

# Prof. Ferhan Çebi

## Personal Information

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## International Researcher IDs

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ScopusID: 25027066100

Yoksis Researcher ID: 5106

## Education Information

Doctorate, Istanbul Technical University, 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, Istanbul Technical University, İşletme, İşletme Mühendisliği, 2014 - Continues

Assistant Professor, Istanbul Technical University, İşletme, İşletme Mühendisliği, 2000 - 2007

## Academic and Administrative Experience

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

## Courses

İşletme Mühendisliği Tasarımı-II, Undergraduate, 2023 - 2024, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008

Operation Management, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021

Matematiksel Programlama, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

Management Engineering Design II, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

Quantitative Decision Techniques, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2002 - 2003

Quantitative Analysis for Business Applications, Postgraduate, 2021 - 2022, 2020 - 2021

Production System Analysis, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2013 - 2014, 2012 - 2013, 2010 - 2011

Special Topics in Management Engineering, Postgraduate, 2020 - 2021

Üretim Yönetimi, Postgraduate, 2020 - 2021

Management Science, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008

İşletme Mühendisliği Tasarımı II, Undergraduate, 2015 - 2016

Production and Operations Management, Postgraduate, 2014 - 2015

Bütünleşik Sistem Tasarımı, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008

Yöneylem Araştırması , Undergraduate, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008

Üretim ve Süreç Yönetimi, Postgraduate, 2011 - 2012, 2010 - 2011, 2009 - 2010

İşlemler Yönetiminde Benzetim, Undergraduate, 2011 - 2012, 2010 - 2011, 2009 - 2010

Yöneylem Araştırması II, Undergraduate, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002, 2000 - 2001

Üretim Planlama ve Kontrol, Undergraduate, 2008 - 2009

Yöneylem Araştırması I, Undergraduate, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002, 2000 - 2001

## Jury Memberships

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, İstanbul Teknik Üniversitesi, February, 2023

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İstanbul Teknik Üniversitesi, February, 2023

Doctoral Examination, Doctoral Examination, İstanbul Teknik Üniversitesi, January, 2023

## Designed Lessons

Çebi F., Uray N., Erçek M., Bütünleşik Sistem Tasarımı, Undergraduate, 2003 - 2004

Çebi F., İşletme Mühendisliği Tasarımı, Undergraduate, 2003 - 2004

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Editorial Technology Management in Digital Transformation Era**  
Çebi F., Gozlu S.  
IEEE Transactions on Engineering Management, vol.70, no.7, pp.2463-2464, 2023 (SCI-Expanded)
- II. **Procedure Model for Industry 4.0 Realization for Operations Improvement of Manufacturing Organizations**  
Bayrak I. T., Çebi F.  
IEEE Transactions on Engineering Management, 2023 (SCI-Expanded)
- III. **A Fuzzy Prescriptive Analytics Approach to Power Generation Capacity Planning**  
Tektas B., Turan H. H., KASAP N., Çebi F., Delen D.  
ENERGIES, vol.15, no.9, 2022 (SCI-Expanded)

- IV. **Customer lifetime value prediction for gaming industry: fuzzy clustering based approach**  
Tekin A. T., Kaya T., Çebi F.  
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.42, no.1, pp.87-96, 2022 (SCI-Expanded)
- V. **Fuzzy grey forecasting model optimized by moth-flame optimization algorithm for short time electricity consumption**  
TANYOLAÇ BİLGİÇ C., BİLGİÇ B., Çebi F.  
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.42, no.1, pp.129-138, 2022 (SCI-Expanded)
- VI. **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 (SCI-Expanded)
- VII. **Location selection for WEEE recycling plant by using Pythagorean fuzzy AHP**  
Kaya A., Çiçekalan B., Cebic F.  
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.38, no.1, pp.1097-1106, 2020 (SCI-Expanded)
- VIII. **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 (SCI-Expanded)
- IX. **A Fuzzy Long Term Investment Planning Model for a GenCo in a Hybrid Electricity Market Considering Climate Change Impacts**  
TEKTAŞ SİVRİKAYA B., Çebi F., Turan H. H., KASAP N., Delen D.  
Information Systems Frontiers, vol.0, 2016 (SCI-Expanded)
- X. **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 (SCI-Expanded)
- XI. **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 (SCI-Expanded)
- XII. **A fuzzy multi-objective model for solving project network problem with bonus and incremental penalty cost**  
Çebi F., Otay I.  
COMPUTERS & INDUSTRIAL ENGINEERING, vol.82, pp.143-150, 2015 (SCI-Expanded)
- XIII. **Multi-Criteria and Multi-Stage Facility Location Selection under Interval Type-2 Fuzzy Environment: A Case Study for a Cement Factory**  
Çebi F., Otay I.  
INTERNATIONAL JOURNAL OF COMPUTATIONAL INTELLIGENCE SYSTEMS, vol.8, no.2, pp.330-344, 2015 (SCI-Expanded)
- XIV. **A Fuzzy Multi Objective Model for Solving Project Network Goal Programming Problem With Bonus and Incremental Penalty Cost**  
Çebi F., İREM O.  
COMPUTERS & INDUSTRIAL ENGINEERING, vol.82, pp.143-150, 2015 (SCI-Expanded)
- XV. **Multi Criteria and Multi Stage Facility Location Selection under Interval Type 2 Fuzzy Environment A Case Study for a Cement Factory I**  
Çebi F., Otay İ.  
International Journal of Computational Intelligence Systems, vol.8, no.2, pp.330-344, 2015 (SCI-Expanded)
- XVI. **A fuzzy integrated approach for project selection**  
Bolat B., Çebi F., TEMUR G. T., OTAY I.  
Journal of Enterprise Information Management, vol.27, no.3, pp.247-260, 2014 (SCI-Expanded)
- XVII. **Single And Multiple Attribute Fuzzy Pareto Models**  
Çebi F.

## Articles Published in Other Journals

- I. **Examination of gym centre design criteria using multi-criteria decision analysis methodologies**  
Ergun C., Erdoğan S. E., Aldemir G., Çebi F.  
INTERNATIONAL JOURNAL OF INFORMATION AND DECISION SCIENCES, vol.14, no.4, pp.345-355, 2022 (Scopus)
- II. **Special Issue on Advanced Prediction and Assessment Techniques Preface**  
Çebi F., Çelebi Gonidis D., Temur G. T.  
INTERNATIONAL JOURNAL OF BUSINESS ANALYTICS, vol.6, no.4, 2019 (ESCI)
- III. **Forecasting Automobile Sales in Turkey with Artificial Neural Networks**  
KAYA A., KAYA G., ÇEBİ F.  
INTERNATIONAL JOURNAL OF BUSINESS ANALYTICS, vol.6, no.4, pp.50-60, 2019 (ESCI)
- IV. **Long-Term 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 (Scopus)
- 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 (Scopus)
- 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 (ESCI)
- VII. **Fuzzy AHP–Goal Programming Approach for a Supplier Selection Problem**  
TEKTAŞ SİVRİKAYA B., Kaya A., Dursun E., Çebi F.  
Research in Logistics & Production, vol.5, no.3, pp.271-285, 2015 (Peer-Reviewed Journal)
- VIII. **An Integrated Fuzzy AHP-Goal Programming Approach For A Supplier Selection Problem: An Application in a Textile Company**  
TEKTAŞ SİVRİKAYA B., KAYA A., Dursun E., ÇEBİ F.  
Research in Logistics Production, vol.5, no.3, pp.271-285, 2015 (Peer-Reviewed Journal)
- IX. **Support Vector Machines for Multi-Attribute ABC Analysis**  
Kartal B., Çebi F.  
International Journal of Machine Learning and Computing (IJMLC), vol.3, no.1, pp.155-157, 2013 (Scopus)
- X. **Benefits of Knowledge Management in Banking**  
Çebi F., Aydın O. F., Gözülü S.  
Journal of Transnational Management Development, vol.15, no.4, pp.308-421, 2010 (Peer-Reviewed Journal)
- XI. **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 (Scopus)
- XII. **Utilization of Information Systems in a Developing Country: The Case of Turkey**  
Çebi F., Gözülü S.  
International Journal of Operations and Quantitative Management, vol.8, no.3, pp.181-189, 2002 (Scopus)
- XIII. **The Strategic Effects of Information Technology on Organizational Performance in a Developing Environment: The Case of Turkey**  
Çebi F., Gözülü S.  
Journal of Transnational Management Development, vol.5, no.4, pp.83-97, 2000 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Opportunities and Challenges of Engineering Applications in the Digital Age**  
Çebi F. (Editor), Deniz Cömert G. (Editor), Tekin A. (Editor), Bolatan G. İ. S. (Editor), Çorum A. (Editor)  
NOBEL, İstanbul, 2023
- II. **Sales Pharmacy Segmentation: RFM Model via KMeans Clustering.**  
Aldoğan N., Tekin A., Çebi F.  
in: Opportunities and Challenges of Engineering Applications in the Digital Age , Ferhan Çebi Gizem Deniz Cömert  
Gülin İdil Sönmeztürk Bolatan Ahmet Tezcan Tekin Adnan Çorum, Editor, Nobel , İstanbul, pp.181-190, 2023
- III. **Defect Detection in Manufacturing via Machine Learning Algorithms,**  
Tekin A., Çebi F., Kaya T.  
in: Encyclopedia of Data Science and Machine Learning , John Wag, Editor, IGI Global yayınevi, Alaska, pp.1841-  
1858, 2023
- IV. **Defect detection in Manufacturing via Machine Learning Algorithms.**  
Şanlıtürk E., Tekin A., Çebi F.  
in: Encyclopedia of Data Science and Machine Learning, John WAng, Editor, IGI Global yayınevi, Alaska, pp.212-225,  
2023
- V. **Sales Forecasting in a Retail Fashion Company Using Machine Learning Methods**  
Halıcı Gönen Ş., ÇEBİ F.  
in: Opportunities and Challenges of Engineering Applications in the Digital Age, Çebi F. et al., Editor, NOBEL  
Akademik Yayıncılık, -, pp.207-222, 2023
- VI. **Sales Pharmacy Segmentation: RFM Model via KMeans Clustering.**  
Aldoğan N., Tekin A. T., ÇEBİ F.  
in: Opportunities and Challenges of Engineering Applications in the Digital Age, Çebi, F. et al., Editor, NOBEL  
Akademik Yayıncılık, -, pp.181-190, 2023
- VII. **A Design of Collecting and Processing System of Used Face Masks and Contaminated Tissues During  
COVID-19 Era in Workplaces**  
Hekimoğlu B., Akça E., KONYALIOĞLU A. K., BELDEK T., ÇEBİ F.  
in: Digitizing Production Systems, Numan Durakbaşa, Güneş Gençyılmaz, Editor, Springer, Cham, pp.53-64, 2022
- VIII. **A Nurse Scheduling Case in a Turkish Hospital**  
YASAN E., ASLAN T. N., Cesur T., KÖSE R. E., KONYALIOĞLU A. K., BELDEK T., ÇEBİ F.  
in: Digitizing Production Systems, Numan Durakbaşa, Güneş Gençyılmaz, Editor, Springer, Cham, pp.467-475, 2022
- IX. **A Raw Milk Production Facility Design Study in Aydın Region, Turkey**  
Erdemir H., Yılmaz M., KONYALIOĞLU A. K., BELDEK T., ÇEBİ F.  
in: Digitizing Production Systems, Numan Durakbaşa, Güneş Gençyılmaz, Editor, Springer, Cham, pp.568-577, 2022
- X. **A Nurse Scheduling Case in a Turkish Hospital**  
Yasan E., Cesur T., Konyaloğlu A. K., Köse R. E., Beldek T., Çebi F.  
in: Digitizing Production Systems: Selected Papers from ISPR2021, Numan Durakbaşa, Güneş Gençyılmaz, Editor,  
Springer Nature, Zürich, pp.467-475, 2021
- XI. **A Raw Milk Production Facility Design Study in Aydın Region, Turkey**  
Erdemir H., Yılmaz M., Konyaloğlu A. K., Beldek T., Çebi F.  
in: Digitizing Production Systems: Selected Papers from ISPR2021, Numan Durakbaşa, Güneş Gençyılmaz, Editor,  
Springer Nature, Zürich, pp.568-577, 2021
- XII. **A Design of Collecting and Processing System of Used Face Masks and Contaminated Tissues During  
COVID-19 Era in Workplaces**  
Akça E., Hekimoğlu B., Konyaloğlu A. K., Beldek T., Çebi F.  
in: Digitizing Production Systems, Numan Durakbaşa, Güneş Gençyılmaz, Editor, Springer Nature, Zürich, pp.53-64,  
2021
- XIII. **Capstone Projects**  
Kayı B., Keçibaş H., KONYALIOĞLU A. K., ÇEBİ F.  
in: Digital Conversion on the Way to Industry 4.0, Durakbaşa Numan, Gençyılmaz Güneş, Editor, Springer Nature,

İstanbul, pp.943-950, 2020

- XIV. **Techno-Parks on the Digital Transformation**  
Atak G., ÇEBİ F.  
in: Enterprise Business Management : A Handbook for Educators, Consultants, and Practitioners, Alptekin Erkollar, Editor, Tectum-Verlag, pp.179-205, 2019
- XV. **Fuzzy MCDM Approach for Make-or-Buy Decision Problem**  
ÇEBİ F., OTAY İ., ÇELEBİ D.  
in: Encyclopedia of Business Analytical and Optimization, Wang, John, Editor, IGI GLOBAL, pp.446-465, 2014
- XVI. **Fuzzy MCDM Approach for Make-or-Buy Decision Problem**  
Çebi F., Otay İ., Çelebi Gonıdı D.  
in: Encyclopedia of Business Analytical and Optimization, Wang J., Editor, Igi Global, Hershey, pp.446-465, 2013
- XVII. **Çok Ölçütlü Yap – Satın al Kararlarına Bütünleşik Bir Yaklaşım**  
Çebi F., Çelebi Gonıdı 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
- XVIII. **Çok Ölçütlü Yap – Satın al Kararlarına Bütünleşik Bir Yaklaşım**  
ÇEBİ F., ÇELEBİ D.  
in: Pazarlama İşletme Yönetimi ve Eğitiminde Seçilmiş Yazılar Prof Dr Selime Sezgine Armağan, Uray N. ve diğerleri, Editor, Beta Basım A.Ş., İstanbul, pp.483-501, 2011
- XIX. **Tek ve Çok Ölçütlü ABC Analizleri için Bulanık Model Önerileri**  
ÇEBİ F., KAHRAMAN C.  
in: Sıtkı Gözölü ye Armağan, Bayraktar D., Çebi F., Bolat B., Editor, Çağlayan Basımevi, İstanbul, pp.79-97, 2007
- XX. **Tek ve Çok Ölçütlü ABC Analizleri için Bulanık Model Önerileri**  
Çebi F., Kahraman C.  
in: Sıtkı Gözölü'ye Armağan, Bayraktar D., Çebi F., Bolat B., Editor, Çağlayan Yayınevi, İstanbul, pp.79-97, 2007
- XXI. **Veri Zarflama Analizi ve Satış Birimlerinin Etkinliklerinin Ölçülmesi**  
Çebi F.  
in: Ayhan Toraman'a Armağan, Gözölü S., Bayraktar D., Çebi F., Editor, Savaş Yayınları, İstanbul, pp.253-265, 2000
- XXII. **Veri Zarflama Analizi ve Satış Birimlerinin Etkinliklerinin Ölçülmesi**  
ÇEBİ F.  
in: Ayhan Toraman a Armağan, Gözölü., Bayraktar D., Çebi F., Editor, Savaş Matbaa, İstanbul, pp.253-265, 2000

## Refereed Congress / Symposium Publications in Proceedings

- I. **A Last Mile Delivery Problem with Multitrip and Time Window Constraints In E-Logistics**  
Nurcan Kızgın D., Çebi F.  
International Symposium for Production Research (ISPR2023), Antalya, Turkey, 5 - 08 October 2023
- II. **Data Envelopment Analysis for Branch Evaluation: A Case Study in an Underwear Company in Turkey**  
Alkan B., Bosnalı S. B., Köse R. E., Çebi F.  
22nd International Symposium for Production Research, ISPR 2022, Antalya, Turkey, 6 - 08 October 2022, pp.366-377
- III. **A Fuzzy Cognitive Mapping Approach for Carbon Emission Factors Prioritization During Covid-19 Period**  
Kayı B., KONYALIOĞLU A. K., ÇEBİ F.  
Ninth International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 2022) and SECOTOX Conference, Mykonos, Greece, 19 June 2022
- IV. **A Raw Milk Production Facility Design Study in Aydın Region, Turkey**  
Erdemir H., Yılmaz M., Konyalıoğlu A. K., Beldek T., Çebi F.  
21st International Symposium on Production Research (ISPR) - Digitizing Production System, ELECTR NETWORK,

7 - 09 October 2021, pp.568-577

- V. **A Nurse Scheduling Case in a Turkish Hospital**  
Yasan E., Cesur T., Aslan T. N., Köse R. E., Konyalıoğlu A. K., Beldek T., Çebi F.  
21st International Symposium on Production Research (ISPR) - Digitizing Production System, ELECTR NETWORK,  
7 - 09 October 2021, pp.467-475
- VI. **An Integrated Approach to Human Resources Software Program Selection in a Fuzzy Environment**  
Köy E., Konyalıoğlu A. K., Çebi F.  
International Conference on Intelligent and Fuzzy Systems, INFUS 2021, İstanbul, Turkey, 24 - 26 August 2021,  
vol.307, pp.360-369
- VII. **A Design of Collecting and Processing System of Used Face Masks and Contaminated Tissues During COVID-19 Era in Workplaces**  
Hekimoglu B., Akca E., Konyalıoğlu A. K., Beldek T., Çebi F.  
21st International Symposium on Production Research (ISPR) - Digitizing Production System, ELECTR NETWORK,  
7 - 09 October 2021, pp.53-64
- VIII. **Makespan Minimization in Manufacturing Process of a Company**  
Kayi B., Keçibaş H., Konyalıoğlu A. K., Çebi F.  
International Symposium for Production Research, ISPR 2020, Antalya, Turkey, 24 - 26 September 2020, pp.943-950
- IX. **Click Prediction in Digital Advertisements: A Fuzzy Approach to Model Selection**  
TEKİN A. T., KAYA T., ÇEBİ F.  
International Conference on Intelligent and Fuzzy Systems, INFUS 2020, İstanbul, Turkey, 21 July 2020, pp.213-220
- X. **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
- XI. **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
- XII. **Machine Learning Algorithms to Forecast Population: Turkey Example Turkey,274-282.**  
Şahinarslan F., Tekin A., ÇEBİ F.  
ETMS, 9 - 11 October 2019
- XIII. **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
- XIV. **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
- XV. **A Stochastic Approach for Effective Workforce Planning: A Case of a Call Centre in Turkey**  
Üstün E., Baritugan B., KONYALIOĞLU A. K., ÇEBİ F.  
ISPR2019, 28 August - 01 September 2019
- XVI. **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
- XVII. **Click and Sales Prediction for Digital Advertisements: Real World Application for OTAs**  
TEKİN A., ÇEBİ F.  
INFUS 2019, 15 - 19 July 2019
- XVIII. **A Mathematical Approach for Assembly Line Balancing: 6060 Built-in Oven Problem**  
Gavcar B., büyükikiz b., KONYALIOĞLU A. K., BELDEK T., ÇEBİ F.  
4TH INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING, İstanbul, Turkey, 19 - 21 December 2018

- XIX. **A systematic approach to process design in pullsystems: An application in white goods sector**  
esen z. a., KONYALIOĞLU A. K., ÇEBİ F.  
4TH INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING, İstanbul, Turkey, 19 - 21  
December 2018
- XX. **Efficiency Measurement and Evaluation in Film Industry Using Data Envelopment Analysis Technique**  
Evcı D., ÇEBİ F.  
IZCEAS, 5 - 08 December 2018
- XXI. **The Problems of Technopark Companies In Industry 4.0 Transformation**  
ATAK G., ÇEBİ F.  
IZCEAS, 5 - 08 December 2018
- XXII. **Integrated Approach for Selecting of Electricity Generation Sources for an Electric Company**  
Öztürk M., Aydoğan F., ALDEMİR G., ÇEBİ F.  
ETMS2018, Turkey, 4 - 05 October 2018
- XXIII. **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
- XXIV. **Forecasting The Demand of A Medical Material: Grey-Based Approach**  
ZOR C., ÇEBİ F.  
International Symposium for Production Research 2017 (ISPR 2017), Viyana, Austria, 12 - 15 September 2017,  
pp.929-934
- XXV. **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
- XXVI. **Operating Room Scheduling with all Constraints**  
KOYUNCU YEMENİCİ N., ÇEBİ F.  
International Symposium for Production Research (ISPR2017), 13 - 15 September 2017, pp.459-468
- XXVII. **Individualized Treatment Planning using Markov Decision Process**  
Eldem İ., Çebi F.  
International Symposium for Production Research (ISPR2017), İstanbul, Turkey, 13 - 15 September 2017, pp.235-  
242
- XXVIII. **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
- XXIX. **Kaya A Özen S Tuğran M Çebi F Diyabet Hastalığının Tahmininde Sayısal Yaklaşımlar Yapay Sinir Ağları ve Lojistik Regresyon Bildiriler Kitabı Uluslararası Katılımlı 12 14 Ekim 2016 İstanbul 740 745**  
KAYA A., Özen S., Tuğran M., ÇEBİ F.  
16. Üretim Araştırmaları Sempozyumu, 12 - 14 October 2016
- XXX. **Sağlık Sektöründe Gri Tahminleme Yöntemi ile Talep Tahmini**  
Zor C., Çebi F.  
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- XXXI. **Diyabet Hastalığının Tahmininde Sayısal Yaklaşımlar: Yapay Sinir Ağları ve Lojistik Regresyon**  
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XLIV. **Tamsayılı Programlama ile Hat Dengeleme: Bir Uygulama (Line Balancing with Integer Programming: An Application)**

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- XII. International Logistics and Supply Chain, İstanbul, Turkey, 30 - 31 January 2014, pp.495-506
- XLVI. **AN INTEGRATED MULTI-CRITERIA DECISION MAKING METHODOLOGY FOR FACILITY LOCATION SELECTION PROBLEM UNDER FUZZY ENVIRONMENT: APPLICATION IN CEMENT SECTOR**  
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XI. Ulusal Üretim Araştırmaları Sempozyumu, Turkey, 23 - 24 June 2011, pp.560-568
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35th International Conference on Computers and Industrial Engineering, ICC and IE 2005, İstanbul, Turkey, 19 - 22 June 2005, pp.805-812
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- LV. **Using DEA to Measure and Evaluate Relative Efficiency of Distributors A Case Study**  
ÇEBİ F., GÖZLÜ S.  
Proceedings of PICMET'03, 1 - 03 July 2003

## Supported Projects

Çebi F., Sezer M., Project Supported by Higher Education Institutions, İstatistiksel dağılıma dayalı talep tahmin algoritmasının geliştirilmesi ve bir uygulama, 2024 - Continues

Çebi F., Çepni E., Project Supported by Private Organizations in Other Countries, UNESCO Chair in Strategic Foresight, 2022 - 2027

Çebi F., Tekil Ergün S., CEYLAN M., Project Supported by Higher Education Institutions, Etkin Taşımacılık için Konteyner Yükleme Problemlerinin Çözümüne Yönelik Yeni Bir Sezgisel Yaklaşım ve Örnek Olay, 2022 - 2024

Çebi F., Akyelken N., Universities of Other Countries Supported Project, Knowledge Hub for Female Workers: A pilot project in Gaziantep, 2021 - 2022

Çebi F., Project Supported by Other Official Institutions, Bulanık ortamda çok kriterli iş değerlendirme için karar destek sistemi, 2020 - 2021

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 FORECASTING WITH A FUZZY LINEAR REGRESSION METHODOLOGY: A CASE STUDY AT A MEDICAL ASSISTANCE COMPANY, 2015 - 2018

Çebi F., Project Supported by Higher Education Institutions, BENCHMARKING THE OPERATIONAL EXCELLENCE OF DANGEROUS GOODS TRANSPORTERS, 2012 - 2018

Çebi F., Project Supported by Higher Education Institutions, A MULTICRITERIA ABC CLASSIFICATION MODEL USING 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 supplier 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

Çebi F., Bolat H. B., Çelebi Gonıdı D., TUBITAK Project, Elektrik ve Elektronik Atıkların Tersine Lojistik Süreçlerinin İyileştirilmesine Yönelik Bütünleşik Bir Sistem Tasarımı Proje Kapsamı Ulusal Yeni Fikirler ve Ürünler Araştırma Destek Programı Proje No 115M551Süre 18 AY, 2015 - 2017

## Activities in Scientific Journals

IEEE TRANSACTIONS ON ENGINEERING MANAGEMENT, Assistant Editor/Section Editor, 2022 - Continues

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

IEEE TRANSACTIONS ON ENGINEERING MANAGEMENT, Special Issue Editor, 2020 - 2023

International Journal of Business Analytics (IJBAN), Special Issue Editor, 2019 - 2022

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

Computers & Industrial Engineering, SCI Journal, January 2017

Journal of Intelligent and Fuzzy Systems, 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 Applied Management Science , Other Indexed Journal, March 2015  
International Journal of Information Systems in the Service Sector (IJISSS) , Other Indexed Journal, March 2015  
International Journal of Information Technology & Decision Making, 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

## **Tasks In Event Organizations**

Çebi F., Bozbura F. T., Engineering and Technology Management Summit ETMS 2023, Scientific Congress, İstanbul, Turkey, Ekim 2023

## **Metrics**

Publication: 145  
Citation (WoS): 125  
Citation (Scopus): 291  
H-Index (WoS): 5  
H-Index (Scopus): 9

## **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

## **Awards**

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

## **Non Academic Experience**

University, Portland State , Engineering and Technology  
Portland State University