

## **Prof. Özlem AKÇAY KASAPOĞLU**

### **Personal Information**

**Office Phone:** [+90 212 473 7070](tel:+902124737070) Extension: 18259

**Email:** ozlemak@istanbul.edu.tr

**Web:** <http://aves.istanbul.edu.tr/ozlemak/>

**Address:** ozlemak@istanbul.edu.tr

### **International Researcher IDs**

ORCID: 0000-0003-4098-6057

Publons / Web Of Science ResearcherID: AAC-5643-2020

Yoksis Researcher ID: 176395

### **Education Information**

Doctorate, Istanbul University, Institute of Social Sciences, İşletme/Üretim, Turkey 2003 - 2008

Postgraduate, Istanbul University, Sosyal Bilimler Enstitüsü, Üretim, Turkey 2000 - 2003

Undergraduate, Yıldız Technical University, Kimya, Turkey 1995 - 2000

### **Foreign Languages**

English, C1 Advanced

German, B1 Intermediate

### **Certificates, Courses and Trainings**

Education Management and Planning, İstatistiksel Deney Tasarımı Eğitimi, Minitab, 2009

Quality Management, Minitab İstatistik Paket Programı Eğitimi, Minitab, 2009

Education Management and Planning, Certificate Program of International Management, İstanbul Üniversitesi İşletme İktisadi Enstitüsü, 2002

Education Management and Planning, Pedagojik Formasyon, Yıldız Teknik Üniversitesi Eğitim Fakültesi, 1999

### **Dissertations**

Doctorate, Talaşlı İmalatta bir kalite karakteristiğinin modellenmesi, Istanbul University, School of Business, Üretim, 2007

Postgraduate, Tedarik zincirinde optimizasyon, Istanbul University, School of Business, Üretim, 2003

Postgraduate, Poliaromatik hidrokarbonlar, Yıldız Technical University, Fen Edebiyat Fakültesi, Kimya, 2000

### **Research Areas**

Social Sciences and Humanities, Management, Production Management, Logistics Management, Quality and Production Management

## Academic Titles / Tasks

Associate Professor, Istanbul University, School of Business, Department of Business Administration, 2015 - 2020  
Assistant Professor, Istanbul University, School of Business, Department of Business Administration, 2009 - 2015  
Research Assistant PhD, Istanbul University, School of Business, Department of Business Administration, 2008 - 2009  
Research Assistant, Istanbul University, School of Business, Department of Business Administration, 2000 - 2008

## Academic and Administrative Experience

Head of Department, Istanbul University, School Of Business, Department Of Business Administration, 2023 - Continues  
associate professor, Istanbul University, School Of Business, Department of Business Administration, 2016 - 2020

## Courses

Tedarik Zincirinde Güncel Stratejiler, Doctorate, 2022 - 2023  
Tedarik Zinciri Planlama, Postgraduate, 2019 - 2020, 2018 - 2019  
Lojistik ve Tedarik Zinciri Yönetimi, Postgraduate, 2019 - 2020, 2018 - 2019  
Supply Chain Management, Undergraduate, 2019 - 2020, 2018 - 2019  
Tedarik ve Stok Yönetimi, Postgraduate, 2019 - 2020, 2018 - 2019  
Üretim ve Operasyon Yönetimi, Postgraduate, 2019 - 2020, 2018 - 2019  
Industrial Quality Control, Undergraduate, 2019 - 2020, 2018 - 2019  
Üretim Yönetimi, Undergraduate, 2018 - 2019, 2009 - 2010  
production Systems, Undergraduate, 2019 - 2020, 2018 - 2019  
Production Management, Undergraduate, 2018 - 2019  
Kalite Sistemlerinin Tasarımı, Postgraduate, 2018 - 2019  
Kalite sistem tasarımı, Doctorate, 2017 - 2018  
Industrial Quality Control, Undergraduate, 2018 - 2019  
Production Management, Undergraduate, 2013 - 2014, 2009 - 2010  
Production and Operations Management, Postgraduate, 2012 - 2013  
Tedarik ve Stok, Postgraduate, 2011 - 2012  
İleri Kalite Sistemleri, Postgraduate, 2012 - 2013, 2011 - 2012  
Seminer, Doctorate, 2011 - 2012  
Industrial Quality Control, Undergraduate, 2012 - 2013, 2011 - 2012  
Endüstriyel Kalite Kontrol, Undergraduate, 2009 - 2010  
Kalite Geliştirme Yöntemleri, Postgraduate, 2009 - 2010  
Üretim ve Operasyon Yönetimi, Postgraduate, 2009 - 2010

## Advising Theses

AKÇAY KASAPOĞLU Ö., The impact of online service quality on student satisfaction, Doctorate, R.Abdellatif(Student), 2019  
AKÇAY KASAPOĞLU Ö., TOPLAM KALİTE YÖNETİMİNİN ÇALIŞAN MEMNUNİYETİ VE ÖRGÜTSEL BAĞLILIK ÜZERİNDEKİ ETKİSİ: DEVLET VE ÖZEL HASTANE ÖRNEĞİ, Postgraduate, N.Dolapoğlu(Student), 2018  
AKÇAY KASAPOĞLU Ö., YALIN ÜRETİM TEKNİKLERİNE BAĞLI SÜREÇ İYİLEŞTİRMELERİN BİR KOZMETİK FİRMASINDA UYGULANMASI, Postgraduate, b.etleç(Student), 2017  
AKÇAY KASAPOĞLU Ö., BİR KOZMETİK FİRMASINDA KALİTE İYİLEŞTİRME ADIMLARI KOZMETİK KALİTE EL KİTABININ YAZILMASI VE TEDARİKÇİ PERFORMANSI ÜZERİNDEKİ ETKİSİ, Postgraduate, ç.sengül(Student), 2017  
AKÇAY KASAPOĞLU Ö., Merkezi tedarik zincirinde satıl alma fonksiyonuna dayalı optimizasyon ve farmasötik alanda bir uygulama, Postgraduate, Ç.Onaç(Student), 2013

AKÇAY KASAPOĞLU Ö., Düşük Hacimli İş Atölyelerinde Zaman Pencere Üretim Çizelgesinin Optimizasyonu, Postgraduate, A.Tayalı(Student), 2012

AKÇAY KASAPOĞLU Ö., Tedarikçi Seçim Kararında Analitik Ağ Süreci Uygulaması, Postgraduate, Y.Yurder(Student), 2012

AKÇAY KASAPOĞLU Ö., Depo Tasarımı Ve Yerleşimi, Postgraduate, C.Evinsel(Student), 2010

## Jury Memberships

Doctoral Examination, Yeterlilik sınavı, Trakya Üniversitesi, May, 2016

Appointment to Academic Staff-Assistant Professorship, Yardımcı Doçent Kadrosu Atanma Jürisi, İşletme Fakültesi, May, 2016

Appointment to Academic Staff-Assistant Professorship, Yardımcı Doçent Kadrosu Atanma Jürisi, İşletme Fakültesi, January, 2016

Doctoral Examination, Yeterlilik sınavı, İstanbul Üniversitesi, June, 2013

Doctoral Examination, Yeterlilik sınavı, İstanbul Üniversitesi, June, 2013

Doctoral Examination, Yeterlilik sınavı, İstanbul Üniversitesi, February, 2013

Doctorate, Doktora Tez Savunması( Sündüs Dağ), İstanbul Üniversitesi, October, 2012

Doctorate, Doktora tez savunma jürisi, İstanbul Üniversitesi, July, 2011

Doctorate, Doktora tez savunma jürisi, İstanbul Üniversitesi, July, 2011

Doctoral Examination, Yeterlilik sınavı, İstanbul Üniversitesi, February, 2011

Doctoral Examination, Yeterlilik sınavı, İstanbul Üniversitesi, February, 2011

Doctoral Examination, Yeterlilik sınavı, İstanbul Üniversitesi, February, 2011

Doctoral Examination, Yeterlilik sınavı, İstanbul Üniversitesi, February, 2011

Doctoral Examination, Yeterlilik sınavı, İstanbul Üniversitesi, February, 2011

Doctoral Examination, Yeterlilik sınavı, İstanbul Üniversitesi, February, 2011

Doctoral Examination, Yeterlilik sınavı, İstanbul Üniversitesi, February, 2011

Doctoral Examination, Yeterlilik sınavı, İstanbul Üniversitesi, February, 2011

Doctoral Examination, Yeterlilik sınavı, İstanbul Üniversitesi, February, 2011

Doctoral Examination, Yeterlilik sınavı, İstanbul Üniversitesi, February, 2011

Doctoral Examination, Yeterlilik sınavı, İstanbul Üniversitesi, February, 2011

Doctorate, Doktora Tez Savunması( Birgül Küçük), İstanbul Üniversitesi, March, 2010

Doctorate, Doktora Tez Savunması( İbrahim Zeki Akyurt), İstanbul Üniversitesi, February, 2010

## Articles Published in Other Journals

### I. OPTIMIZATION OF REAL TIME PCR PARAMETERS BY CENTRAL COMPOSITE DESIGN IN GMO ANALYSIS OF CROP PLANT

Akçay Kasapoğlu Ö., Demircioğlu M.

KAFKAS ÜNİVERSİTESİ İKTİSADİ ve İDARİ BİLİMLER FAKÜLTESİ DERGİSİ, vol.1, no.1, pp.1-5, 2022 (Peer-Reviewed Journal)

### II. R Programlama İle Birlikte Kuralları Analizi: Tüketicilerin İnternet Üzerinden Yaptıkları Alışveriş Verisinin Apriori ve Eclat Algoritmalarıyla İncelenmesi

GÜR SOY U. T., AKÇAY KASAPOĞLU Ö., Atalay K.

ALPHANUMERIC JOURNAL, vol.7, no.2, pp.357-368, 2019 (Peer-Reviewed Journal)

### III. Endüstri 4.0 Bileşenlerinin AHP ve DEMATEL Yöntemleri İle İncelenmesi

GÜR SOY U. T., AKÇAY KASAPOĞLU Ö., Gürler C., Bozkurt Ş.

International Social Science Studies Journal, vol.5, no.52, pp.7121-7132, 2019 (Peer-Reviewed Journal)

### IV. Leadership and Organization for the Companies in the Process of Industry 4.0 Transformation

Akçay Kasapoğlu Ö.

International Journal of Organizational Leadership, vol.1, no.7, pp.300-308, 2018 (ESCI)

- V. **Selection of the Forecasting Model in Health Care**  
AKÇAY KASAPOĞLU Ö.  
Journal of Hospital and Medical Management, vol.2, no.2, pp.1-5, 2016 (Peer-Reviewed Journal)
- VI. **Data analytics for retail layout decisions**  
AKÇAY KASAPOĞLU Ö.  
International Journal of Advanced Research and Review, no.6, pp.115-126, 2016 (Peer-Reviewed Journal)
- VII. **Data Analytics In Preventive Health Care With Total Quality Management Approach**  
AKÇAY KASAPOĞLU Ö.  
European Scientific Journal, no.2, pp.232-249, 2016 (Peer-Reviewed Journal)
- VIII. **Supplier Defect data analytics in Lean Supply Chain with a continuous improvement approach**  
AKÇAY KASAPOĞLU Ö.  
Journal Of International Academic Research for Multidisciplinary, vol.4, no.4, pp.30-47, 2016 (Peer-Reviewed Journal)
- IX. **CRM Application in Service Production: Determining Thermal Hotel Customers' Profile By Using Data Mining Tools**  
GÜRsoy U. T., AKÇAY KASAPOĞLU Ö., Yücel A.  
Journal of International Academic Research for Multidisciplinary, vol.4, no.2, pp.206-223, 2016 (Peer-Reviewed Journal)
- X. **Optimizing centralized Supply chain based on purchasing and an application on pharmaceutical field**  
AKÇAY KASAPOĞLU Ö., Onaç Ç.  
Kosbed Koceeli Üniversitesi Sosyal Bilimler Dergisi, vol.1, no.28, pp.71-91, 2014 (Peer-Reviewed Journal)
- XI. **Ürün Karması optimizasyonunda kıstlar teorisi kullanımı ve bir uygulama**  
AKÇAY KASAPOĞLU Ö., Kaplan B.  
Öneri Marmara Üniversitesi Sosyal Bilimler Enstitüsü Dergisi,, vol.10, no.40, pp.45-48, 2013 (Peer-Reviewed Journal)
- XII. **TEDARİKÇİ SEÇİM KARARINDA ANALİTİK AĞ SÜRECİ UYGULAMASI**  
Akçay KASAPOĞLU Ö., YURDER Y.  
Gazi Üniversitesi İktisadi ve İdari Bilimler Fakültesi Dergisi, vol.15, no.1, pp.163-195, 2013 (Scopus)
- XIII. **Process modelling for quality improvement in annealing process**  
AKÇAY KASAPOĞLU Ö.  
İşletme Fakültesi Dergisi, vol.39, pp.241-257, 2010 (Peer-Reviewed Journal)
- XIV. **Modelling of Surface Roughness in Machining**  
Özçakar N., AKÇAY KASAPOĞLU Ö.  
Yönetim, İstanbul Üniversitesi İşletme İktisadi Enstitüsü Dergisi, vol.20, pp.27-40, 2009 (Peer-Reviewed Journal)
- XV. **, A Content Analysis of the Papers Published In the Journal of School of Business Administration: Operation Research and Operations Management(1972 -2007)**  
AKÇAY KASAPOĞLU Ö.  
İşletme Fakültesi Dergisi, vol.38, pp.13-22, 2008 (Peer-Reviewed Journal)
- XVI. **A content analysis of the papers published in the Journal of School of Business Administration: Operations Research and Operations Management (1972-2007)**  
AKÇAY KASAPOĞLU Ö.  
İSTANBUL UNIVERSITY JOURNAL OF THE SCHOOL OF BUSINESS, vol.37, no.2, pp.121-136, 2008 (ESCI)
- XVII. **Pnömatik Valf Tedarikçisi Seçiminde Analitik Hiyerarşi Prosesi**  
Akçay Kasapoğlu Ö., Gürsoy U. T.  
Yönetim, vol.17, no.1, pp.41-47, 2006 (Peer-Reviewed Journal)
- XVIII. **Analitik Hiyerarşi Prosesi Tekniği ile bir Proje Yönetimi Uygulaması**  
Şimşek Gürsoy U. T., AKÇAY KASAPOĞLU Ö.  
Öneri Marmara Üniversitesi Sosyal Bilimler Enstitüsü Dergisi, vol.25, pp.20-25, 2006 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Tedarik Zincirinde Güncel Stratejiler ve Dİjitalizasyon**  
Akçay Kasapoğlu Ö.  
Çağlayan Yayınevi, İstanbul, 2020

## Refereed Congress / Symposium Publications in Proceedings

- I. **RELATIONSHIP BETWEEN MAINTENANCE AND SUSTAINABILITY IN WASTE WATER TREATMENT PLANT**  
AKÇAY KASAPOĞLU Ö., Ünlütürk E.  
35th International Scientific Conference on Economic and Social Development – "Sustainability from an Economic and Social Perspective", Lizbon, Portugal, 15 - 16 November 2018, pp.425-433
- II. **TRADE OF BETWEEN TWO RENEWABLE ENERGY SOURCES FOR A FACTORY IN THE SUSTAINABILTY CONCEPT**  
AKÇAY KASAPOĞLU Ö., Uzunel H.  
35th International Scientific Conference on Economic and Social Development – "Sustainability from an Economic and Social Perspective", Lizbon, Portugal, 15 - 16 November 2018, pp.391-401
- III. **Quality function deployment for the companies in the process of industry 4.0 transformation**  
AKÇAY KASAPOĞLU Ö.  
11TH INTERNATIONAL CONFERENCE ON NEW CHALLENGES IN MANAGEMENTAND BUSINESS, İstanbul, Turkey, 28 - 29 March 2018, vol.1, no.11, pp.131
- IV. **A STUDY ON THE COMPARISON OF THE AWARENESS FOR THE INDUSTRY 4.0**  
AKÇAY KASAPOĞLU Ö.  
47. Cie Computers and Industrial Engineering, Lizbon, Portugal, 11 - 13 October 2017, vol.17, no.293, pp.293-300
- V. **The role of development culture in total quality management in public vs. private hospitals: mediating effect of employee empowerment type**  
AKÇAY KASAPOĞLU Ö., Gözükarı İ., Çolakoğlu N.  
International Conference on Health and Hospital Management, Dubai, United Arab Emirates, 8 - 10 December 2016, vol.4, no.5, pp.24
- VI. **Selection of Forecasting Model in Health Care**  
AKÇAY KASAPOĞLU Ö.  
International Conference on Health and Hospital Management, Dubai, United Arab Emirates, 8 - 10 December 2016, vol.4, no.5, pp.28
- VII. **Data analytics in preventive health care with total quality management approach**  
AKÇAY KASAPOĞLU Ö.  
5th International Scientific Forum, ISF 2016, Roma, Italy, 21 - 23 April 2016, vol.1, no.1, pp.232-250
- VIII. **Product Mix Decision Making In Transportation Management**  
GÜRSOY U. T., AKÇAY KASAPOĞLU Ö.  
XIII. International Logistics & Supply Chain Congress 2015, İzmir, Turkey, 22 - 23 October 2015, pp.839-846
- IX. **Quality Improvement In The Service Sector:Application On A Logistics Company**  
AKÇAY KASAPOĞLU Ö., GÜRSOY U. T.  
XIII. International Logistics & Supply Chain Congress 2015, İzmir, Turkey, 22 - 23 October 2015, pp.375-385
- X. **DAMAGE ASSESSMENT ANALYSIS FOR A LOGISTICS COMPANY BY USING DATA MINING TOOLS**  
GÜRSOY U. T., Akçay Kasapoğlu Ö.  
17TH INTERNATIONAL ACADEMIC CONFERENCE, Viyana, Austria, 21 - 24 June 2015, pp.156-169
- XI. **DATA MINING AND ERP:AN APPLICATION IN RETAIL SECTOR**  
AKÇAY KASAPOĞLU Ö., GÜRSOY U. T.  
17TH INTERNATIONAL ACADEMIC CONFERENCE, Viyana, Austria, 21 - 24 June 2015, pp.211-220
- XII. **Multiple Criteria Decision Making in Supplier Selection: Application of ANP Model in Procurement of**

## **Garment Knitwear**

AKÇAY KASAPOĞLU Ö., YURDER Y.

10. International Logistics and Supply Chain Congress, İstanbul, Turkey, 8 - 09 November 2012, pp.620-627

**XIII. Transformation of job shop to flow shop in an era of global crises**

AKÇAY KASAPOĞLU Ö., TAYALI H. A.

X. International Logistics & Supply Chain Congress, İstanbul, Turkey, 8 - 09 November 2012

**XIV. Quality function deployment application in supplier selection**

AKÇAY KASAPOĞLU Ö., LORCU F.

ICOVACS 2008 – International Conference on Value Chain Sustainability, İstanbul, Turkey, 12 - 14 November 2008, pp.245-250

**XV. Evaluation of Innovation Systems**

LORCU F., AKÇAY KASAPOĞLU Ö.

38 th Interantional Conference on Industrial Engineering, Beijing, China, 31 October - 02 November 2008, pp.111-115

**XVI. Supplier Selection by using Data Envelopment Analysis and Goal Programming**

Akçay Kasapoğlu Ö., LORCU F.

38th International Conference on Computers and Industrial Engineering, Beijing, China, 31 October - 02 November 2008, pp.245-250

**XVII. Comparision of innovation indicators: in euoropean union countries and Turkey**

LORCU F., AKÇAY KASAPOĞLU Ö., TURAN G.

4th International Strategic Management Conference, İstanbul, Turkey, 19 - 21 June 2008, pp.507-513

**XVIII. Multiple criteria decision making approaches for the pharmaceutical warehouse location problem in Turkey**

AKÇAY KASAPOĞLU Ö., ŞİMŞEK U. T., GÜRSOY U. T.

3. International Logistic and Supply Chain Congress, İstanbul, Turkey, 12 - 13 November 2005, vol.1, pp.1143-1148

**XIX. A simulation study On The Bullwhip Effect in Supply Chain**

EROĞLU E., AKÇAY KASAPOĞLU Ö.

3. International Logistic and Supply Chain Congress, İstanbul, Turkey, İstanbul, Turkey, 12 - 13 November 2005, pp.267-272

**XX. Distribution Requirements Planning (DRP) and an Excel Based Simulation Application When Demand for a Product within Distribution Channel and/or Transport Time for This Product is Probable**

BARAY Ş. A., AKÇAY KASAPOĞLU Ö.

3rd International Logistics and Supply Chain Congress, Turkey, 1 - 04 November 2005, pp.273-279

**XXI. Investigation of the impact of cutting parameters on the surface finish for a discontinuous machining process**

AKÇAY KASAPOĞLU Ö., KORLU B.

35th International Conference on Computers & Industrial Engineering, İstanbul, Turkey, 5 - 07 June 2005, vol.2, pp.1103-1108

**XXII. An Order Encoding Genetic Algorithm for Lot-Sizing Problem with Multiple Suppliers**

KESKİNTÜRK T., AKÇAY KASAPOĞLU Ö.

35th International Computers & Industrial Engineering Conference, İstanbul, Turkey, 1 - 04 June 2005, pp.1135-1140

## **Patent**

Akçay Kasapoğlu Ö., SENSÖRLE YÜKSEKLİĞİ AYARLANABİLEN KÜRSÜ, Utility Model, CHAPTER A Human Needs, The Invention Registration Number: 2018 06783 , Standard Registration, 2021

AKÇAY KASAPOĞLU Ö., Mobilya sabitleme yöntemi, Utility Model, CHAPTER A Human Needs, 2017

## **Activities in Scientific Journals**

yönetim, Publication Committee Member, 2018 - Continues

## **Memberships / Tasks in Scientific Organizations**

Buyer Network, Member, 2016 - Continues

## **Scientific Refereeing**

Istanbul Business Research, SCI Journal, July 2018

Istanbul Management Journal, Other Indexed Journal, July 2018

İstanbul University Journal of the School of Business Administration, Other Indexed Journal, March 2012

## **Scientific Consultations**

Trakya Üniversitesi, Project Consultancy, Istanbul University, School Of Business, Department of Business Administration, Turkey, 2018 - 2019

## **Scientific Research / Working Group Memberships**

Lean 6 Sigma, İSTANBUL ÜNİVERSİTESİ, Turkey, <http://www.leansixsigmainstitute.org/>, 2012 - Continues

## **Metrics**

Publication: 41

## **Congress and Symposium Activities**

SMART PLS, Attendee, Aydın, Turkey, 2019

R ile temel istatistik uygulamaları, Attendee, İstanbul, Turkey, 2017

IBM SPSS modeller ile metin madenciliği(Text Mining), İstanbul, Haziran 2016, Attendee, İstanbul, Turkey, 2016

Tedairk zincirinde karar alma teknikleri, İ.Ü Kültür Mer Beyazıt, Attendee, İstanbul, Turkey, 2016

Oracle, Büyük Veri ve Analitik Zirvesi, İstanbul, Mart 2016, Attendee, Turkey, 2016

## **Non Academic Experience**

Indiana Univesity Purdue University Infianapolis IUPUI

Bilim İlaç

Legambiente Italy

Glaxo Wellcome Turkiye

Glaxo Wellcome Stevenage UK