

Prof. Hakan TOZAN

Personal Information

Email: htozan@medipol.edu.tr

Web: <https://avesis.medipol.edu.tr/htozan>

International Researcher IDs

ORCID: 0000-0002-0479-6937

ScopusID: 25929669700

Yoksis Researcher ID: 217204

Dissertations

Doctorate, Hybrid fuzzy/grey and anfis approaches to bullwhip effect in supply chains, Marmara University, Fen Bilimleri Enstitüsü, 2009

Research Areas

Industrial Engineering, Optimization Theory and Methods, Simulation, Supply Chain and Logistics Management

Advising Theses

Hakan T., KRONİK KULAK ÇINLAMALARININ (TİNNİTUS) BEYİN BAĞLANTILARI ÜZERİNDEKİ ETKİSİNİN İNCELENMESİ, Doctorate, F.PINAR(Student), 2023

Hakan T., Melis Almula K., Bir akılcı antibiyotik uygulaması ve uygulama sonrası kullanım tahmini, Postgraduate, S.DİKKAYA(Student), 2022

Melis Almula K., Hakan T., Natural language processing analysis of comments about education on twitter during the COVID-19, Postgraduate, L.ÖZGE(Student), 2022

Hakan T., Bulanık ÇKKV tabanlı yeni bir risk analizi (f-SC) uygulaması: Boya sektörü örneği, Doctorate, S.ENES(Student), 2022

Melis Almula K., Hakan T., Public perception towards children's COVID-19 vaccination with natural language processing, Postgraduate, E.DELİCE(Student), 2022

Hakan T., Kevser Banu K., Eritrosit envanter yönetiminde derin pekiştirmeli öğrenme, Postgraduate, A.ARİF(Student), 2022

Hakan T., Melis Almula K., Hasta güvenliği kültürü boyutlarının çok kriterli karar verme yöntemi ile değerlendirilmesi, Postgraduate, M.İŞLER(Student), 2022

Melis Almula K., Hakan T., Fizik tedavi ve rehabilitasyon ünitesinin simülasyon yöntemi ile değerlendirilmesi, Postgraduate, E.AĞDAŞ(Student), 2021

Hakan T., A surface free energy-based characterization of PEG-PLA coating, Postgraduate, B.ÖZLEM(Student), 2021

Hakan T., A data mining approach to predicting patient-based laser machine settings for kidney stone treatment operation, Postgraduate, F.ESER(Student), 2020

Hakan T., Technological forecasting model: A case study in the mobile telecommunication industry, Doctorate, G.KALEM(Student), 2020

Hakan T., Melis Almula K., Türkiye medikal turizmi üzerine bir tahmin çalışması, Postgraduate, D.ŞEN(Student), 2020

Hakan T., İş sağlığı ve güvenliğinde risk değerlendirmesi: Bir tıp araştırmaları laboratuvarı uygulaması, Postgraduate,

A.ALKANAT(Student), 2019

Hakan T., A new multi-objective model for integrated supply chain scheduling problem in flexible job shop environment, Doctorate, Z.CEYLAN(Student), 2018

Hakan T., A new hybrid decision support tool and an application to health technology selection, Postgraduate, İ.KARACAN(Student), 2015

Hakan T., a new genetic algorithm based software development for set and maximal covering location problems and an application, Postgraduate, S.DÖNMEZ(Student), 2014

Hakan T., Maximal covering location of interceptor baywatch vessels, Postgraduate, Ü.TANER(Student), 2013

Hakan T., Fuzzy approaches to lot-sizing methods and a crisp/fuzzy lot-sizing software tool, Postgraduate, E.OLCAYTU(Student), 2013

Hakan T., A new c sharp based hybrid decision support software and an application to cutting technology selection, Postgraduate, T.TEMUÇİN(Student), 2012

Hakan T., A fuzzy hybrid decision support software development for multi-criteria decision making problems and an application to abrasive water jet, Postgraduate, L.YANAR(Student), 2011

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A Review on Machine Learning Applications: CVI Risk Assessment**
Birlik A. B., TOZAN H., KÖSE K. B.
Tehnicki Vjesnik, vol.31, no.4, pp.1422-1430, 2024 (SCI-Expanded)
- II. **A novel fuzzy framework for technology selection of sustainable wastewater treatment plants based on TODIM methodology in developing urban areas**
Eseoglu G., Yapsakli K., TOZAN H., Vayvay O.
Scientific Reports, vol.12, no.1, 2022 (SCI-Expanded)
- III. **Online routing and searching on graphs with blocked edges**
Shiri D., TOZAN H.
Journal of Combinatorial Optimization, vol.44, no.2, pp.1039-1059, 2022 (SCI-Expanded)
- IV. **Experimental Measurement of a UAV Propeller's Thrust**
Kósa P., Kišev M., Vacho L., Tóth L., Olejár M., Harničárová M., Valíček J., TOZAN H.
Tehnicki Vjesnik, vol.29, no.1, pp.73-80, 2022 (SCI-Expanded)
- V. **A MULTI-CRITERIA DECISION-MAKING APPROACH FOR GREENOVATIVE SUPPLIER SELECTION**
Büyükselçuk E. Ç., TOZAN H., Vayvay Ö.
International Journal of Industrial Engineering : Theory Applications and Practice, vol.29, no.2, pp.283-301, 2022 (SCI-Expanded)
- VI. **An Integrated Framework for Non-Traditional Machining Process Technology Selection in Healthcare Applications**
Delice E., TOZAN H., KARADAYI M. A., Harnicarova M., Turan B.
Tehnicki Vjesnik, vol.29, no.6, pp.2137-2146, 2022 (SCI-Expanded)
- VII. **Application of a novel hybrid f-sc risk analysis method in the paint industry**
Hacibektasoglu S. E., MERTOĞLU B., TOZAN H.
Sustainability (Switzerland), vol.13, no.24, 2021 (SCI-Expanded)
- VIII. **A coordinated scheduling problem for the supply chain in a flexible job shop machine environment**
Ceylan Z., TOZAN H., BULKAN S.
Operational Research, vol.21, no.2, pp.875-900, 2021 (SCI-Expanded)
- IX. **Technology Forecasting in the Mobile Telecommunication Industry: A Case Study Towards the 5G Era**
Kalem G., Vayvay O., SENNAROĞLU B., TOZAN H.
EMJ - Engineering Management Journal, vol.33, no.1, pp.15-29, 2021 (SCI-Expanded)
- X. **Mathematical modelling of sound transmission loss performances of different coloured surfaces coated with polyurethane-based paint**

Ergin Esen H., Yagimli M., TOZAN H., Yalcin G., Arca E.

Transactions of the Institute of Metal Finishing, vol.98, no.5, pp.271-276, 2020 (SCI-Expanded)

- XI. **Potential Criteria for Frameworks to Support the Evaluation of Innovative Medicines in Upper Middle-Income Countries—A Systematic Literature Review on Value Frameworks and Multi-Criteria Decision Analyses**
Jakab I., Németh B., Elezbawy B., KARADAYI M. A., TOZAN H., AYDIN S., Shen J., Kaló Z.
Frontiers in Pharmacology, vol.11, 2020 (SCI-Expanded)
- XII. **A new decision model approach for health technology assessment and a case study for dialysis alternatives in Turkey**
Öztürk N., TOZAN H., Vayvay Ö.
International Journal of Environmental Research and Public Health, vol.17, no.10, 2020 (SCI-Expanded)
- XIII. **Application of cardio-forecasting for evaluation of human—operator performance**
Panda A., Nahorny V., Valíček J., Harničárová M., Pandová I., Borzan C., Cehelský S., Androvič L., TOZAN H., Kušnerová M.
International Journal of Environmental Research and Public Health, vol.17, no.1, 2020 (SCI-Expanded)
- XIV. **Prioritization of medical errors in patient safety management: Framework using interval-valued intuitionistic fuzzy sets**
KALENDER Z. T., TOZAN H., Vayvay O.
Healthcare (Switzerland), vol.8, no.3, 2020 (SCI-Expanded)
- XV. **Identification of dynamics of movement of the differential mobile robotic platform controlled by fuzzy controller**
Vacho L., Olejár M., Hrubý D., Cviklovič V., Valíček J., Palková Z., Harničárová M., TOZAN H.
Tehnicki Vjesnik, vol.26, no.6, pp.1642-1649, 2019 (SCI-Expanded)
- XVI. **Acoustic chamber length performance analysis in ultrasonic pulsating water jet erosion of ductile material**
Nag A., Hloch S., Čuha D., Dixit A. R., TOZAN H., Petrů J., Hromasová M., Müller M.
Journal of Manufacturing Processes, vol.47, pp.347-356, 2019 (SCI-Expanded)
- XVII. **Reducing demand signal variability via a quantitative fuzzy grey regression approach**
TOZAN H., Karatas M., Vayvay O.
Tehnicki Vjesnik, vol.25, pp.411-419, 2018 (SCI-Expanded)
- XVIII. **An integrated multi-criteria decision making methodology for health technology assessment**
Karatas M., Karacan I., TOZAN H.
European Journal of Industrial Engineering, vol.12, no.4, pp.504-534, 2018 (SCI-Expanded)
- XIX. **A multi-criteria assessment of the p-median, maximal coverage and p-center location models**
Višekriterijska procjena modela lokacije p-srednje, maksimalne pokrivenosti i p-centralno
Karatas M., Razi N., TOZAN H.
Tehnicki Vjesnik, vol.24, pp.399-407, 2017 (SCI-Expanded)

Articles Published in Other Journals

- I. **Investigation of the Network Made with the Complementary Motor of the Thalamus with the DTI Method in Individuals with Tinnitus**
Elpen Karyemez P., Yağimli M., TOZAN H.
Eurasian Journal of Medicine and Oncology, vol.8, no.2, pp.141-151, 2024 (ESCI)
- II. **AN INTEGRATED PERFORMANCE MEASUREMENT FRAMEWORK FOR RESTAURANT CHAINS: A CASE STUDY IN ISTANBUL**
Pınarbaşı A., Aydın U., Karadayı M. A., TOZAN H.
Endüstri Mühendisliği, vol.33, no.3, pp.484-499, 2022 (Peer-Reviewed Journal)
- III. **Sağlık Hizmetlerinde Performans Değerlendirmede Kullanılan Araç ve Yöntemler**
DELİCE E., KARADAYI M. A., TOZAN H.

- Düzce Üniversitesi Bilim ve Teknoloji Dergisi, vol.10, no.3, pp.1543-1566, 2022 (Peer-Reviewed Journal)
- IV. **Nontraditional Machining Process In Healthcare Applications**
DELİCE E., TURAN B., Himtaş A., TOZAN H., KARADAYI M. A.
Journal of Health Systems and Policies, vol.3, no.1, pp.20-40, 2021 (Peer-Reviewed Journal)
- V. **A Review on Multi-Criteria Decision Making Approaches to Health Technology Assessment**
KARADAYI M. A., YILMAZ B. Ö., EROL B. E., TOZAN H.
Düzce Üniversitesi Bilim ve Teknoloji Dergisi, vol.8, no.1, pp.264-289, 2020 (Peer-Reviewed Journal)
- VI. **Multi-Criteria Decision Making (MCDM) Applications in Military Healthcare Field**
YILMAZ B. Ö., TOZAN H., KARADAYI M. A.
Journal of Health Systems and Policies, vol.2, no.2, pp.149-181, 2020 (Peer-Reviewed Journal)
- VII. **The Perceived Service Quality on Patient: Evidence from University Hospital**
DÜZCÜ T., YILDIRIM O., ZÜLFİKAR H., YILMAZ ALARÇİN E., TOZAN H.
Journal of Health Systems and Policies, vol.1, no.3, pp.90-100, 2019 (Peer-Reviewed Journal)
- VIII. **INTEGRATED SUPPLY CHAIN SCHEDULING MODELS: A LITERATURE REVIEW**
CEYLAN Z., BULKAN S., TOZAN H.
Mühendislik Bilimleri ve Tasarım Dergisi, vol.7, no.1, pp.182-195, 2019 (Peer-Reviewed Journal)
- IX. **Sağlıkta Güncel Simülasyon Yaklaşımları: Bir Derleme Çalışması**
GÖKMEN Y. G., KASAP L. G., TOZAN H., KARADAYI M. A.
International journal of advances in engineering and pure sciences (Online), vol.31, no.1, pp.1-16, 2019 (Peer-Reviewed Journal)
- X. **Tek ve Çok Dönemli Envanter Kontrol Modelleri**
CEYLAN Z., BULKAN S., TOZAN H.
Mühendislik Bilimleri ve Tasarım Dergisi, vol.5, no.2, pp.441-455, 2017 (Peer-Reviewed Journal)
- XI. **Scenario-based Cycle Time Comparison of Cellular Transport Systems with Conventional Warehouse Systems**
KARAKAYA E., TOZAN H., KARATAŞ M., Bartolacci M.
Global Journal of Researches in Engineering: G Industrial Engineering, vol.2, no.17, pp.1-8, 2017 (Peer-Reviewed Journal)
- XII. **Multi Criteria Decision Methods in Health Technology Assessment A Brief Literature Review**
karacan I., TOZAN H., KARATAŞ M.
Eurasian Journal of Health Technology Assessment, vol.1, no.1, pp.12-19, 2016 (Peer-Reviewed Journal)
- XIII. **A Model for Check-Up Processes In Health Care Systems Using Genetic Algorithms**
EROL BİNGÜLER A. H., TOZAN H., BULKAN S.
HEALTH TECHNOLOGY ASSESSMENT, vol.1, no.1, pp.1-11, 2016 (Peer-Reviewed Journal)
- XIV. **A Comparison of p median and Maximal Coverage Location Models with Q coverage Requirement**
KARATAŞ M., razi n., TOZAN H.
PROCEDIA ENGINEERING, vol.149, pp.169-176, 2016 (Scopus)
- XV. **Comprehensive Needs Analysis For Health Technology Assessment Studies and Improvement Proposal**
Öztürk N., TOZAN H., VAYVAY Ö.
Eurasian Journal of Health Technology Assessment, vol.1, no.1, pp.69-76, 2016 (Peer-Reviewed Journal)
- XVI. **A Fuzzy Prediction Based Trajectory Estimation**
TOZAN H., YAĞIMLI M.
WSEAS TRANSACTIONS ON SYSTEMS, vol.9, no.8, pp.885-894, 2010 (Scopus)
- XVII. **A hybrid Grey ANFIS approach to bullwhip effect in supply chain networks**
TOZAN H., VAYVAY Ö.
WSEAS Transactions on Systems, vol.8, no.4, pp.461-470, 2009 (Scopus)
- XVIII. **Fuzzy forecasting applications on supply chains**
TOZAN H., VAYVAY Ö.
WSEAS TRANSACTIONS ON SYSTEMS, vol.5, no.7, pp.600-609, 2008 (Scopus)

Books & Book Chapters

- I. **İş Sağlığı ve Güvenliği Temel Eğitimi**
YAĞIMLI M., TOZAN H.
Beta Yayınevi, İstanbul, 2022
- II. **Fizik Tedavi ve Rehabilitasyon Ünitesinin Simülasyon Yöntemi ile Değerlendirilmesi**
Ağdaş E., KARADAYI M. A., TOZAN H.
in: Akıllı Dönüşüme Yolculuk, , Editor, Artikel Akademi, İstanbul, pp.944-963, 2022
- III. **An MCDM-Based Health Technology Assessment (HTA) Study for Evaluating Kidney Stone Treatment Alternatives**
EROL B. E., YILMAZ B. Ö., KARADAYI M. A., TOZAN H.
in: Multiple Criteria Decision Making: Beyond the Information Age, Topcu Y.I., Özaydın Ö., Kabak Ö., Önsel Ekici Ş., Editor, Springer, Cham, pp.99-130, 2021
- IV. **Elektrikle Çalışmalarda İş Sağlığı ve Güvenliği**
YAĞIMLI M., TOZAN H.
Beta, İstanbul, 2020
- V. **Operations Research for Military Organizations**
TOZAN H., KARATAŞ M.
IGI GLOBAL, 2019
- VI. **Fuzzy MCDM Framework for Weapon Systems Selection**
KARADAYI M. A., EKİNCİ Y., TOZAN H.
in: Operations Research for Military Organizations, , Editor, IGI GLOBAL, pp.185-204, 2019
- VII. **A Polyurethane/Carbon Black Composite Absorber for Low Frequency Waves**
YAĞIMLI M., TOZAN H., ERGİN H., ARCA E.
in: Advances in Manufacturing Engineering and Materials, Lecture Notes in Mechanical Engineering, Sergej Hloch, Dagmar Klichová, Grzegorz M. Krolczyk, Somnath Chattopadhyaya, Lucie Ruppenthalová, Editor, Springer, Cham, pp.407-412, 2018
- VIII. **Mechanism of Creating the Topography of an Abrasive Water Jet Cut Surface**
Valicek J., Harnicarova M., Panda A., Hlavaty I., Kusnerova M., TOZAN H., YAĞIMLI M., Vaclavik V.
in: Machining, Joining and Modifications of Advanced Materials, Andreas Öchsner, Holm Altenbach, Editor, Springer Singapore, pp.111-120, 2016
- IX. **Process Capability and Six Sigma Methodology Including Fuzzy and Lean Approaches**
ŞENVAR Ö., TOZAN H.
in: Products and Services from R D to Final Solutions, Igor Fuerstner, Editor, Sciyo, pp.153-178, 2016
- X. **Applications of Contemporary Management Approaches in Supply Chains**
TOZAN H., ERTÜRK A.
IntecOpen, 2015
- XI. **Corporate Social Responsibilities in Supply Chains**
Tekin E. T., ERTÜRK A., TOZAN H.
in: Applications of Contemporary Management Approaches in Supply Chains, Hakan TOZAN, Alper ERTÜRK, Editor, InTech, pp.1-12, 2015
- XII. **Corporate Social Responsibility in Supply Chains**
TEKİN E. K., ERTÜRK A., TOZAN H.
in: Applications of Contemporary Management Approaches in Supply Chains, Tozan, Hakan; Ertürk, Alper, Editor, InTech Open Access Publishers, pp.1-12, 2015
- XIII. **Characterisation of Surface Topography for Abrasive Waterjet Technology and Its Control**
Valicek J., Harnicarova M., Kusnerova M., TOZAN H., YAĞIMLI M., Kiraly A.
Beta, İstanbul, 2014
- XIV. **A hybrid fuzzy approach to bullwhip effect in supply chain networks**
TOZAN H., VAYVAY Ö.
in: Supply Chain Coordination and Management, Pengzhong Li, Editor, InTech, pp.49-72, 2012

Refereed Congress / Symposium Publications in Proceedings

- I. **Kardiyak Cerrahi Risk Tahmininde Makine Öğrenmesi Üzerine Literatür Çalışması**
BİRLİK A. B., TOZAN H., KÖSE K. B.
Yönetim Araştırmaları Mühendislik Uygulamaları Sempozyumu, 11 - 13 May 2023, pp.142-143
- II. **Medikal Turizm Talep Tahmini Üzerine Bir Uygulama**
Polatlı L. Ö., KARADAYI M. A., TOZAN H.
Yönetim Araştırmaları/Mühendislik Uygulamaları Sempozyumu (YONAR/MU) 2023, 11 - 13 May 2023
- III. **ERİTROSİT ENVANTER YÖNETİMİNDE DERİN PEKİŞTİRMELİ ÖĞRENME**
ŞENGİL A. A., KÖSE K. B., TOZAN H.
AkıllıTopluma Geçişte Rekabet Zincirleri temalı YÖNETİM ARAŞTIRMALARI / MÜHENDİSLİK UYGULAMALARI SEMPOZYUMU(YÖNAR), İstanbul, Turkey, 11 May 2023
- IV. **Hasta Güvenliği Kültürü Boyutlarının Çok Kriterli Karar Verme Yöntemi ile Değerlendirilmesi**
İŞLER M., KARADAYI M. A., TOZAN H.
Selçuk 6.Uluslararası Uygulamalı Bilimler Kongresi, Turkey, 16 - 17 July 2022, pp.3-4
- V. **Özel Bir Üniversite Hastanesinde Profilaktik Antibiyotiklerin Enfeksiyon Konsültasyonuna Bağlanması Sonrası Kullanım Oranlarının Tahmin Edilmesi**
DİKKAYA S., KARADAYI M. A., TOZAN H.
ANADOLU 9TH INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, Turkey, 11 - 12 June 2022, pp.65-66
- VI. **Yoğun Bakım Ünitelerinde Bulunan Klinik Alarm Sistemlerinin Risk Değerlendirmesi: Özel Bir Üniversite Hastanesinde Uygulama**
YALÇIN G., KARADAYI M. A., TOZAN H.
2. Uluslararası Lisansüstü Çalışmalar Kongresi (IGSCONG`22), Turkey, 8 - 11 June 2022, pp.662-663
- VII. **A Study on Location Decision Problem of Mobile Vaccination Centers**
Arı A. B., Kara S., KARADAYI M. A., TOZAN H.
The 12th Annual International Conference on Industrial Engineering and Operations Management, Turkey, 7 - 10 March 2022, pp.4691-4692
- VIII. **Boron Doped Biocidal Surface Coating Decision Model**
ARSLAN N., BULDUK Y., SİPAHİOĞLU S., TOZAN H., KARADAYI M. A.
2nd International Symposium of Scientific Research and Innovative Studies (ISSRIS'22), 2 - 05 March 2022
- IX. **Cold Chain Vehicle Routing Decision Support System**
GÖKNAR M., CAVSAK S. N., TOZAN H., KARADAYI M. A.
IMAEC 4th-International Mathematic, Architecture and Engineering Conference, 26 - 27 February 2022
- X. **A Set Covering Model Approach to Forest Fire Fighting**
AKSOY P., ATMACA E., ONMAK Z., KARADAYI M. A., TOZAN H., YAĞIMLI M.
International Current Research Symposium 2022 (ICRS'22), 21 - 22 February 2022
- XI. **Orman Yangını ile Mücadeleye Bir Küme Kapsama Modeli Yaklaşımı**
AKSOY P., ATMACA E., ONMAK Z., KARADAYI M. A., TOZAN H., YAĞIMLI M.
International Current Research Symposium, İstanbul, Turkey, 21 February 2022
- XII. **İş Sağlığı ve Güvenliği Yönetiminde Kaizen Yaklaşımı, Bireysel Yaratıcı Öneri Sistemi Uygulama Örneği**
KÜÇÜK L., YAĞIMLI M., TOZAN H.
Yönetim Araştırmaları / Mühendislik Uygulamaları Sempozyumu, İstanbul, Turkey, 2 - 04 April 2021, pp.391-404
- XIII. **Endüstriyel Tesislerde Çatı Yangınları ve Bir Otomotiv Firması İncelemesi**
ÇUBUKÇU A., YAĞIMLI M., TOZAN H.
Yönetim Araştırmaları / Mühendislik Uygulamaları Sempozyumu, İstanbul, Turkey, 2 - 04 April 2021, pp.596-605
- XIV. **Ayrık Olay Simülasyonu Kullanılarak Özel Bir Diş Hastanesinde Bekleme Sürelerinin Azaltılması ile Sistemin İyileştirilmesi**
BOYAR Z. S., BAY E., YILDIRIM E., ÇOM B., KARADAYI M. A., TOZAN H.
40. Yöneylem Araştırması ve Endüstri Mühendisliği Ulusal Kongresi, 4 - 07 July 2021
- XV. **A New Approach to Measure the Effectiveness of 5S Practices at Workplace: 5-Tei**

ÇUBUKÇU A., YAĞIMLI M., TOZAN H.

ICSTR Paris-International Conference on Science&Technology Research, Paris, France, 22 - 23 April 2021, pp.13

- XVI. **Digitalization of Occupational Health and Safety Trainings with the Effect of Industry 4.0: A Case Study**
KÜÇÜK L., YAĞIMLI M., TOZAN H., SÖNMEZ Ü. Y., GÜLTEKİN B.
2. International Baku Scientific Research Conference, Baku, Azerbaijan, 28 - 30 April 2021, vol.2, pp.229-238
- XVII. **Fizik Tedavi ve Rehabilitasyon Ünitesinin Pandemi Sürecindeki Mevcut Durumunun Simülasyon Yöntemi ile Değerlendirilmesi**
Ağdaş E., TOZAN H., KARADAYI M. A.
Yönetim Araştırmaları/Mühendislik Uygulamaları Sempozyumu, İstanbul, Turkey, 2 - 04 April 2021
- XVIII. **Milli Biyobenzer İlaç Ruhsatlandırma Modeli**
CAM G., CAN E., TOZAN H., KARADAYI M. A.
Yönetim Araştırmaları/Mühendislik Uygulamaları Sempozyumu, İstanbul, Turkey, 2 - 04 April 2021
- XIX. **Diyaliz Merkezleri İçin Değer Bazlı Performans Ölçüm Sistemi**
ONARAN M., BOYRAZ E., KARADAYI M. A., TOZAN H.
Yönetim Araştırmaları/Mühendislik Uygulamaları Sempozyumu, İstanbul, Turkey, 2 - 04 April 2021
- XX. **Pediyatri Kliniğinde Hasta Bekleme Sürelerinin Azaltılmasına Yönelik Bir Simülasyon Çalışması**
ÖZDEMİR Y., ERDOĞAN S., ORAK B., TOZAN H., KARADAYI M. A.
Yönetim Araştırmaları/Mühendislik Uygulamaları Sempozyumu, İstanbul, Turkey, 2 - 04 April 2021
- XXI. **Gezici Aile Sağlık Merkezlerinin Küme Kapsama Modeli Ve Genetik Algoritma Yaklaşımı İle Konumlandırılması**
AKDÖKER T., YILDIRIM S., DALAR J., TOZAN H., KARADAYI M. A.
Yönetim Araştırmaları/Mühendislik Uygulamaları Sempozyumu, İstanbul, Turkey, 2 - 04 April 2021
- XXII. **Olağanüstü Durumlarda Sağlık Yönetimi İçin Bir Karar Destek Sistemi**
AŞIK M., GELİR B. S., KARADAYI M. A., TOZAN H.
Yönetim Araştırmaları/Mühendislik Uygulamaları Sempozyumu, İstanbul, Turkey, 2 - 04 April 2021
- XXIII. **A New Method of Ergonomics Risk Assessment to Analyse Musculo-Skeletal Difficulties in Vehicle Manufacturing Sector: Lean Ergonomics Assessment**
ÇUBUKÇU A., YAĞIMLI M., TOZAN H.
5. International Hippocrates Congress on Medical and Health Sciences, Turkey, 18 - 19 December 2020, pp.468-477
- XXIV. **A Low-Cost Hybrid System of a Zero-Crossing Switch and Leakage Current Relay**
YURTÇU A., YAĞIMLI M., TOZAN H.
9th International Conference on Advanced Technologies, İstanbul, Turkey, 10 August 2020, pp.48-52
- XXV. **Combining Health Technology Assessment (HTA) & Multi-Criteria Decision Making (MCDM) Analysis to Evaluate Kidney Stone Treatment Alternatives**
YILMAZ B. Ö., EROL B. E., KARADAYI M. A., TOZAN H.
The 25th International Conference on Multicriteria Decision Making, İstanbul, Turkey, 16 - 21 June 2019
- XXVI. **Çekirdek Sağlık Teknolojisi Değerlendirmesine Bulanık VIKOR Yaklaşımı ile Litotripsi Üzerine Bir Uygulama**
İŞLER M., KARADAYI M. A., TOZAN H.
39. Yöneylem Araştırması ve Endüstri Mühendisliği Ulusal Kongresi, Ankara, Turkey, 12 - 14 June 2019
- XXVII. **Bir Özel Hastanenin Medikal Gelişiminin Tahminleme Yöntemleri ile İncelenmesi**
ŞEN D., TOZAN H., KARADAYI M. A.
39. Yöneylem Araştırması ve Endüstri Mühendisliği Ulusal Kongresi, Ankara, Turkey, 12 - 14 June 2019
- XXVIII. **Böbrek Taşı Tedavi Yöntemlerinin Sağlık Teknolojisi Değerlendirme Çerçevesinde Çok Kriterli Karar Verme Yöntemleri İle Değerlendirilmesi**
EROL B. E., YILMAZ B. Ö., KARADAYI M. A., TOZAN H.
39. Yöneylem Araştırması ve Endüstri Mühendisliği Ulusal Kongresi, Ankara, Turkey, 12 - 14 June 2019
- XXIX. **Technological Forecasting in Mobile Telecommunication Industry: A Literature Review**
KALEM G., VAYVAY Ö., SENNAROĞLU B., TOZAN H.

ENGINEERING AND TECHNOLOGY MANAGEMENT SUMMIT 2018 (ETMS 2018), Turkey, 4 - 05 October 2018, pp.149-156

- XXX. **A Polyurethane/Carbon Black Composite Absorber for Low Frequency Waves**
YAĞIMLI M., TOZAN H., ERGİN H., ARCA E.
International Conference on Manufacturing Engineering and Materials-ICMEM 2018, Novy Smokovec/Kosice, Slovakia, 18 - 22 June 2018
- XXXI. **Simülasyon Tabanlı Optimizasyon Yöntemi ile Ameliyathane Süreçlerinin İyileştirilmesi**
KASAP L. G., GÖKMEN Y. G., KARADAYI M. A., TOZAN H.
38. Yöneylem Araştırması ve Endüstri Mühendisliği Ulusal Kongresi, Eskişehir, Turkey, 26 - 29 June 2018
- XXXII. **Technological Forecasting in Telecommunication Industry**
KALEM G., VAYVAY Ö., SENNAROĞLU B., TOZAN H.
Global Joint Conference on Industrial Engineering and Its Application Areas (GJCIE 2018), Nevşehir, Turkey, 21 - 22 June 2018, pp.31
- XXXIII. **A New Method for the Measurement of Infrared (IR) Emissivity of Polyurethane/Carbon Black (PU/C) Composite Coatings by IR Modulated Square Wave**
YAĞIMLI M., TOZAN H., ARCA E.
7th International Paint, Paint Raw Materials, Construction Chemicals and Adhesives Raw Materials, Laboratory and Production Equipments, İstanbul, Turkey, 20 - 21 March 2018
- XXXIV. **A new method for the measurment of Infrared (IR) emissivity of Polyurethane/Carbon Black Composite coatingsby IR modulated Square Wave**
ARCA E., TOZAN H., YAĞIMLI M.
7th International paint, Raw material, Constraction Chemicals, İstanbul, Turkey, 20 - 21 March 2018
- XXXV. **Using Simulation to Evaluate the Performance of Facility Location Models in the Presence of Backup Coverage**
KARATAŞ M., TOZAN H., HATİPOĞLU T.
2nd International Congress On Mathematics Statistics and Analytical Methods, İstanbul, Turkey, 2 - 03 March 2018, vol.1, pp.71
- XXXVI. **An Application of Multi-Period Multi-Product Production Planning Model in Automotive Industry**
CEYLAN Z., BULKAN S., TOZAN H.
International Conference on Computational and Statistical Methods in Applied Sciences, Samsun, Turkey, 9 - 11 November 2017, pp.231
- XXXVII. **Comparison of Multi-Objective Decision-Making Methods for Bi-Objective Integrated Supply Chain Network in Automotive Industry**
CEYLAN Z., BULKAN S., TOZAN H.
4th International Conference Computational and Experimental Science and Engineering, Antalya, Turkey, 4 - 08 October 2017
- XXXVIII. **A Fuzzy Hybrid MCDM Approach for Health Technology Assessment**
TOZAN H., KARATAŞ M.
INFORMS Healthcare 2017 Conference, Rotterdam, Netherlands, 26 - 28 July 2017
- XXXIX. **Stokastik Talep ve Hizmet Kapasitesi Altında Tesis Yeri Seçim Problemi Çözümü için Çok Amaçlı Bir Model Önerisi**
dogan k., KARATAŞ M., TOZAN H.
Yöneylem Araştırması ve Endüstri Mühendisliği Kongresi (YAEM), İzmir, Turkey, 13 - 15 July 2016
- XL. **Karayolu Taşımacılığı Sektöründe Çok Kriterli Entegre Karar Verme Sistemi**
KARACAN İ., KARATAŞ M., TOZAN H.
Yöneylem Araştırması ve Endüstri Mühendisliği Kongresi (YAEM), Ankara, Turkey, 9 - 11 September 2015, pp.168
- XLI. **A Hybrid Multi Criteria Decision Making System: Assessment of Road Transport Technologies**
KARACAN İ., KARATAŞ M., TOZAN H.
35th Annual Operations Research and Industrial Engineering National Conference, Ankara, Turkey, 9 - 11 September 2015
- XLII. **Evaluating the Energy Management Performance in Country Scale by Using a Multi Criteria Decision**

Making Methodology

KARACAN I., KARATAŞ M., TOZAN H., SULUKAN E.

Renewable Energy Conference, İstanbul, Turkey, 28 - 30 May 2015, vol.5, pp.134-141

- XLIII. **Comparison of Fuzzy Lot Sizing Methods**
Olçaytu E., TOZAN H.
5th International Scientific and Expert Conference of International TEAM Society (TEAM 2013), 4 - 06 November 2013, pp.47-50
- XLIV. **Determining preventive dentistry service provider using fuzzy AHP ANP and a case study for İstanbul**
Tozan E., TOZAN H.
39th International Conference of the EURO Working Group on Operational Research Applied to Health Services (ORAHS), 7 - 12 July 2013, pp.70
- XLV. **A Target Trajectory Estimation with Double Exponential Smoothing and Fuzzy Time Series**
YAĞIMLI M., TOZAN H., Hloch S.
ICMEM 2012, Prešov, Slovak Republic (2012), 5 - 07 December 2012, pp.187-191
- XLVI. **A fuzzy based decision support model for nontraditional machining process selection**
Tolga T., TOZAN H., Valicek J., Harnicarova M.
ICMEM 2012, Prešov, Slovak Republic, 5 - 07 December 2012, pp.170-175
- XLVII. **Selection of Equipment for Soft Tissue Cuttings Using Fuzzy AHP and Fuzzy ANP with a Proposed Decision Support Software**
Latif Y., TOZAN H., Sergej H.
ICMEM 2012, Prešov, Slovak Republic, 5 - 07 December 2012, pp.192-197
- XLVIII. **Material vibration as a source of information for AWJ control**
Perzel V., Hreha P., Hloch S., Valicek J., TOZAN H., Nemcova J., VINAY S., Chattopadhyaya S.
Water jet 2011: Research, Development, Applications, Ostravice, Czech Republic (2011), 3 - 05 October 2011, pp.213-224
- XLIX. **Trajectory Tracking of a Satellite Communicated Missile with Fuzzy and PID Control**
YAĞIMLI M., ŞİMŞİR U., TOZAN H.
2011 5th International Conference on Recent Advances in Space Technologies (RAST), 9 - 11 June 2011, pp.318-323
- L. **Proposal of discarded munitions flow in its athermal liquidation by waterjet**
Hloch S., Jan V., TOZAN H., YAĞIMLI M.
Water jet 2011: Research, Development, Applications, Ostravice, Czech Republic, 3 - 05 May 2011, pp.110-128
- LI. **Concept of abrasive water jet technology using at orthopedic surgery during total hip replacement**
Sergej H., Jan V., Dagmar M., Drazan K., TOZAN H.
Water jet 2011: Research, Development, Applications, Ostravice, Czech Republic (2011), 3 - 05 May 2011, pp.107-117
- LII. **Fuzzy Time Series Based Trajectory Estimation of a Moving Object**
YAĞIMLI M., TOZAN H.
Recent Advances in Neural Networks, Fuzzy Systems Evolutionary Computing, Iasi, Romania, 13 - 15 June 2010, pp.161-166
- LIII. **A combined grey and ANFIS approach to demand variability in supply chain networks**
TOZAN H., VAYVAY Ö.
Recent Advances in Fuzzy Systems, FS'09, WSEAS, Czech Republic (2009), 23 - 25 March 2009, pp.22-27
- LIV. **The response of bullwhip effect to grey and fuzzy grey GM (1,1) forecasting models**
TOZAN H., VAYVAY Ö.
Computational Intelligence in Decision and Control, World Scientific, Spain (2008), 21 - 24 August 2008, pp.67-72
- LV. **The effects of fuzzy forecasting models on supply chain performance**
TOZAN H., VAYVAY Ö.
Advanced Topics in Fuzzy Systems, FS'08, WSEAS, Bulgaria, 2 - 04 May 2008, pp.107-112
- LVI. **Analyzing demand variability through supply chain using fuzzy regression and grey GM (1,1)**

forecasting models

TOZAN H., VAYVAY Ö.

Information Sciences 2007, World Scientific , USA (2007), 18 June - 24 March 2007, pp.1088-1093