

Asst. Prof. ABDULLAH YILDIZBAŐI

Personal Information

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Education Information

Doctorate, Eskişehir Osmangazi Üniversitesi, Mühendislik-Mimarlık Fakültesi, Endüstri Mühendisliği Bölümü, Turkey 2011 - 2015

Postgraduate, Syracuse University, LC Smith College of Engineering, Industrial Engineering, United States Of America 2008 - 2010

Undergraduate, Selçuk Üniversitesi, Mühendislik-Mimarlık Fakültesi, Endüstri Mühendisliği Pr., Turkey 2002 - 2006

Foreign Languages

English, C2 Mastery

Dissertations

Doctorate, Otomotiv sektöründe yeşil tedarik zinciri yönetimi için matematiksel model önerisi ile etkileşimli bulanık programlama ve genetik algoritma tabanlı melez çözüm yaklaşımı, Eskişehir Osmangazi Üniversitesi, Mühendislik-Mimarlık Fakültesi, Endüstri Mühendisliği Bölümü, 2015

Research Areas

Production Planning and Control, Quality and Reliability, Decision Theory, Supply Chain and Logistics Management

Academic Titles / Tasks

Assistant Professor, Ankara Yıldırım Beyazıt University, Mühendislik ve Doğa Bilimleri Fakültesi, Endüstri Mühendisliği, 2016 - Continues

Research Assistant, Ankara Yıldırım Beyazıt University, Mühendislik Ve Doğa Bilimleri Fakültesi, Endüstri Mühendisliği, 2012 - 2016

Academic and Administrative Experience

Ankara Yıldırım Beyazıt Üniversitesi, Fen Bilimleri Enstitüsü, 2018 - Continues

Ankara Yıldırım Beyazıt Üniversitesi, Mühendislik ve Doğa Bilimleri Fakültesi, Endüstri Mühendisliği Bölümü, 2017 - Continues

Ankara Yıldırım Beyazıt Üniversitesi, Mühendislik ve Doğa Bilimleri Fakültesi, Endüstri Mühendisliği Bölümü, 2016 -



Continues

Courses

Technology and Innovation Management, Undergraduate, 2020 - 2021
Advanced Supply Chain Management, Doctorate, 2019 - 2020
Advanced Operations and Supply Chain Management , Postgraduate, 2016 - 2017
Tedarik Zinciri Yönetimi, Postgraduate, 2016 - 2017
Sağlık Güvenlik ve Etik, Postgraduate, 2016 - 2017
Araştırma Yöntemleri, Postgraduate, 2016 - 2017
Operations Management, Postgraduate, 2016 - 2017
Entrepreneurship, Undergraduate, 2016 - 2017
Principle of Occupational Health and Safety, Undergraduate, 2016 - 2017
Contemporary Engineering Economics , Undergraduate, 2016 - 2017

Advising Theses

Yıldızbaşı A., HABER YAYINCILIĞINDA ÇALIŞANLARIN İŞ SAĞLIĞI VE GÜVENLİĞİ BAĞLAMINDA BULANIK ÇOK ÖLÇÜTLÜ KARAR VERME YÖNTEMLERİYLE DEĞERLENDİRİLMESİ, Postgraduate, R.ORUÇ(Student), 2020
Yıldızbaşı A., Evaluation of multi-objective closed loop supply chain network integrated with blockchain for used lubrication oils obtained from vehicles in military forces by the linear programming, Postgraduate, M.BURAK(Student), 2019
Yıldızbaşı A., Tarım işlerinin kazaya sebep olan etmenler bağlamında bulanık ahs ve bulanık topsis yöntemleri ile karşılaştırılması: Bir örnek uygulama, Postgraduate, M.ÖZSARI(Student), 2019
Yıldızbaşı A., BİR ÜNİVERSİTE HASTANESİNDE İŞ KAZALARININ İNCELENMESİ VE BULANIK TOPSIS YÖNTEMİ İLE ALINACAK ÖNLEMLERİN SIRALANDIRILMASI, Postgraduate, M.IRMAK(Student), 2019
Yıldızbaşı A., İnşaat sektöründe iş kazalarına neden olan faktörlerin çok kriterli karar verme yöntemleriyle değerlendirilmesi, Postgraduate, S.GÜLDEN(Student), 2019
Yıldızbaşı A., A MIXED INTEGER GOAL PROGRAMING APROACH FOR HUMANITARIAN RELIEF LOGISTICS BASED ON BLOCK-CHAIN TECHNOLOGY: A TURKEY CASE, Postgraduate, M.NUR(Student), 2019
Yıldızbaşı A., Sağlık bakım hizmetleri personelinin meslek hastalıkları ve iş kazalarına karşı bilinç düzeyleri: Ankara'da Eğitim ve Araştırma Hastanesi örnekleri, Postgraduate, S.CEM(Student), 2018
Yıldızbaşı A., Öğretim üyelerinde tükenmişlik sendromuna sebep olan etmenlere ilişkin bulanık AHS ve bulanık AHS-bulanık TOPSIS hibrit model uygulaması, Postgraduate, B.KÜÇÜKALİ(Student), 2018

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

- I. **Blockchain and renewable energy: Integration challenges in circular economy era**
YILDIZBAŞI A.
Renewable Energy, vol.176, pp.183-197, 2021 (Journal Indexed in SCI Expanded)
- II. **A novel hybrid network optimization model for printed circuit boards recycling: a circular economy perspective**
YILDIZBAŞI A., ARIÖZ Y.
Clean Technologies and Environmental Policy, 2021 (Journal Indexed in SCI Expanded)
- III. **Green supplier selection in new era for sustainability: A novel method for integrating big data analytics and a hybrid fuzzy multi-criteria decision making**
YILDIZBAŞI A., ARIÖZ Y.
Soft Computing, 2021 (Journal Indexed in SCI Expanded)

- IV. **PEM fuel cells model parameter identification based on a new improved fluid search optimization algorithm**
Cao Y., Kou X., Wu Y., Jermittiparsert K., YILDIZBAŞI A.
Energy Reports, vol.6, pp.813-823, 2020 (Journal Indexed in SCI Expanded)
- V. **Developed Coyote Optimization Algorithm and its application to optimal parameters estimation of PEMFC model**
Yuan Z., Wang W., Wang H., YILDIZBAŞI A.
Energy Reports, vol.6, pp.1106-1117, 2020 (Journal Indexed in SCI Expanded)
- VI. **Optimal estimation of the Proton Exchange Membrane Fuel Cell model parameters based on extended version of Crow Search Algorithm**
Lu X., Kanghong D., Guo L., Wang P., YILDIZBAŞI A.
Journal of Cleaner Production, vol.272, 2020 (Journal Indexed in SCI Expanded)
- VII. **A new methodology for optimal location and sizing of battery energy storage system in distribution networks for loss reduction**
Yuan Z., Wang W., Wang H., YILDIZBAŞI A.
Journal of Energy Storage, vol.29, 2020 (Journal Indexed in SCI Expanded)
- VIII. **Allocation and sizing of battery energy storage system for primary frequency control based on bio-inspired methods: A case study**
Yuan Z., Wang W., Wang H., YILDIZBAŞI A.
International Journal of Hydrogen Energy, 2020 (Journal Indexed in SCI Expanded)
- IX. **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)
- X. **A new method for optimal parameters identification of a PEMFC using an improved version of Monarch Butterfly Optimization Algorithm**
Bao S., Ebadi A., Toughani M., Dalle J., Maseleno A., Baharuddin B., YILDIZBAŞI A.
International Journal of Hydrogen Energy, 2020 (Journal Indexed in SCI Expanded)
- XI. **Assessing the social sustainable supply chain indicators using an integrated fuzzy multi-criteria decision-making methods: a case study of Turkey**
YILDIZBAŞI A., ÖZTÜRK C., EFENDİOĞLU D., BULKAN S.
Environment, Development and Sustainability, 2020 (Journal Indexed in SCI Expanded)
- XII. **Barriers to implementation of blockchain into supply chain management using an integrated multi-criteria decision-making method: a numerical example**
ÖZTÜRK C., YILDIZBAŞI A.
Soft Computing, 2020 (Journal Indexed in SCI Expanded)
- XIII. **Intuitionistic Fuzzy TOPSIS method for green supplier selection problem**
Rouyendegh B., YILDIZBAŞI A., Üstünyer P.
Soft Computing, 2019 (Journal Indexed in SCI Expanded)
- XIV. **Multi-criteria decision making approach for evaluation of the performance of computer programming languages in higher education**
Yildizbasi A., Rouyendegh B.
Computer Applications in Engineering Education, vol.26, no.6, pp.1992-2001, 2018 (Journal Indexed in SCI Expanded)
- XV. **Multi-level optimization of an automotive closed-loop supply chain network with interactive fuzzy programming approaches**
YILDIZBAŞI A., Calik A., PAKSOY T., Zanjirani Farahani R., Weber G.
Technological and Economic Development of Economy, vol.24, no.3, pp.1004-1028, 2018 (Journal Indexed in SCI Expanded)
- XVI. **A Decentralized Model for Allied Closed-Loop Supply Chains: Comparative Analysis of Interactive Fuzzy Programming Approaches**

Articles Published in Other Journals

- I. **Performance evaluation of municipal services with fuzzy multi-criteria decision making approaches: a case study from Turkey**
Ozdogan S., YILDIZBAŞI A., ERDEBİLLİ B.
SN Applied Sciences, vol.2, no.6, 2020 (Refereed Journals of Other Institutions)
- II. **AN ANALYSIS ON SOME FEATURES OF CLIMATE FRIENDLY AND CLIMATE RESILIENT CITIES**
YILDIRIM ÖZCAN K., YILDIZBAŞI A.
Verimlilik Dergisi, vol.2020, no.2, pp.207-229, 2020 (Other Refereed National Journals)
- III. **Performance evaluation of SMEs towards Industry 4.0 using fuzzy group decision making methods**
YILDIZBAŞI A., Unlu V.
SN APPLIED SCIENCES, vol.2, no.3, 2020 (Refereed Journals of Other Institutions)
- IV. **OTOMOTİV TEDARİK ZİNCİRİNDE BLOKZİNCİR TEKNOLOJİSİ UYGULAMALARINA İLİŞKİN BİR DEĞERLENDİRME**
Güneşli İ., Yıldızbaşı A., Eraslan E.
Endüstri Mühendisliği, vol.31, no.1, pp.48-56, 2020 (Other Refereed National Journals)
- V. **A new technique for optimising of a PEMFC based CCHP system**
Chen S., Wang F., YILDIZBAŞI A.
International Journal of Ambient Energy, 2020 (Journal Indexed in ESCI)
- VI. **Optimal Siting and Sizing of Battery Energy Storage System for Distribution Loss Reduction Based on Meta-heuristics**
Bai K., YILDIZBAŞI A.
Journal of Control, Automation and Electrical Systems, 2020 (Refereed Journals of Other Institutions)
- VII. **EVALUATION OF CONSTRUCTION COMPANIES WITH THE FUZZY GROUP DECISION MAKING APPROACH IN OSH CONTEXT**
Özcan S. G. , YILDIZBAŞI A., ERASLAN E.
Endüstri Mühendisliği, vol.30, no.3, pp.204-219, 2019 (Refereed Journals of Other Institutions)
- VIII. **Tarımsal Gıda Tedarik Zincirinde Blokzincir Tasarımı: Türkiye’de Hal Yasası Örneği**
YILDIZBAŞI A., ÜSTÜNYER P.
Bartın Orman Fakültesi Dergisi, vol.21, no.2, pp.458-465, 2019 (Refereed Journals of Other Institutions)
- IX. **A SYSTEMATIC APPROACH FOR HEALTH WORKFORCE MANAGEMENT IN TURKEY**
Ozturk C., Efendioglu D., Yildizbasi A.
IIOAB JOURNAL, vol.9, no.6, pp.12-20, 2018 (Journal Indexed in ESCI)
- X. **Fuzzy AHP Approach to Prioritizing the Critical Success Factors of Organizational Culture**
Caglayan N., Yildizbasi A., Rouyendegh (Babek Erdebilli) B. D.
INTERNATIONAL JOURNAL OF ORGANIZATIONAL LEADERSHIP, vol.7, no.4, pp.454-466, 2018 (Journal Indexed in ESCI)
- XI. **Using Intuitionistic Fuzzy TOPSIS in Site Selection of Wind Power Plants in Turkey**
Rouyendegh (B. Erdebilli) B., Yildizbasi A., Arıkan U. Z. B.
Advances in Fuzzy Systems, vol.2018, 2018 (Journal Indexed in ESCI)
- XII. **İş Sağlığı ve Güvenliği Yönetim Sistemi Performans Göstergelerinin AHS ile Değerlendirilmesi**
EDİZ A., YILDIZBAŞI A., BAYTEMUR E.
The Journal of Academic Social Science Studies, vol.9, pp.275-294, 2017 (Refereed Journals of Other Institutions)
- XIII. **Teacher In-service Training Strategies for the Application of Technology in Education, a Comparison Finland-Turkey**
BİLİCİ A., YILDIZBAŞI A.
International Journal of Human Sciences, no.10, pp.67-75, 2013 (Refereed Journals of Other Institutions)

Books & Book Chapters

- I. **MACBETH Yöntemi ile Sürdürülebilir Enerji Alternatifi Seçimi**
YILDIZBAŞI A., ÖZTÜRK C., ÇALIK A., ERASLAN E.
in: Çok Kriterli Karar Verme Yöntemleri MS Excel Çözümlü Uygulamalar, KABAK MEHMET, ÇINAR YETKİN, Editor, Nobel Yayınevi, Ankara, pp.333-347, 2020
- II. **Risk Management in Lean Green Supply Chain: A Novel Fuzzy Linguistic Risk Assessment Approach**
PAKSOY T., ÇALIK A., YILDIZBAŞI A., HUBER S.
in: Lean and Green Supply Chain Management, Turan Paksoy, Gerhard Wilhem Weber, Sandra Huber, Editor, Springer, pp.75-100, 2018

Refereed Congress / Symposium Publications in Proceedings

- I. **Evaluation of Key Technological Tools in terms of Supply Chain Sustainability in the Digitalization Era with Different Analytic Hierarchy Process Methods**
YILDIZBAŞI A., ÖZTÜRK C., Kumar S. M. , KAZANÇOĞLU Y.
ISAHP2020, United States Of America, 03 December 2020
- II. **Barriers to a Circular Economy: A Case Study on Waste Electrical and Electronic Equipment (WEEE) Recycling in Turkey**
YILDIZBAŞI A.
Online Symposium on Circular Economy and Sustainability, ATİNA, Greece, 1 - 03 July 2020
- III. **Blockchain and Sustainability**
ÖZTÜRK C., YILDIZBAŞI A., ARIÖZ Y.
Online Symposium on Circular Economy and Sustainability, ATİNA, Greece, 01 July 2020
- IV. **Closed-Loop Recycling of Electronic Cards Contributing to Sustainability: A Case Study on a Circular Economy Perspective**
ARIÖZ Y., YILDIZBAŞI A., ÖZTÜRK C.
Online Symposium on Circular Economy and Sustainability, ATİNA, Greece, 01 July 2020
- V. **A Comprehensive Literature Review On Circular Economy In Sustainable Supply Chain Applications**
Ariöz Y., Yıldızbaşı A.
5.Uluslararası Sosyoloji Ve Ekonomi Kongresi, Ankara, Turkey, 15 - 17 May 2020, pp.10
- VI. **Big Data Analythics for Green Supplier Selection Under Sustainable Conditions**
Yıldızbaşı A., Ariöz Y.
11th International Statistics Congress - ISC2019, Muğla, Turkey, 4 - 08 October 2019, pp.768-773
- VII. **Sectoral Distribution Based on Big Data Analyse & Supply Chain Management : Potential Future Research Proposition With Predictive Analyzse**
Ariöz Y., Yıldızbaşı A., Erdebilli B., Paksoy T.
5.International Engineering Sciences Congress - ICES2019 , Ankara, Turkey, 19 September 2019, pp.77
- VIII. **A Preliminary Framework of Blockchain Technology in Supply Chain Systems**
GÜNEŞLİ İ., YILDIZBAŞI A., PAKSOY T.
The 5th International Conference on Engineering Sciences, Ankara, Turkey, 19 - 20 September 2019, vol.1, pp.86-89
- IX. **Sectoral Distribution Based on Big Data Analyse Supply Chain Management: Potential Future Research Proposition with Predictive Analyses**
ARIÖZ Y., YILDIZBAŞI A., ROUYENDEGH B. D. , PAKSOY T.
he 5th International Conference on Engineering Sciences, Ankara, Turkey, 19 - 20 September 2019, vol.1, pp.39-42
- X. **Critical Success Factors in Organizational Culture**
YILDIZBAŞI A., ÇAĞLAYAN N., ERDEBİLLİ B.
12th International Conferences on New Challenges in International NCM Conference: New Challenges in Industrial Engineering and Operations Management, 11 - 12 September 2018

- XI. **A TOPSIS with Intuitionistic Fuzzy Sets and DEA Approach to Evaluate Retail Industry Performance Ability**
ERDEBİLLİ B., YILDIZBAŞI A., ÖZTÜRK M.
DEA40: International Conference of Data Envelopment Analysis, United Kingdom, 16 - 18 April 2018, pp.23-27
- XII. **An Intuitionistic fuzzy TOPSIS and DEA approach to evaluate retail sector performance**
YILDIZBAŞI A., ERDEBİLLİ B., Öztürk M.
DEA40: International Conference on Data Envelopment Analysis, 16 - 18 April 2018
- XIII. **Performance evaluation of green supplier selection problem using DEA intuitionistic fuzzy MCDM method**
YILDIZBAŞI A., ERDEBİLLİ B.
Data Envelopment Analysis International Conference (DEAIC 2018), 13 - 17 July 2018
- XIV. **Kamu Kurum ve Kuruluşlarında İş Sağlığı ve Güvenliği**
YILDIZBAŞI A.
9. Uluslararası İş Sağlığı ve Güvenliği Konferansı, İstanbul, Turkey, 6 - 09 May 2018
- XV. **Evaluation of Municipal Services with Fuzzy Analytic Hierarchy Process for Local Elections**
YILDIZBAŞI A., ERDEBİLLİ B., Özdoğan Ş.
10th International Statistics Congress, Ankara, Turkey, 6 - 08 November 2017, pp.35
- XVI. **Comparison of City Sustainability Performances with a Hybrid Fuzzy Multi-Criteria Decision Making Method: A Case Study of Turkey**
YILDIZBAŞI A., ÇALIK A., PAKSOY T.
International Conference on Operations Research, Berlin, Germany, 6 - 08 September 2017, vol.1, pp.68
- XVII. **A Mixed-Integer Programming Model for Green Location and Transportation in a Closed-Loop Supply Chain**
PAKSOY T., ÇALIK A., YILDIZBAŞI A., KUMPF A.
International Conference on Operations Research, Berlin, Germany, 6 - 08 September 2017, vol.1, pp.53
- XVIII. **An Integrated Approach for Assessment of Green Suppliers with Interval Type-2 Fuzzy Sets**
ÇALIK A., YILDIZBAŞI A., PAKSOY T., KUMPF A.
International Conference on Operations Research, Berlin, Germany, 6 - 08 September 2017, pp.11
- XIX. **OHSAS 18001 YÖNETİM SİSTEMİ SÜRECİNİN AHP İLE ÖNCELİKLENDİRİLMESİ**
EDİZ A., YILDIZBAŞI A.
2. Uluslararası Sosyal Bilimler Sempozyumu, ALANYA, Turkey, 18 - 20 May 2017
- XX. **Eğitimde FATİH projesinin sağlaması öngörülen fayda ve sosyal etkileri**
BİLİCİ A., AKDUR T., YILDIZBAŞI A., GÜNDAY Ö., ÇİÇEK H.
5th International Computer Instructional Technologies Symposium, 22 - 24 September 2011, pp.290-295

Citations

Total Citations (WOS):9

h-index (WOS):2

Scholarships

L.C. Smith College of Engineering and Computer Science Tutıon Waiver (Partial 50%), University, 2008 - 2010

For graduate study abroad, Ministry of Education, 2007 - 2010