

Res. Asst. PhD Betül ÖZKAN

Personal Information

Email: bozkan@yildiz.edu.tr

Web: <https://avesis.yildiz.edu.tr/bozkan>

Education Information

Doctorate, Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Endüstri Mühendisliği, Turkey 2010 - 2016

Post Graduate, Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Endüstri Mühendisliği, Turkey 2008 - 2010

Under Graduate, Yıldız Teknik Üniversitesi, Department of Industry Engineering, Industry Engineering, Turkey 2004 - 2008

Academic Titles / Tasks

Research Assistant PhD, Yıldız Teknik Üniversitesi, Department of Industry Engineering, Industry Engineering, 2016 - Continues

Research Assistant, Yıldız Teknik Üniversitesi, Department of Industry Engineering, Industry Engineering, 2009 - 2016

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Creating a road map for industry 4.0 by using an integrated fuzzy multicriteria decision-making methodology**
Kaya İ., Erdoğan M., Karışan A., Özkan B.
SOFT COMPUTING, 2020 (Journal Indexed in SCI)
- II. **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., Karışan A.
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.38, pp.935-946, 2020 (Journal Indexed in SCI)
- III. **A Fuzzy Based Goal Programming Methodology for Minimizing the Risk Factors: A Real Case Application in Pharmaceutical Sector**
ÖZKAN B., KAYA İ., Basligil H.
JOURNAL OF MULTIPLE-VALUED LOGIC AND SOFT COMPUTING, vol.28, pp.475-493, 2017 (Journal Indexed in SCI)
- IV. **A Hybrid Multicriteria Decision Making Methodology Based on Type-2 Fuzzy Sets For Selection Among Energy Storage Alternatives**
ÖZKAN B., KAYA İ., Cebeci U., Basligil H.
INTERNATIONAL JOURNAL OF COMPUTATIONAL INTELLIGENCE SYSTEMS, vol.8, pp.914-927, 2015 (Journal Indexed in SCI)
- V. **A Fuzzy Mixed Integer Linear Programming Model for A Reverse Logistics System with A Real Case Application**
ÖZKAN B., Basligil H., KAYA İ., ÖZKIR V.
JOURNAL OF MULTIPLE-VALUED LOGIC AND SOFT COMPUTING, vol.25, pp.269-289, 2015 (Journal Indexed in SCI)
- VI. **A distribution network optimization problem for third party logistics service providers**

Articles Published in Other Journals

I. **Evaluating Vaccine Temperature Monitoring Systems via Fuzzy Analytic Hierarchy Process**

Özkan B., Başlıgil H.

Istanbul University Journal of the School of Business, vol.45, 2016 (Refereed Journals of Other Institutions)

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. **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

II. **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

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, Scotland, 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. **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
- X. **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
- XI. **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
- XII. **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
- XIII. **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
- XIV. **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
- XV. **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
- XVI. **Levels of Information Sharing and Information Value in Supply Network**
Balın S., ÖZKAN B.
VII. International Logistics and Supply Chain Congress, 01 November 2009

Citations

Total Citations (WOS):38

h-index (WOS):4