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Publons / Web Of Science ResearcherID: L-5831-2018

ScopusID: 57218857337

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Education Information

Undergraduate, Anadolu University, İşletme Fakültesi, İşletme Bölümü, Turkey 2019 - 2023

Doctorate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Matematik, Turkey 2017 - 2023

Postgraduate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Matematik, Turkey 2014 - 2017

Undergraduate, Yildiz Technical University, Faculty Of Arts & Science, Matematik, Turkey 2009 - 2014

Undergraduate, Stockholms Universitet (Stockholm University), Mathematics, Mathematics, Sweden 2012 - 2013

Certificates, Courses and Trainings

Education Management and Planning, Pedagogik Formasyon Eğitimi, İSTANBUL ÜNİVERSİTESİ, 2014

Dissertations

Postgraduate, ÇOK AMAÇLI ÇOK PERİYOTLU ÇOK ÜRÜNLÜ KAPALI DEVRE TEDARİK ZİNCİRİ YÖNETİMİ İÇİN BİR BULANIK MODEL ÖNERİSİ, Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Matematik, 2017

Research Areas

Social Sciences and Humanities, Management, Quantitative Methods, Industrial Engineering , Supply Chain and Logistics Management, Mathematics, Optimization, Game Theory, Natural Sciences, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Yildiz Technical University, Faculty Of Arts & Science, Department Of Mathemeatics, 2018 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

1. A Hybrid Approach Based on Consensus Decision Making for Green Supplier Selection in Automotive

Industry

AKIN BAŞ S.

Sustainability (Switzerland), vol.16, no.7, 2024 (SCI-Expanded)

II. GREEN VEHICLE ROUTING MODEL VIA LINEAR FRACTIONAL PROGRAMMING: A RETAIL CASE STUDY FOR MARMARA REGION, TÜRKİYE

AKIN BAŞ S., ÖZKÖK B.

International Journal of Industrial Engineering : Theory Applications and Practice, vol.30, no.4, pp.933-940, 2023 (SCI-Expanded)

III. Multilevel AHP approach with interval type-2 fuzzy sets to portfolio selection problem

Meniz B., Bas S. A., Ozkok B. A., Tiryaki F.

Journal of Intelligent and Fuzzy Systems, vol.40, no.5, pp.8819-8829, 2021 (SCI-Expanded)

Articles Published in Other Journals

I. A novel iterative method to solve a linear fractional transportation problem

Bas S., Kocken H., ÖZKÖK B.

PAKISTAN JOURNAL OF STATISTICS AND OPERATION RESEARCH, vol.18, no.1, pp.151-166, 2022 (ESCI)

II. A fuzzy approach to multi-objective mixed-integer linear programming model for multi-echelon closed-loop supply chain with multi-product multi-time period

Bas S. A., Ozkok B. A.

Operations Research and Decisions, vol.30, no.1, pp.25-46, 2020 (ESCI)

III. GENERATING A SET OF COMPROMISE SOLUTIONS OF A MULTI-OBJECTIVE LINEAR PROGRAMMING PROBLEM THROUGH GAME THEORY

SİVRİ M., KÖÇKEN H., Albayrak I., AKIN BAŞ S.

OPERATIONS RESEARCH AND DECISIONS, vol.29, no.2, pp.77-88, 2019 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

I. Havayolu Endüstrisinde Yolcu Memnuniyetinin Bulanık Çok Kriterli Karar Verme Teknikleri Kullanılarak Değerlendirilmesi

Özkök B., Öztürk Uşun S., Meniz B., Akın Baş S.

42. YÖNEYLEM ARAŞTIRMASI VE ENDÜSTRİ MÜHENDİSLİĞİ ULUSAL KONGRESİ, Gaziantep, Turkey, 1 - 03 November 2023, pp.102

II. Havalimanı Hizmet Memnuniyetinin Makine Öğrenmesi Teknikleri Kullanılarak Değerlendirilmesi

Öztürk Uşun S., Özkök B., Akın Baş S., Meniz B.

42. YÖNEYLEM ARAŞTIRMASI VE ENDÜSTRİ MÜHENDİSLİĞİ ULUSAL KONGRESİ, Gaziantep, Turkey, 1 - 03 November 2023, pp.101

III. Lineer Kesirli Programlama İle Perakende Sektöründe Çevre Dostu Araç Rotalama Uygulaması

Akın Baş S., Özkök B., Meniz B., Öztürk Uşun S.

42. YÖNEYLEM ARAŞTIRMASI VE ENDÜSTRİ MÜHENDİSLİĞİ ULUSAL KONGRESİ, Gaziantep, Turkey, 1 - 03 November 2023, pp.124

IV. Linear Fractional Programming Method for Optimizing of Inventory Model with Price-Dependent Demand Rate

Akın Baş S., Özkök B.

Sixth International Conference on Analysis and Applied Mathematics, Antalya, Turkey, 31 October - 06 November 2022, pp.35-36

V. Analytical Hierarchy Process with Type-2 Fuzzy Sets

Cinar K., AKIN S., ÖZKÖK B.

INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND MATHEMATICAL MODELING, 2019, İstanbul, Turkey,

10 March 2019, pp.243

- VI. **A game theory based approach to generate a set of compromise solutions of a multiobjective linear programming problem**
SİVRİ M., KÖÇKEN H., ALBAYRAK F. İ., AKIN S.
INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND MATHEMATICAL MODELING, 2018, İstanbul, Turkey, 20 June 2018, pp.13
- VII. **A multi-objective mixed integer linear programming model proposal for multi-echelon closed-loop supply chain network**
AKIN S., ÖZKÖK B.
INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND MATHEMATICAL MODELING, 2018, İstanbul, Turkey, 20 June 2018, pp.21-22

Supported Projects

ÖZKÖK B., AKIN BAŞ S., Project Supported by Higher Education Institutions, Çok Amaçlı Çok Periyotlu Çok Ürünlü Kapalı Devre Tedarik Zinciri Yönetimi için Bir Bulanık Model Önerisi, 2016 - 2017

Scientific Refereeing

International Journal of Industrial Engineering: Theory, Applications and Practice, Journal Indexed in SCI-E, June 2023
Pakistan Journal of Statistics and Operation Research (PJSOR), Journal Indexed in ESCI, March 2022

Metrics

Publication: 14
Citation (WoS): 9
Citation (Scopus): 18
H-Index (WoS): 2
H-Index (Scopus): 2