

İBRAHİM YILMAZ

ASST. PROF.

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Learning Knowledge

Doctorate 2016 - 2020	State University of New York at Binghamton, THE WATSON SCHOOL OF ENGINEERING, United States Of America
Postgraduate 2010 - 2012	Gazi University, Graduate School Of Natural And Applied Sciences, Turkey
Undergraduate 2005 - 2010	Gazi University, Faculty of Engineering, Turkey

Foreign Languages

English, C2 Mastery

Dissertations

Doctorate, Distributed decision algorithms for fair resource allocations in collaborative networks, State University of New York at Binghamton, 2018

Academic Titles / Tasks

Assistant Professor 2019 - Continues	Ankara Yildirim Beyazit University, Mühendislik Ve Doğa Bilimleri Fakültesi, Endüstri Mühendisliği
Lecturer 2019 - 2019	Ankara Yildirim Beyazit University, Mühendislik Ve Doğa Bilimleri Fakültesi, Endüstri Mühendisliği

Published journal articles indexed by SCI, SSCI, and AHCI

- Dynamic-distributed decisions and sharing protocol for fair resource sharing in collaborative network**
YILMAZ İ., Yoon S. W.
International Journal of Production Economics, vol.226, 2020 (Journal Indexed in SCI Expanded)
- Evaluation of retail industry performance ability through integrated intuitionistic fuzzy TOPSIS and**

data envelopment analysis approach

Rouyendegh B. D. , YILDIZBAŞI A., YILMAZ İ.

Soft Computing, 2020 (Journal Indexed in SCI Expanded)

3. A framework and algorithm for fair demand and capacity sharing in collaborative networks

Yilmaz İ., Yoon S. W. , Seok H.

International Journal of Production Economics, vol.193, pp.137-147, 2017 (Journal Indexed in SCI Expanded)

Articles Published in Other Journals

1. A Distributed Adaptive Coordination Protocol to Enhance Manual Order Picking Operations

Dauod H., YILMAZ İ., Yoon S. W.

Procedia Manufacturing, vol.17, pp.1023-1030, 2018 (Refereed Journals of Other Institutions)

Books & Book Chapters

1. COVID-19 Pandemi Sürecinde Tıbbi Atık İşleme Tesislerinde Talep ve Kapasite Paylaşım Kararları

BÜLTER A. E. , YILMAZ İ., ÇERÇİOĞLU H.

in: Current Debates on Natural and Engineering Sciences, Güler Cengiz, Karacagil Zeynel, Editor, Bilgin Kültür Sanat Yayınlar, Ankara, pp.124-134, 2022

2. BULANIK ÇOK KRİTERLİ KARAR VERME YÖNTEMLERİ - MS Excel ® ve Software Çözümlü Uygulamalar

YILDIZBAŞI A., YILMAZ İ., ERDEBİLLİ B.

Nobel, 2021

3. COVID-19 Salgını Sürecinde Uzaktan Eğitim Platformlarının Tek Değerli Nötrosifik TODIM Metodu ile Değerlendirilmesi

YILMAZ İ.

in: BULANIK ÇOK KRİTERLİ KARAR VERME YÖNTEMLERİ - MS Excel ® ve Software Çözümlü Uygulamalar, Kabak Mehmet, Erdebilli Babek, Editor, NOBEL, Ankara, pp.314-329, 2021

4. Augmented Reality in Supply Chain Management

DEMİR S., YILMAZ İ., PAKSOY T.

in: Logistics 4.0 Digital Transformation of Supply Chain Management, Paksoy Turan, Koçhan Çiğdem, Ali Sadia Samar, Editor, CRC Press, Florida, pp.136-146, 2020

Refereed Congress / Symposium Publications in Proceedings

1. Ağaçşleri Endüstrisinde Faaliyet Gösteren İşletmelerde Kişisel Koruyucu Donanım Tercihlerinin Öncelik Sırasının Zelirlenmesinde MACBETH Yöntemi Uygulanması

YILMAZ İ., YILMAZ K.

27. Ulusal Ergonomi Kongresi, İzmir, Turkey, 25 March 2022, pp.14

2. Evaluation of Electrical Vehicles Charging Stations Location Decisions for Shopping Malls in Ankara

YILMAZ İ., Başsoy A., Çakır M. K. , Çetin B.

International Conference on Science, Engineering Management and Information Technology 2022 (Semit 2022), Ankara, Turkey, 02 February 2022

3. Efficiency assessment of wind farms across Marmara region: A novel hybrid fuzzy DEA-Fuzzy MCDM

YILMAZ İ.

International Conference on Science, Engineering Management and Information Technology 2022 (Semit 2022), Ankara, Turkey, 02 February 2022

4. A Novel Framework for Blood Bank Inventory Management

YILMAZ İ., Dođancı S., Çelikten Z.

International Conference on Science, Engineering Management and Information Technology 2022 (Semit 2022), Ankara, Turkey, 02 February 2022

5. **Covid-19 Vaccination Scheduling Using Feature Selection by Machine Learning Approach**
YILMAZ İ., Türkkan Y., Deđerli Y.
International Conference on Science, Engineering Management and Information Technology 2022 (Semit 2022), Ankara, Turkey, 02 February 2022
6. **Key Challenges of Lithium-Ion Battery Recycling Process in Circular Economy Environment: Pythagorean Fuzzy AHP Approach**
YILDIZBAŞI A., ÖZTÜRK C., YILMAZ İ., ARIÖZ Y.
International Conference on Intelligent and Fuzzy Systems, INFUS 2021, İstanbul, Turkey, 24 - 26 August 2021, vol.308, pp.561-568
7. **Vaccine Selection Using Interval-Valued Intuitionistic Fuzzy VIKOR: A Case Study of Covid-19 Pandemic**
ÖZTÜRK C., YILDIZBAŞI A., YILMAZ İ., ARIÖZ Y.
International Conference on Intelligent and Fuzzy Systems, INFUS 2021, İstanbul, Turkey, 24 - 26 August 2021, vol.308, pp.101-108
8. **Hospital Type Location Allocation Decisions by Using Pythagorean Fuzzy Sets Composition: A Case Study of COVID-19**
YILMAZ İ., ARIÖZ Y., ÖZTÜRK C., YILDIZBAŞI A.
International Conference on Intelligent and Fuzzy Systems, INFUS 2021, İstanbul, Turkey, 24 - 26 August 2021, vol.308, pp.589-597
9. **Big Data-Driven in COVID-19 Pandemic Management System: Evaluation of Barriers with Spherical Fuzzy AHP Approach**
ARIÖZ Y., YILMAZ İ., YILDIZBAŞI A., ÖZTÜRK C.
International Conference on Intelligent and Fuzzy Systems, INFUS 2021, İstanbul, Turkey, 24 - 26 August 2021, vol.308, pp.811-818
10. **Collaborative Perishable Inventory Management through Coordination Protocols under Stochastic Parameters**
YILMAZ İ., ÇERÇİOđLU H., ÇALIŞKAN E.
5th International Conference on Engineering Sciences, Ankara, Turkey, 19 September 2019, vol.1, pp.59
11. **Stratified Fuzzy MCDM Method**
ÇAđLAYAN N., ERDEBİLLİ B., YILMAZ İ.
5th International Conference on Engineering Sciences, Ankara, Turkey, 19 September 2019, vol.1, pp.108
12. **Real-Time Pricing Protocol for Demand-side Management in Smart-Grid Network**
YILMAZ İ., DEMİR S.
5th International Conference on Engineering Sciences, Ankara, Turkey, 19 September 2019, vol.1, pp.51
13. **Elektrik Akımı Kaynaklı Yangın Sebeplerinin İstatistiksel Analizi**
ERASLAN E., YILMAZ İ., Ceran N.
25.Ulusal Ergonomi Kongresi, Samsun, Turkey, 18 - 20 October 2019, pp.28
14. **An Extended Contract Net Protocol for Distributed Decision Mechanism in Collaborative Networks**
YILMAZ İ., YOON S. W.
The 6th Annual World Conference of the Society for Industrial and Systems Engineering, Herndon, United States Of America, 19 October 2017
15. **A Dynamic Negotiation Mechanism for Collaboration Price in Collaborative Network through Price Elasticity**
YILMAZ İ., YOON S. W.
Proceedings of the 2017 Industrial and Systems Engineering Conference, Pittsburg, United States Of America, 22 March 2017, vol.1, pp.1631-1636
16. **Collaborative Perishable Inventory Management Using Demand and Capacity Sharing Coordination Protocols**

Dauod H., YILMAZ İ., YOON S. W.

Proceedings of the 2017 Industrial and Systems Engineering Conference, Pittsburg, United States Of America, 24 May 2017, pp.494-499

Citations

Total Citations (SCOPUS):22

h-index (SCOPUS):3

Research Areas

Industrial Engineering , Stochastic Modeling, Optimization Theory and Methods, Inventory Systems, Decision Theory, Multi Criteria Decision Making, Network Design, Engineering and Technology