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International Researcher IDs

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Education Information

Doctorate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Endüstri Mühendisliği, Turkey
2010 - 2016

Postgraduate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Endüstri Mühendisliği,
Turkey 2008 - 2010

Undergraduate, Yildiz Technical University, Department Of Industry Engineering, Industry Engineering, Turkey 2004 -
2008

Academic Titles / Tasks

Research Assistant PhD, Yildiz Technical University, Department Of Industry Engineering, Industry Engineering, 2016 -
Continues

Research Assistant, Yildiz Technical University, Department Of Industry Engineering, Industry Engineering, 2009 - 2016

Courses

Risk Analysis and Management, Undergraduate, 2023 - 2024

Lab. Applications in Industrial Engineering, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 -
2020, 2018 - 2019

Warehouse Management, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 -
2019

Scheduling, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Reliability Engineering, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

Decision Support Systems, Undergraduate, 2020 - 2021, 2019 - 2020, 2017 - 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **An integrated decision-making methodology based on Pythagorean fuzzy sets for social robot evaluation**

KAYA İ., KARAŞAN A., ÖZKAN B., ÇOLAK M.

SOFT COMPUTING, vol.26, no.19, pp.9831-9858, 2022 (SCI-Expanded)

- II. **Planning Location of Mobility Hub for Sustainable Urban Mobility**

AYDIN N., ŞEKER Ş., ÖZKAN B.

Sustainable Cities and Society, vol.81, 2022 (SCI-Expanded)

- III. **A Fuzzy Based Performance Model for the Assessment of Individual Sport Branches: A Case Study for Tennis Players**
ÖZKAN B., KARAŞAN A., KAYA İ.
JOURNAL OF MULTIPLE-VALUED LOGIC AND SOFT COMPUTING, vol.37, pp.27-51, 2021 (SCI-Expanded)
- IV. **Creating a road map for industry 4.0 by using an integrated fuzzy multicriteria decision-making methodology**
Kaya İ., Erdoğan M., Kardeş A., Özkan B.
SOFT COMPUTING, vol.24, pp.17931-17956, 2020 (SCI-Expanded)
- V. **A multi-criteria evaluation model based on hesitant fuzzy sets for blockchain technology in supply chain management**
Colak M., Kaya İ., Özkan B., Budak A., Kardeş A.
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.38, pp.935-946, 2020 (SCI-Expanded)
- VI. **A Fuzzy Based Goal Programming Methodology for Minimizing the Risk Factors: A Real Case Application in Pharmaceutical Sector**
ÖZKAN B., KAYA İ., Başligil H.
JOURNAL OF MULTIPLE-VALUED LOGIC AND SOFT COMPUTING, vol.28, pp.475-493, 2017 (SCI-Expanded)
- VII. **A Hybrid Multicriteria Decision Making Methodology Based on Type-2 Fuzzy Sets For Selection Among Energy Storage Alternatives**
ÖZKAN B., KAYA İ., Cebeci U., Başligil H.
INTERNATIONAL JOURNAL OF COMPUTATIONAL INTELLIGENCE SYSTEMS, vol.8, no.5, pp.914-927, 2015 (SCI-Expanded)
- VIII. **A Fuzzy Mixed Integer Linear Programming Model for A Reverse Logistics System with A Real Case Application**
Özkan B., Başligil H., Kaya İ., Özkır V.
JOURNAL OF MULTIPLE-VALUED LOGIC AND SOFT COMPUTING, vol.25, pp.269-289, 2015 (SCI-Expanded)
- IX. **A distribution network optimization problem for third party logistics service providers**
Hüseyin B., SONER KARA S., ALCAN P., ÖZKAN B., Çağlar E. G.
Expert Systems With Applications, vol.38, pp.12730-12738, 2011 (SCI-Expanded)

Articles Published in Other Journals

- I. **Evaluating Vaccine Temperature Monitoring Systems via Fuzzy Analytic Hierarchy Process**
Özkan B., Başligil H.
Istanbul University Journal of the School of Business, vol.45, 2016 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Selecting the Best Strategy for Industry 4.0 Applications with a Case Study**
ERDOĞAN M., ÖZKAN B., KARAŞAN A., KAYA İ.
in: Industrial Engineering in the Industry 4.0 Era, Calisir Fethi, Camgoz Akdag Hatice, Editor, Springer, pp.109-119, 2018
- II. **Selecting the Best Strategy for Industry 4.0 Applications with a Case Study**
ERDOĞAN M., ÖZKAN B., KARAŞAN A., KAYA İ.
in: Industrial Engineering in the Industry 4.0 Era, Calisir F., Camgoz Akdag H., Editor, Springer, Cham, Berlin, pp.109-119, 2018

Refereed Congress / Symposium Publications in Proceedings

- I. **Evaluating blockchain risks by using a MCDM methodology based on pythagorean fuzzy sets**
Özkan B., Kaya İ., Erdoğan M., Karaşan A.
International Conference on Intelligent and Fuzzy Systems, INFUS 2019, İstanbul, Turkey, 23 - 25 July 2019, vol.1029, pp.935-943
- II. **Evaluation of defense strategies by using a MCDM methodology based on neutrosophic sets: A case study for Turkey**
Karaşan A., Kaya İ., Erdoğan M., Özkan B., Çolak M.
International Conference on Intelligent and Fuzzy Systems, INFUS 2019, İstanbul, Turkey, 23 - 25 July 2019, vol.1029, pp.683-692
- III. **Prioritizing Cosmetics Brands' Websites Evaluation Criteria by Using Pythagorean Fuzzy AHP**
Özkan B.
Operations Research 2019, Dresden, Germany, 3 - 06 September 2019, pp.1
- IV. **Selecting the Best Strategy for Industry 4.0 Applications with a Case Study**
Erdogan M., ÖZKAN B., KARAŞAN A., KAYA İ.
Global Joint Conference on Industrial Engineering and Its Application Areas (GJCIE), Vienna, Austria, 20 - 21 July 2017, pp.109-119
- V. **Evaluating the Performance Criteria of Health Information Systems by Using Fuzzy Type-2 Multi Criteria Decision Making Methodology**
ÖZKAN B.
International Conference on Operations Research OR2017, Berlin, Germany, 06 September 2017, pp.62
- VI. **Selecting the Best Strategy for Industry 4.0 Application with a Case Study**
ERDOĞAN M., ÖZKAN B., KARAŞAN A., KAYA İ.
Global Joint Conference on Industrial Engineering and Its Application Areas 2017, 20 - 21 July 2017
- VII. **Evaluating Risks in a Pharmaceutical Supply Chain by Using Type-2 Fuzzy Analytic Hierarchy Process**
ÖZKAN B., BAŞLIGİL H.
27th European Conference on Operational Research, Glasgow, United Kingdom, 12 July 2015, pp.135
- VIII. **Modeling Risks in Supply Chain: An Overview to Literature**
ÖZKAN B., BAŞLIGİL H.
International Annual Conference of the German OR Society, Aachen, Germany, 02 September 2014, pp.133
- IX. **Minimizing the risk factors in a pharmaceutical supply chain by using goal programming**
ÖZKAN B., KAYA İ., BAŞLIGİL H.
4th International Conference on Risk Analysis and Crisis Response, RACR 2013, İstanbul, Turkey, 27 - 29 August 2013, pp.505-509
- X. **Evaluation of Academic Research Project Types: A Multi Criteria Decision Making Methodology**
Bölükbaş U., Özkan B., Başlıgil H.
2nd International Conference on Information Technology , E-Government and Applications (ICITEA 2013), İstanbul, Turkey, 22 - 23 October 2013, pp.2-3
- XI. **Evaluation Management Approaches in Green Supply Chain Using Extended VIKOR Method**
Özkan B., ÇETİN DEMİREL N., Başlıgil H.
Operations Research 2012, International Annual Conference of the German OR Society, Hannover, Germany, 05 September 2012, pp.209
- XII. **Multi-Criteria Evaluation of Target Market Policies Using Choquet Integral**
ÇETİN DEMİREL N., Özkan B.
14th International Conference on Information Processing and Management of Uncertainty in Knowledge-Based Systems, Catania, Italy, 10 July 2012
- XIII. **İnşaat Projelerindeki Risklerin Bulanık AHP Kullanılarak Ağırlıklandırılması**
Özkan B., ÇETİN DEMİREL N.
Yöneylem Araştırması ve Endüstri Mühendisliği 32.Ulusal Kongresi YAEM 2012, İstanbul, Turkey, 20 June 2012
- XIV. **Choosing the Appropriate Collection Center Place for a Reverse Logistics System**

ÖZKAN B., BAŞLIGİL H.

VIII. International Logistics and Supply Chain Congress, 01 November 2010

XV. **Analitik Hiyerarşi Prosesi ve Bulanık Analitik Hiyerarşi Prosesi ile Lojistik Firması Seçimi**

ÖZKAN B., KIBAR U., BAŞLIGİL H.

30. Ulusal Yöneylem Araştırması ve Endüstri Mühendisliği Kongresi, 01 June 2010

XVI. **Evaluating Transportation Types According to Different Sectors: A Multi Criteria Decision Making Methodology**

ÖZKAN B., BAŞLIGİL H.

VII. International Logistics and Supply Chain Congress, 01 November 2009

XVII. **Levels of Information Sharing and Information Value in Supply Network**

BALIN S., ÖZKAN B.

VII. International Logistics and Supply Chain Congress, 01 November 2009

Metrics

Publication: 31

Citation (WoS): 104

Citation (Scopus): 222

H-Index (WoS): 5

H-Index (Scopus): 6