

Prof. Yusuf İlker Topcu

Personal Information

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Biography

Y. İlker Topcu is a Professor of Decision Sciences at Industrial Engineering Department of Istanbul Technical University (ITU). He visited Leeds University Business School from 1998 through 1999 as a visiting researcher and received his Ph.D. degree in Engineering Management from ITU in 2000.

He held visiting professor position at University of Pittsburgh The Joseph M. Katz Graduate School of Business from 2018 through 2019.

He is an executive committee member of International Society of Multiple Criteria Decision Making since 2015.

He was the general chair of the 25th International Conference on Multiple Criteria Decision Making (MCDM 2019) which took place in İstanbul, Turkey from June 16 to June 21, 2019.

His research interests include multiple criteria decision making, decision analysis, and operations research/management science. He has published several journal papers, book chapters, and conference proceedings. He edited a book for Springer entitled "OR Applications in Health Care Management".

Education Information

Doctorate, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği (Dr), Turkey 1995 - 2000

Post Graduate, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği Anabilim Dalı, Turkey 1993 - 1995

Under Graduate, İstanbul Teknik Üniversitesi, İşletme Fakültesi, Endüstri Mühendisliği Bölümü, Turkey 1989 - 1993

Foreign Languages

English

Dissertations

Doctorate, Çok ölçütlü sorun çözümüne yönelik bir bütünleşik karar destek modeli, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği (Dr), 2000

Post Graduate, Ulaştırma yapılarına uygun su geçişlerinin önerilmesinde uzman sistem yaklaşımı, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği Anabilim Dalı, 1995

Research Areas

Industrial Engineering , Optimization Theory and Methods, Decision Theory, Multi Criteria Decision Making, Engineering and Technology

Academic Titles / Tasks

Professor, Istanbul Technical University, İşletme, Endüstri Mühendisliği, 2011 - Continues
Professor, University of Pittsburgh, The Joseph M. Katz Graduate School of Business, 2018 - 2019
Associate Professor, Istanbul Technical University, İşletme, Endüstri Mühendisliği, 2005 - 2011
Assistant Professor, Istanbul Technical University, İşletme, Endüstri Mühendisliği, 2001 - 2005
Lecturer PhD, Istanbul Technical University, İşletme, Endüstri Mühendisliği, 2000 - 2001
Research Assistant, Istanbul Technical University, İşletme, Endüstri Mühendisliği, 1994 - 2000
Researcher, University of Leeds, Business School (LUBS), 1998 - 1999

Academic and Administrative Experience

Fakülte Kurulu Üyesi, Istanbul Technical University, İşletme, Endüstri Mühendisliği, 2014 - 2017
Fakülte Yönetim Kurulu Üyesi, Istanbul Technical University, İşletme, Endüstri Mühendisliği, 2007 - 2011
Erasmus Coordinator, Istanbul Technical University, İşletme, Endüstri Mühendisliği, 2004 - 2008

Courses

ML523 Lojistik Planlama ve TZY, Post Graduate, 2016 - 2017

Advising Theses

Topcu Y. İ. , Atık Su Arıtma Tesislerinin Ünitelerinin Esneklik Potansiyeline Dayalı Tüketim Optimizasyonu, Post Graduate, Y.ERTUĞRUL(Student), 2020
Topcu Y. İ. , Meteorolojik veri kullanılarak elektriksel arıza kestirimi yapılması ve proaktif onarım faaliyetleri için karar destek sistemi geliştirilmesi, Post Graduate, N.UMUT(Student), 2019
Topcu Y. İ. , AHP ve TOPSIS yöntemlerini kullanarak tip 2 diyabet hastalığı için risk puanı hesaplama ve en iyi tedavi seçeneğini belirleme, Post Graduate, S.DİNÇ(Student), 2019
Topcu Y. İ. , Uncapacitated multiple allocation hub location problem under congestion, Doctorate, Ç.ÖZGÜN(Student), 2019
Topcu Y. İ. , A decision model for customer order prioritization and facility layout design, a case study for structural steel production in construction industry, Doctorate, B.NALBANTOĞLU(Student), 2018
Topcu Y. İ. , Tüketicilerin Türkiye'deki kahve zincirlerini tercihlerine yönelik bir karar destek modeli, Post Graduate, G.KADIOĞLU(Student), 2017
Kabak Ö., Topcu Y. İ. , Ticari banka kredilerinin değerlendirilmesine yönelik bir karar destek modeli, Doctorate, S.GÜL(Student), 2017
Burnaz H. Ş. , Topcu Y. İ. , Hızlı Tüketim Ürünleri Sektöründe Analitik Ağ Süreci İle Reklam Mecrası Seçimi, Post Graduate, C.YEŞİLYURT(Student), 2016
Topcu Y. İ. , Yorgunluk risk yönetim sistemi kapsamında Türkiye'deki bir hava yolu şirketinde analitik ağ süreci ile risk değerlendirme yaklaşımı uygulaması, Post Graduate, T.DEMİREL(Student), 2015
Topcu Y. İ. , Analitik ağ süreci ve Promethee teknikleri ile hastane yer seçimi: Trabzon örneği, Post Graduate, G.İMAMOĞLU(Student), 2015
Topcu Y. İ. , Determining appropriate public locations for automated external defibrillator (AED) deployment: A case study in city of Valencia, Post Graduate, T.ESİN(Student), 2015
Kabak Ö., Topcu Y. İ. , Banka Şubeleri için Uygun Yer Seçiminin Belirlenmesi, Doctorate, A.BAŞAR(Student), 2014

- Topcu Y. İ. , Mağaza yeri seçimine yönelik bir karar destek modeli ve bir uygulama, Post Graduate, M.SÜERKAN(Student), 2014
- Topcu Y. İ. , Konut fiyatlarının çok kriterli bir karar destek modeli ile tahmin edilmesi, Post Graduate, S.KAVAS(Student), 2014
- Topcu Y. İ. , Gemi filo yönetiminde operasyonel risk kontrolü için bir karar verme yaklaşımı, Doctorate, K.ÇİÇEK(Student), 2013
- Topcu Y. İ. , Türkiye’de Eğitimli Genç Mobil Telefon Kullanıcılarının Satın Alma Davranışlarına Etki Eden Faktörlerin Belirlenmesi ve Önceliklendirilmesine Yönelik Bir Karar Modeli, Post Graduate, D.KADIOĞLU(Student), 2013
- Topcu Y. İ. , Newly proposed algorithms based on column generation and metaheuristics for flexible job shop scheduling problem, Doctorate, D.ÇINAR(Student), 2013
- Topcu Y. İ. , Online Alışveriş Sitesi Tercihlerinde Etkili Olan Kriterlerin Belirlenmesine ve Önceliklendirilmesine yönelik bir Karar Modeli, Post Graduate, E.CAVLAK(Student), 2012
- Topcu Y. İ. , Turistik Faaliyetlerin Seçimine Yönelik Bir Çok Ölçütlü Karar Destek Modeli, Post Graduate, S.GÜL(Student), 2012
- Topcu Y. İ. , A Multi-Criteria Decision Model for the Evaluation of Emergency Department Performance, Post Graduate, S.TÜZÜN(Student), 2012
- Topcu Y. İ. , İstanbul ulaşım ağının kritik yapılarının önceliklendirilmesi üzerine CBS tabanlı bir karar destek modeli, Doctorate, Ö.ÖZAYDIN(Student), 2012
- Topcu Y. İ. , Harbe hazırlığın yönetimine yönelik bir karar destek sistemi, Doctorate, A.KANDAKOĞLU(Student), 2012
- Topcu Y. İ. , Türkiye’de Elektrik Üretiminde Kullanılacak Yakıt Türlerinin Değerlendirilmesine yönelik bir Karar Modeli, Post Graduate, Ş.TAYŞI(Student), 2012
- Topcu Y. İ. , Increased Enforcement of Foreign Corrupt Practices Act: Use of Artificial Neural Network for the Selection of Sales Intermediaries, Doctorate, O.SARAÇOĞLU(Student), 2011
- Topcu Y. İ. , Yolcuların Havalimanında Geçirdiği Zamanın Etkinliği ile İlgili Faktörlerin Değerlendirilmesi: bir Bulanık Bilişsel Harita Uygulaması, Post Graduate, Ç.KADAIÇI(Student), 2011
- Burnaz H. Ş. , Topcu Y. İ. , Evaluating Product Portfolio Performance for A Manufacturing Company in The Automotive Industry, Post Graduate, F.YILMAZ(Student), 2010
- Topcu Y. İ. , A Decision Support System to Determine the Sport Sponsorship Response, Post Graduate, M.İŞİK(Student), 2010
- Topcu Y. İ. , Binek Otomobillerde CO2 Emisyon Miktarının Azaltılmasına Yönelik Stratejilerin Analitik Ağ Süreci Bazlı Hedef Programlama Modeli ile Değerlendirilmesi, Doctorate, N.AKGERMAN(Student), 2010
- Topcu Y. İ. , Ardışık Karar Verme Modelleri ve bir POMDP Uygulaması, Post Graduate, T.VAROL(Student), 2010
- Topcu Y. İ. , Futbol sektöründe bir karar destek modeli uygulaması, Post Graduate, S.RÜSTEMOĞLU(Student), 2009
- Topcu Y. İ. , Vakıflar için stratejik bir karar modelinin geliştirilmesi, Post Graduate, G.ERMİŞ(Student), 2009
- Topcu Y. İ. , Telekomünikasyon Sektöründe İptal Analizi, Post Graduate, P.KİŞİOĞLU(Student), 2009
- Topcu Y. İ. , An Integrated Decision Support System towards Risk-Based Analytical Modelling of Managerial Processes in Shipping Business, Doctorate, M.ÇELİK(Student), 2009
- Topcu Y. İ. , Zaman Pencereli Araç Rotalama Problemi’nin Genetik Algoritma ile Modellenmesi, Post Graduate, P.DURSUN(Student), 2009
- Topcu Y. İ. , Deciding on RFID Tagging Level of Inventories, Post Graduate, E.KORKMAZ(Student), 2008
- Topcu Y. İ. , Genetik Algoritma ve Bir Uygulama, Post Graduate, A.ALTAY(Student), 2007
- Topcu Y. İ. , An Algebraic Approach to Sensitivity Analysis in Linear Programming, Post Graduate, K.TINÇ(Student), 2007
- Topcu Y. İ. , Comparison of FDI Receiving Capabilities of Turkey and Other EU Countries, Post Graduate, Ö.ŞENER(Student), 2006
- Topcu Y. İ. , Havayolu Çizelge Planlamasına Yönelik Bir Karar Destek Modeli, Post Graduate, Ö.ÖZAYDIN(Student), 2005
- Topcu Y. İ. , Depo Tasarım Sorunu Analizi: Bir Analitik Ağ Süreci Uygulaması, Post Graduate, F.ÖZDEMİR(Student), 2004
- Topcu Y. İ. , Analitik Ağ Süreci ve Bir Uygulama, Post Graduate, B.PAMUKÇU(Student), 2003

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

- I. **A Fuzzy Cognitive Mapping Approach to the Conference Selection Problem**
Kadaifçi Yanmaz Ç., Asan U., Topcu Y. İ.
INTERNATIONAL JOURNAL OF INFORMATION TECHNOLOGY & DECISION MAKING, vol.19, pp.1451-1484, 2020
(Journal Indexed in SCI)
- II. **A decision support system for proactive failure prevention: a case in a leading automotive company**
Unver B., Kabak Ö., Topcu Y. İ., Altinisik A., Cavusoglu O.
JOURNAL OF ENTERPRISE INFORMATION MANAGEMENT, vol.33, no.5, pp.845-880, 2020 (Journal Indexed in SSCI)
- III. **A decision support methodology for increasing the efficiency of the largest border crossing between Europe and Turkey**
Topcu Y. İ., Ulengin F., Kabak Ö., Ekici S. O., Unver B.
RESEARCH IN TRANSPORTATION ECONOMICS, vol.80, 2020 (Journal Indexed in SSCI)
- IV. **A tabu search algorithm for a multi-period bank branch location problem: A case study in a Turkish bank**
Basar A., Kabak Ö., Topcu Y. İ.
SCIENTIA IRANICA, vol.26, no.6, pp.3728-3746, 2019 (Journal Indexed in SCI)
- V. **Assessment of key airline selection indicators in a strategic decision model Passengers' perspective**
Kucukaltan B., Topcu Y. İ.
JOURNAL OF ENTERPRISE INFORMATION MANAGEMENT, vol.32, no.4, pp.646-667, 2019 (Journal Indexed in SSCI)
- VI. **Particle swarm optimization for uncapacitated multiple allocation hub location problem under congestion**
Ozgun-Kibiroglu C., Serarslan M. N., Topcu Y. İ.
EXPERT SYSTEMS WITH APPLICATIONS, vol.119, pp.1-19, 2019 (Journal Indexed in SCI)
- VII. **The evaluation of electricity generation resources: The case of Turkey**
Topcu I., ÜLENGİN F., Kabak Ö., Isik M., Unver B., Ekici S. O.
ENERGY, vol.167, pp.417-427, 2019 (Journal Indexed in SCI)
- VIII. **A multiple criteria credit rating approach utilizing social media data**
Gül S., Kabak Ö., Topcu I.
DATA & KNOWLEDGE ENGINEERING, vol.116, pp.80-99, 2018 (Journal Indexed in SCI)
- IX. **An OWA Operator-Based Cumulative Belief Degrees Approach for Credit Rating**
Gül S., Kabak Ö., Topcu Y. İ.
INTERNATIONAL JOURNAL OF INTELLIGENT SYSTEMS, vol.33, pp.998-1026, 2018 (Journal Indexed in SCI)
- X. **Policy developments for the reduction of climate change impacts by the transportation sector**
ÜLENGİN F., Isik M., Ekici S. O., ÖZAYDIN Ö., Kabak Ö., Topcu Y. İ.
TRANSPORT POLICY, vol.61, pp.36-50, 2018 (Journal Indexed in SSCI)
- XI. **Scheduling the trucload operations in automated warehouses with alternative aisles for pallets**
Cinar D., OLIVEIRA J. A., Topcu Y. İ., Pardalos P. M.
APPLIED SOFT COMPUTING, vol.52, pp.566-574, 2017 (Journal Indexed in SCI)
- XII. **A Decision Support Methodology for Locating Bank Branches: A Case Study in Turkey**
BASAR A., Kabak Ö., Topcu Y. İ.
INTERNATIONAL JOURNAL OF INFORMATION TECHNOLOGY & DECISION MAKING, vol.16, no.1, pp.59-86, 2017
(Journal Indexed in SCI)
- XIII. **Traveler satisfaction in rapid rail systems: The case of Istanbul metro**
Yanik S., Aktas E., Topcu Y. İ.
INTERNATIONAL JOURNAL OF SUSTAINABLE TRANSPORTATION, vol.11, no.9, pp.642-658, 2017 (Journal Indexed in SSCI)
- XIV. **A PRIORITY-BASED GENETIC ALGORITHM FOR A FLEXIBLE JOB SHOP SCHEDULING PROBLEM**
Cinar D., OLIVEIRA J. A., Topcu Y. İ., PARDALOS P. M.
JOURNAL OF INDUSTRIAL AND MANAGEMENT OPTIMIZATION, vol.12, no.4, pp.1391-1415, 2016 (Journal Indexed in SCI)
- XV. **A decision framework proposal for customer order prioritization: A case study for a structural steel company**

- Akyildiz B., KADAIFCI C., Topcu I.
INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS, vol.169, pp.21-30, 2015 (Journal Indexed in SCI)
- XVI. **A decision-making solution to ship flagging out via administrative maritime strategies**
Çelik M., Topcu Y. İ.
MARITIME POLICY & MANAGEMENT, vol.41, no.1, pp.112-127, 2014 (Journal Indexed in SSCI)
- XVII. **ARCHITECTURAL DESIGN QUALITY ASSESSMENT BASED ON ANALYTIC HIERARCHY PROCESS: A CASE STUDY (1)**
HARPUTLUGİL T., Gultekin A. T. , Prins M., Topcu Y. İ.
METU JOURNAL OF THE FACULTY OF ARCHITECTURE, vol.31, no.2, pp.139-161, 2014 (Journal Indexed in AHCI)
- XVIII. **A Decision Model for Improving the Quality of Service at Airport Terminals Using Fuzzy Cognitive Mapping A Case from Turkey**
KADAIFÇI ARICAN Ç., Topcu Y. İ.
Journal of Multiple Valued Logic & Soft Computing, vol.22, no.4, pp.409-422, 2014 (Journal Indexed in SSCI)
- XIX. **An analysis of supply chain related graduate programmes in Europe**
Onar S. C. , Aktas E., Topcu Y. İ. , Doran D.
SUPPLY CHAIN MANAGEMENT-AN INTERNATIONAL JOURNAL, vol.18, no.4, pp.398-412, 2013 (Journal Indexed in SSCI)
- XX. **The Effects of Corporate Ethical Values and Personal Moral Philosophies on Ethical Intentions in Selling Situations: Evidence from Turkish, Thai, and American Businesspeople**
Marta J., Singhapakdi A., LEE D., BURNAZ S., Topcu Y. İ. , Atakan M. G. S. , Ozkaracalar T.
JOURNAL OF BUSINESS ETHICS, vol.106, no.2, pp.229-241, 2012 (Journal Indexed in SSCI)
- XXI. **Applying Bayesian Belief Network approach to customer churn analysis: A case study on the telecom industry of Turkey**
Kisioglu P., Topcu Y. İ.
EXPERT SYSTEMS WITH APPLICATIONS, vol.38, no.6, pp.7151-7157, 2011 (Journal Indexed in SCI)
- XXII. **An Integrated Decision Aid for Identifying and Prioritizing Strategies in Forest Management**
YURDAKUL EROL S., Topcu Y. İ.
Environmental Engineering and Management Journal, vol.10, no.5, pp.683-695, 2011 (Journal Indexed in SSCI)
- XXIII. **Win-win match using a genetic algorithm**
Altay A., KAYAKUTLU G., Topcu Y. İ.
APPLIED MATHEMATICAL MODELLING, vol.34, no.10, pp.2749-2762, 2010 (Journal Indexed in SCI)
- XXIV. **An integrated decision aid extension to material selection problem**
Çiçek K., Çelik M., Topcu Y. İ.
MATERIALS & DESIGN, vol.31, no.9, pp.4398-4402, 2010 (Journal Indexed in SCI)
- XXV. **Small medium manufacturing enterprises in Turkey: An analytic network process framework for prioritizing factors affecting success**
Karpak B., Topcu I.
INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS, vol.125, no.1, pp.60-70, 2010 (Journal Indexed in SCI)
- XXVI. **Modeling Toothpaste Brand Choice An Empirical Comparison of Artificial Neural Networks and Multinomial Probit Model**
KAYA T., AKTAŞ E., Topcu Y. İ. , ÜLENGİN K. B.
International Journal of Computational Intelligence Systems, vol.3, no.5, pp.674-687, 2010 (Journal Indexed in SSCI)
- XXVII. **The relative importance of usability and functionality factors for online auction and shopping web sites**
Çalışır F., Bayraktaroğlu A. E. , GUMUSSOY Ç., Topcu Y. İ. , MUTLU T.
ONLINE INFORMATION REVIEW, vol.34, no.3, pp.420-439, 2010 (Journal Indexed in SCI)
- XXVIII. **An Exploratory Cross-Cultural Analysis of Marketing Ethics: The Case of Turkish, Thai, and American Businesspeople**
Burnaz S., Atakan M. G. S. , Topcu Y. İ. , Singhapakdi A.
JOURNAL OF BUSINESS ETHICS, vol.90, pp.371-382, 2009 (Journal Indexed in SSCI)

- XXIX. **Use of an ANP to prioritize managerial responsibilities of maritime stakeholders in environmental incidents: An oil spill case**
Çelik M., Topcu Y. İ.
TRANSPORTATION RESEARCH PART D-TRANSPORT AND ENVIRONMENT, vol.14, no.7, pp.502-506, 2009 (Journal Indexed in SCI)
- XXX. **Computer-based systematic execution model on human resources management in maritime transportation industry: The case of master selection for embarking on board merchant ships**
Çelik M., ER I. D., Topcu Y. İ.
EXPERT SYSTEMS WITH APPLICATIONS, vol.36, no.2, pp.1048-1060, 2009 (Journal Indexed in SCI)
- XXXI. **Analytical modelling of shipping business processes based on MCDM methods**
Çelik M., Topcu Y. İ.
MARITIME POLICY & MANAGEMENT, vol.36, no.6, pp.469-479, 2009 (Journal Indexed in SSCI)
- XXXII. **A new perspective on the competitiveness of nations**
Önsel Ş., Ülengin F., Ulusoy G., Aktaş E., Kabak Ö., Topcu Y. İ.
Socio-Economic Planning Sciences, vol.42, no.4, pp.221-246, 2008 (Journal Indexed in SCI Expanded)
- XXXIII. **ANP application for evaluating Turkish mobile communication operators**
Tosun O. K., GUNGOR A., Topcu Y. İ.
JOURNAL OF GLOBAL OPTIMIZATION, vol.42, no.2, pp.313-324, 2008 (Journal Indexed in SCI)
- XXXIV. **Efficient shift scheduling in the retail sector through two-stage optimization**
Kabak O., ULENGİN F., AKTAS E., ONSEL S., Topcu Y. İ.
EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, vol.184, no.1, pp.76-90, 2008 (Journal Indexed in SCI)
- XXXV. **An integrated transportation decision support system for transportation policy decisions: The case of Turkey**
Ulengin F., ONSEL S., Topcu Y. İ., AKTAS E., KABAK O.
TRANSPORTATION RESEARCH PART A-POLICY AND PRACTICE, vol.41, no.1, pp.80-97, 2007 (Journal Indexed in SCI)
- XXXVI. **A decision model proposal for construction contractor selection in Turkey**
Topcu Y. İ.
BUILDING AND ENVIRONMENT, vol.39, no.4, pp.469-481, 2004 (Journal Indexed in SCI)
- XXXVII. **Energy for the future: An integrated decision aid for the case of Turkey**
Topcu Y. İ., ULENGİN F.
ENERGY, vol.29, no.1, pp.137-154, 2004 (Journal Indexed in SCI)
- XXXVIII. **An integrated decision aid system for Bosphorus water-crossing problem**
Ulengin F., Topcu Y. İ., SAHİN S.
EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, vol.134, no.1, pp.179-192, 2001 (Journal Indexed in SCI)
- XXXIX. **Cognitive Map KBDSS integration in transportation planning**
ÜLENGİN F., Topcu Y. İ.
JOURNAL OF THE OPERATIONAL RESEARCH SOCIETY, vol.48, no.11, pp.1065-1075, 1997 (Journal Indexed in SSCI)

Articles Published in Other Journals

- I. **Coordinating the ISM Code and OHSAS procedures to improve the occupational health and safety at sea**
Gul S., Kabak Ö., Topcu Y. İ.
JOURNAL OF MULTI-CRITERIA DECISION ANALYSIS, vol.27, pp.286-303, 2020 (Journal Indexed in ESCI)
- II. **Kritik gemi operasyonlarına yönelik risk kontrol esaslı bir karar verme yaklaşımı**
ÇİÇEK K., TOPCU Y. İ.
Journal of ETA Maritime Science, vol.6, no.2, pp.159-177, 2018 (Other Refereed National Journals)
- III. **An AHP based prioritization model for risk evaluation factors in the automotive industry**
Unver B., Isik M., Kabak Ö., Topcu Y. İ.

International Journal of the Analytic Hierarchy Process, vol.10, no.1, pp.83-97, 2018 (Refereed Journals of Other Institutions)

- IV. **A Decision Model for Determining Public Locations Suitable for Automated External Defibrillator (AED) Deployment: A Case Study in City of Valencia**
Ekmekci E., Aragon Beltran P., Rodriguez de Sanabria Gil R., TOPCU Y. İ.
International Journal of the Analytic Hierarchy Process, vol.9, no.2, pp.151-166, 2017 (Refereed Journals of Other Institutions)
- V. **A multi attribute decision support model for the selection of touristic activities**
GÜL S., TOPCU Y. İ.
International Journal of the Analytic Hierarchy Process, vol.7, no.3, pp.560-588, 2015 (Refereed Journals of Other Institutions)
- VI. **Banka Şubeleri için Uygun Yer Seçiminin Belirlenmesine Yönelik Tabu Arama Yaklaşımı Bir Türk Bankası Uygulaması**
BAŞAR A., KABAK Ö., TOPCU Y. İ.
Endüstri Mühendisliği Dergisi, vol.26, no.3, pp.2-22, 2015 (Other Refereed National Journals)
- VII. **Prioritization of Customer Order Selection Factors by utilizing Conjoint Analysis: A Case Study for a Structural Steel Firm**
Nalbantoğlu B., Kadaifçi Ç., Topcu Y. İ. , Ülengin K. B.
International Journal of Social, Human Science and Engineering, vol.8, no.2, pp.146-150, 2014 (Refereed Journals of Other Institutions)
- VIII. **Gemi işletmeciliğinde yönetimsel süreçlerin risk temelli analitik modellenmesi**
ÇELİK M., BİLGİLİ A., TOPCU Y. İ.
, İTÜ Dergisi - Seri D: Mühendislik, pp.43-54, 2011 (Other Refereed National Journals)
- IX. **Have Ethical Perceptions Changed A Comparative Study on the Ethical Perceptions of Turkish Faculty Members**
BURNAZ H. Ş. , M G Serap A., TOPCU Y. İ.
Journal of Academic Ethics, vol.8, pp.137-151, 2010 (Refereed Journals of Other Institutions)
- X. **Assessment of ISPS Code Compliance at Ports Using Cognitive Maps**
Çelik M., Topcu Y. İ.
TransNav International Journal on Marine Navigation and Safety of Sea Transportation, vol.4, no.3, pp.359-362, 2010 (Refereed Journals of Other Institutions)
- XI. **A Multiple Criteria Decision Making Approach for the Evaluation of Retail Location**
BURNAZ H. Ş. , TOPCU Y. İ.
Journal of Multi-Criteria Decision Analysis (JMCA), vol.14, pp.67-76, 2006 (Refereed Journals of Other Institutions)

Books & Book Chapters

- I. **Multiple Criteria Decision Making – Beyond the Information Age**
Topcu Y. İ. (Editor), Özaydın Ö. (Editor), Kabak Ö. (Editor), Önsel Ekici Ş. (Editor)
Springer, London/Berlin , Zug, 2021
- II. **Operations Research Applications in Health Care Management, International Series in Operations Research & Management Science**
Kahraman C. (Editor), Topcu Y. İ. (Editor)
Springer, London/Berlin , Zug, 2018
- III. **A Taxonomy of Operations Research Studies in Healthcare Management.**
TÜZÜN S., TOPCU Y. İ.
in: Operations Research Applications in Health Care Management, KAHRAMAN C., TOPCU YI, Editor, Springer, pp.3-21, 2018
- IV. **A Multi Criteria Decision Analysis Approach to Measure the Effectiveness of Sports Sponsorship**

IŞIK M., ÖZAYDIN Ö., BURNAZ H. Ş., TOPCU Y. İ.

in: Looking Forward Looking Back Drawing on the Past to Shape the Future of Marketing, Campbell C ve Ma J.J. , Editor, Springer, pp.564-573, 2016

V. A Taxonomy for the Flexible Job Shop Scheduling Problem

ÇINAR ÜNAL D., TOPCU Y. İ. , OLIVEIRA J.

in: Optimization Control and Applications in the Information Age, Migdalas A. ve Karakitsiou A. , Editor, Springer, pp.17-37, 2015

VI. Innovation Strategy Evaluation Process Using Fuzzy Cognitive Mapping

SÜRER Ö., ÇEVİK ONAR S., TOPCU Y. İ.

in: Intelligent Techniques in Engineering Management Theory and Applications, Kahraman, C. and Cevik Onar, S., Editor, Springer, pp.107-129, 2015

VII. Location Analysis in Banking: A New Methodology and Application for a Turkish Bank

BAŞAR A., KABAK Ö., TOPCU Y. İ. , BOZKAYA B.

in: Applications of Location Analysis, Eiselt, H.A. ve Marianov, V. , Editor, Springer, pp.25-54, 2015

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