

Prof. Ferhan Çebi

Personal Information

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Education Information

Doctorate, İstanbul Teknik Üniversitesi, İşletme Fakültesi, İşletme Mühendisliği Bölümü, Turkey 1989 - 1997

Dissertations

Doctorate, Bileşim teknolojilerinin rekabet üstünlüğüne yönelik etkileri ve Türk işletmelerinde bir araştırma, İstanbul Teknik Üniversitesi, İşletme Fakültesi, İşletme Mühendisliği Bölümü, 1997

Research Areas

Social Sciences and Humanities, Management, Production Management, Production and Service Systems, Engineering Administration, Technical Sciences, Industrial Engineering , Optimization Theory and Methods, Production Planning and Control, Project Management, Supply Chain and Logistics Management

Academic Titles / Tasks

Professor, İstanbul Teknik Üniversitesi, İşletme Fakültesi, İşletme Mühendisliği Bölümü, 2014 - Continues

Associate Professor, İstanbul Teknik Üniversitesi, İşletme Fakültesi, İşletme Mühendisliği Bölümü, 2007 - 2014

Assistant Professor, İstanbul Teknik Üniversitesi, İşletme Fakültesi, İşletme Mühendisliği Bölümü, 2000 - 2007

Academic and Administrative Experience

İstanbul Teknik Üniversitesi, İşletme Fakültesi, İşletme Mühendisliği Bölümü, 2008 - 2013

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

- I. **Click and sales prediction for OTAs' digital advertisements: Fuzzy clustering based approach**
Tekin A. T. , Çebi F.
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.39, no.5, pp.6619-6627, 2020 (Journal Indexed in SCI)
- II. **An integrated fuzzy approach for classifying slow-moving items**
Otay I., Şentürk E., Çebi F.
JOURNAL OF ENTERPRISE INFORMATION MANAGEMENT, vol.31, no.4, pp.595-611, 2018 (Journal Indexed in SSCI)
- III. **Demand prediction in health sector using fuzzy grey forecasting**
Zor C., Çebi F.
JOURNAL OF ENTERPRISE INFORMATION MANAGEMENT, vol.31, no.6, pp.937-949, 2018 (Journal Indexed in SSCI)
- IV. **A two-stage fuzzy approach for supplier evaluation and order allocation problem with quantity discounts and lead time**

Çebi F., Otay I.

INFORMATION SCIENCES, vol.339, pp.143-157, 2016 (Journal Indexed in SCI)

V. **An Integrated Decision Analytic Framework of Machine Learning with Multi Criteria Decision Making for Multi Attribute Inventory Classification**

Kartal B., Öztekin A., Gunasekaran A., Çebi F.

COMPUTERS & INDUSTRIAL ENGINEERING, vol.101, pp.599-613, 2016 (Journal Indexed in SCI)

VI. **A Two Stage Fuzzy Approach For Supplier Evaluation And Order Allocation Problem with Quantity Discounts Lead Time**

Çebi F., İrem O.

INFORMATION SCIENCES, vol.339, pp.143-157, 2016 (Journal Indexed in SSCI)

Articles Published in Other Journals

I. **Decision-Tree Models for Predicting Time Performance in Software-Intensive Projects**

Sokmen N., Çebi F.

INTERNATIONAL JOURNAL OF INFORMATION TECHNOLOGY PROJECT MANAGEMENT, vol.8, no.2, pp.64-86, 2017 (Journal Indexed in ESCI)

II. **Special Issue on Managing Change in IT Processes by Project Management Preface**

Çebi F., Bolat B., Yıldırım N.

INTERNATIONAL JOURNAL OF INFORMATION TECHNOLOGY PROJECT MANAGEMENT, vol.8, no.2, 2017 (Journal Indexed in ESCI)

III. **Sökmen N . & Cebi F., Decision-tree models for predicting time performance in software-intensive projects**

Sokmen N., Çebi F.

INTERNATIONAL JOURNAL OF INFORMATION TECHNOLOGY PROJECT MANAGEMENT, vol.8, no.2, pp.64-86, 2017 (Journal Indexed in ESCI)

IV. **Long-Termed Investment Planning Model for a Generation Company Operating in both Bilateral Contract and Day-Ahead Markets**

Sivrikaya B. T. , Çebi F.

International Journal of Information and Decision Sciences, vol.8, no.1, pp.24-52, 2016 (Journal Indexed in ESCI)

V. **Multiobjective Fuzzy Mathematical Model for A Supply Chain Problem with Forward and Reverse Flows**

Otay İ., Çebi F.

International Journal of Information and Decision Sciences, vol.8, no.4, pp.341-357, 2016 (Journal Indexed in ESCI)

VI. **Spare Parts Distribution Planning and An Application**

Kaya A., Yildir C., Agiralan I., Çebi F.

EGE ACADEMIC REVIEW, vol.16, pp.21-29, 2016 (Journal Indexed in ESCI)

VII. **An Integrated Approach for Supplier Selection**

Çebi F., Bayraktar D.

Logistics Information Management (formerly, Journal of Enterprise Information Management, vol.16, no.6, pp.395-400, 2003 (Journal Indexed in ESCI)

Books & Book Chapters

I. **Fuzzy MCDM Approach for Make-or-Buy Decision Problem**

Çebi F., Otay İ., Çelebi Gonidis D.

in: Encyclopedia of Business Analytical and Optimization, Wang J., Editor, Igi Global, Hershey, pp.446-465, 2013

II. **Çok Ölçütlü Yap – Satın al Kararlarına Bütünlük Bir Yaklaşım**

Çebi F., Çelebi Gonidis D.

in: Chosen Articles in Marketing, Business Management and Education-dedicated to Selime Sezgin, Uray N., Editor, Beta Basım Yayım Dağıtım, İstanbul, pp.383-401, 2011

III. **Tek ve Çok Ölçütlü ABC Analizleri için Bulanık Model Önerileri**

Çebi F., Kahraman C.

in: Sıtkı Gözülü'ye Armağan, Bayraktar D., Çebi F., Bolat B., Editor, Çağlayan Yayınevi, İstanbul, pp.79-97, 2007

IV. **Veri Zarflama Analizi ve Satış Birimlerinin Etkinliklerinin Ölçülmesi**

Çebi F.

in: Ayhan Toraman'a Armağan, Gözülü S., Bayraktar D., Çebi F., Editor, Savaş Yayınları, İstanbul, pp.253-265, 2000

Refereed Congress / Symposium Publications in Proceedings

- I. **Improvement of Magnetic Resonance Imaging Process in A Training and Research Hospital**
Efe M., Maranki M., ALDEMİR G., ÇEBİ F.
5th International Conference On Advances in Mechanical Engineering, 17 - 19 December 2019
- II. **Integrated Design of a Gym with Decision Making Methods**
Erdoğan S., Ergun C., ALDEMİR G., ÇEBİ F.
Engineering and Technology Management Summit 2019, 9 - 10 October 2019, pp.74-80
- III. **Machine Learning Algorithms to Forecast Population: Turkey Example Turkey,274-282.**
Şahinarslan F., Tekin A., ÇEBİ F.
ETMS, 9 - 11 October 2019
- IV. **A Mathematical Approach to Determining The Number of Trips in Public Transport: İTÜ Maslak Campus Application**
Cevher G., Özkan G., ÇEBİ F.
Engineering and Technology Management Summit 2019, 9 - 11 October 2019
- V. **Network Design of Regulated Sales Points for Raw Vegetables: A Case Study in İstanbul**
Konak Y., Gür M., ALDEMİR G., ÇEBİ F.
Engineering and Technology Management Summit 2019, 9 - 11 October 2019, pp.159-165
- VI. **A Stochastic Approach for Effective Workforce Planning: A Case of a Call Centre in Turkey**
Üstün E., Barıtugan B., KONYALIOĞLU A. K., ÇEBİ F.
ISPR2019, 28 August - 01 September 2019
- VII. **The Effects Of New Era Technologies on Companies: Assessment with An Integrated Approach In Fuzzy Environment**
Alireza K., ÇEBİ F.
10th International Symposium on Intelligent Manufacturing and Service IMSS2019, 1 - 03 September 2019
- VIII. **Click and Sales Prediction for Digital Advertisements: Real World Application for OTAs**
TEKİN A., ÇEBİ F.
INFUS 2019, 15 - 19 July 2019
- IX. **17. International Symposium for Production Research, 2017**
Eldem İ., Çebi F.
17. International Symposium for Production Research, 2017, Viyana, Austria, 13 - 15 September 2017, pp.25-50
- X. **Closed Loop Supply Chain and Reverse Logistics Network Design: an Application in White Goods Industry**
Uçar A., Rehber P., KAYA A., ÇEBİ F.
ISPR 2017, 13 - 15 September 2017
- XI. **An Integrated Approach for Multi-Echelon Inventory Management Problem**
Ordulu E., Reyhanoğlu İ., Kaya A., Çebi F.
Proceedings of the 15th International Logistics and Supply Chain Congress, LMSCM, İstanbul, Turkey, 19 - 20 January 2017
- XII. **Diyabet Hastalığının Tahmininde Sayısal Yaklaşımlar: Yapay Sinir Ağları ve Lojistik Regresyon**
Çebi F., Kaya A., Özen S., Tuğran M.

- Uluslararası Katılımlı 16. Üretim Araştırmaları Sempozyumu, İstanbul, Turkey, 12 - 14 October 2016, pp.740-745
- XIII. **Sağlık Sektöründe Gri Tahminleme Yöntemi ile Talep Tahmini**
Zor C., Çebi F.
Uluslararası Katılımlı 16. Üretim Araştırmaları Sempozyumu, İstanbul, Turkey, 12 - 14 October 2016, pp.1275-1281
- XIV. **Elektrikli ve Elektronik Atık Toplama Merkezi Yer Seçim Problemi İçin Yeni Bir Bütünleşik Model Önerisi: İstanbul Uygulaması**
Çebi F., Ayvaz B., Temur G. T. , Çelebi Gonıdıs D.
Uluslararası Katılımlı 16. Üretim Araştırmaları Sempozyumu, İstanbul, Turkey, 12 - 14 October 2016, pp.186-191
- XV. **Heterogeneous Vehicle Routing Problem with Time Windows Considering Service Priority: A case in LPG Company**
Tektaş B., Kaya A., Bayam E., Çebi F.
5th P&OM World Conference, Proceedings (electronic), Havana, Cuba, 6 - 10 September 2016

Supported Projects

- Çebi F., Project Supported by Higher Education Institutions, Heterogeneous vehicle routing problem with time windows considering service priority: A case in LPG Company, 2016 - 2018
- Çebi F., Project Supported by Higher Education Institutions, DEMAND FORECASTİNG WITH A FUZZY LİNEAR REGRESSION METHODOLOGY: A CASE STUDY AT A MEDİCAL ASSİSTANCE COMPANY, 2015 - 2018
- Çebi F., Project Supported by Higher Education Institutions, bENCHMARKİNG THE OPERATİONAL EXCELLENCE OF DANGEROUS gOODS tRANSPORTERS, 2012 - 2018
- Çebi F., Project Supported by Higher Education Institutions, A MULTİATTRİBUTE ABC CLASSİFİCATİON MODEL USİNG FUZZY AHP(BULANIK AHP İLE .OK ÖLÇÜTLÜ ABC SINIFLANDIRMA MODELİ, 2010 - 2018
- Çebi F., Project Supported by Higher Education Institutions, A Decision Support Model For Location Selciton Bank Branch Case, 2008 - 2018
- Çebi F., Project Supported by Higher Education Institutions, Strategic spplier evaluation and selection based on DEA: A case study in a home textile Company, 2006 - 2018
- Çebi F., Project Supported by Higher Education Institutions, Tedarikçilerle Etkin İlişkiler Oluşturma ve Örgütsel Performans Üzerindeki Etkisi, 2004 - 2018

Activities in Scientific Journals

- International Journal of Information Systems in the Service Sector , Special Issue Editor, 2020 - Continues
- Journal of Enterprise Information management, Special Issue Editor, 2018 - Continues
- International Journal of Data Sciences (IJDS) , Committee Member, 2013 - Continues
- International Journal of Information & Decision Sciences (IJIDS) , Committee Member, 2008 - Continues
- International Journal of Information Systems in the Service Sector (IJISSS) , Committee Member, 2007 - Continues
- International Journal of Operations Research and Information Systems, Special Issue Editor, 2019 - 2019
- International Journal of Business Analytics (IJBAN),, Special Issue Editor, 2019 - 2019
- International Journal of Knowledge-Based Organizations , Special Issue Editor, 2019 - 2019
- JOURNAL OF ENTERPRISE INFORMATION MANAGEMENT, Special Issue Editor, 2018 - 2018
- International Journal of Information Technology Project Management, Special Issue Editor, 2017 - 2017

Memberships / Tasks in Scientific Organizations

- Üretim Araştırmaları derneği, Member, 2007 - Continues

Scientific Refereeing

TUBITAK Project, 3501 - National Young Researcher Career Development Program, Istanbul Technical University, Turkey, August 2020
Scientia Iranica, SCI Journal, February 2017
Expert system with application, SCI Journal, January 2017
International Journal of Production Economics, SCI Journal, January 2017
Journal of Intelligent and Fuzzy Systems, SCI Journal, January 2017
Computers & Industrial Engineering, SCI Journal, January 2017
Structure and Infrastructure Engineering, Other Indexed Journal, January 2016
Multiple-Valued Logic and Soft Computing, SCI Journal, January 2016
International Journal of Information & Decision Sciences (IJIDS) , Other Indexed Journal, January 2016
Journal of Enterprise Information Management, Other Indexed Journal, January 2016
International Journal of Information Systems in the Service Sector (IJISS) , Other Indexed Journal, March 2015
International Journal of Information Technology & Decision Making, Other Indexed Journal, March 2015
International Journal of Applied Management Science , Other Indexed Journal, March 2015
Journal of the Knowledge Economy , Other Indexed Journal, February 2015
Encyclopedia of Business Analytical and Optimization, Scientific / Professional Book Published by Renowned Publishing Houses, May 2014
The Journal of Modern Applied Statistical Methods, Other Indexed Journal, April 2014
International Journal of Business Analytics (IJBAN), Other Indexed Journal, January 2014
Yönetim Bilimleri Dergisi, National Scientific Refreed Journal, January 2013
Project Supported by Higher Education Institutions, February 2012
Project Supported by Higher Education Institutions, April 2009

Edit Congress and Symposium Activities

Yönetim Bilimleri Konferansı, Session Moderator, İstanbul, Turkey, 2016
Uluslararası Katılımlı 16. Üretim Araştırmaları Sempozyumu, 2016, Session Moderator, İstanbul, Turkey, 2016
35th National Operations Research and Industrial Engineering Congress, Invited Speaker, Ankara, Turkey, 2015
I. Uluslararası Katılımlı Proje Yönetimi Konferansı, 2014, Session Moderator, İstanbul, Turkey, 2014

Citations

Total Citations (WOS):77
h-index (WOS):3

Awards

Çebi F., Best Congress Paper Award, International Management Development Association (IMDA), July 1999