESCI)
- V. **ÖĞRENME VE BOZULMA ETKİLERİ ALTINDAKİ ORTAK TESLİM TARİHLİ TEK MAKİNE ERKEN/GEÇ TAMAMLANMA ÇİZELGELEME PROBLEMİNİN OPTİMAL ÇİZELGESİNİN V ŞEKLİNDEKİ ÖZELLİĞİ**
ARIK O. A.
Endüstri Mühendisliği, cilt.33, sa.1, ss.115-129, 2022 (Hakemli Dergi)
- VI. **Genetic algorithm application for permutation flow shop scheduling problems**
ARIK O. A.
GAZI UNIVERSITY JOURNAL OF SCIENCE, cilt.35, ss.92-111, 2022 (ESCI)
- VII. **An Economy's Emergent Properties and How Micro Agents with Inconsistent or Conflicting Interests Are Holistically Organized into Macro Entities**
Forrest J. Y., Gong Z., KÖSE E., Galbraith D. D., ARIK O. A.
NA-E GOSPODARSTVO/OUR ECONOMY, cilt.67, sa.3, ss.49-62, 2021 (Hakemli Dergi)
- VIII. **Long-term Plantation and Harvesting Planning for Industrial Plantation Forest Areas**
ARIK O. A.
SN Operations Research Forum, cilt.2, 2021 (Scopus)
- IX. **MINIMIZING MAKESPAN WITH FUZZY PROCESSING TIMES UNDER JOB DETERIORATION AND LEARNING EFFECT**
ARIK O. A., TOKSARI M. D.
Endüstri Mühendisliği, cilt.31, sa.1, ss.1-17, 2020 (Hakemli Dergi)
- X. **Dissatisfaction levels of earliness and tardiness durations by relaxing common due date on single machine scheduling problems**
ARIK O. A.
Journal of Multidisciplinary Modeling and Optimization, cilt.2, sa.1, ss.1-15, 2020 (Hakemli Dergi)
- XI. **Comparisons of metaheuristic algorithms for unrelated parallel machine weighted earliness/tardiness scheduling problems**
ARIK O. A.
Evolutionary Intelligence, cilt.13, ss.415-425, 2019 (ESCI)
- XII. **Credibility based chance constrained programming for project scheduling with fuzzy activity durations**
ARIK O. A.
AN INTERNATIONAL JOURNAL OF OPTIMIZATION AND CONTROL: THEORIES & APPLICATIONS (IJOCTA), cilt.9, sa.2, ss.208-215, 2019 (Scopus)
- XIII. **PROJECT SCHEDULING AND STAFF ALLOCATION PROBLEM WITH TIME-DEPENDENT LEARNING EFFECT: A MIXED INTEGER NON-LINEAR PROGRAMMING APPROACH**
ARIK O. A.
Eskişehir Technical University Journal of Science and and Technology A- Applied Sciences and Engineering, cilt.20, sa.3, ss.204-215, 2019 (Hakemli Dergi)
- XIV. **Artificial bee colony algorithm to forecast natural gas consumption of Turkey**
ARIK O. A.
SN Applied Sciences, cilt.1, sa.1138, 2019 (ESCI)

Kitap & Kitap Bölümleri

- I. **Fuzzy Parallel Machine Scheduling Problem under Fuzzy Job Deterioration and Learning Effects with Fuzzy Processing Times**

ARIK O. A., TOKSARI M. D.

Advanced Fuzzy Logic Approaches in Engineering Science, Mangey Ram, Editör, IGI Global Publisher, Hershey, ss.49-67, 2018

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **How Challenges and Successes of a Firm Depend on Its Input-Output Ecosystem**
Forest J., Yong L., Theresa W., KÖSE E., ARIK O. A.
50th Annual Conference of the Decision Sciences Institute / New Orleans, 23 - 25 Kasım 2019
- II. **Dependence of A Firm's Performance on Its Ecosystem's Upstream/Downstream Challenges**
Forrest J. Y., Liu Y., Wajda T. A., KÖSE E., ARIK O. A.
Annual Conference of the National Association of Business, Economics and Technology, Amerika Birleşik Devletleri, 07 Kasım 2019
- III. **Memetic Algorithm Applied to Forecast Future Natural Gas Demand of Turkey**
ARIK O. A.
International Congress on Human-Computer Interaction, Optimization and Robotic Applications, 5 - 06 Temmuz 2019
- IV. **Genetik Algoritma ile Türkiye'nin Doğal Gaz Talep Projeksiyonu. Yöneylem Araştırması ve Endüstri Mühendisliği**
ARIK O. A.
Yöneylem Araştırması ve Endüstri Mühendisliği (YAEM) 39. Ulusal Kongresi, Türkiye, 12 - 14 Haziran 2019
- V. **Dynamic Programming Approach to Selling and Buying of Stocks in XU030 Index of BIST by Forecasting Stock Prices for Next Five Years**
ARIK O. A.
International Conference on Advanced Technologies, Computer Engineering and Science (ICATCES), 11 - 13 Mayıs 2018
- VI. **Mixed Integer Linear Programming Approach for Seasonal Anomalies in Stock Markets: A Case Study for BIST**
ARIK O. A.
7th World Conference on Business, Economics and Management (BEM-2018), İzmir, Türkiye, 28 - 30 Nisan 2018
- VII. **Bulanık Bozulma ve Öğrenme Etkisi Altında Tek Makine Teslim Tarihi Atama Problemi**
ARIK O. A.
Yöneylem Araştırması ve Endüstri Mühendisliği (YAEM) 36. Ulusal Kongresi, Türkiye, 13 - 15 Temmuz 2016

Metrikler

Yayın: 37

Atf (WoS): 147

Atf (Scopus): 167

H-İndeks (WoS): 7

H-İndeks (Scopus): 8

Akademi Dışı Deneyim

University of Twente