

## Prof. Ersoy ÖZ

### Personal Information

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### Education Information

Doctorate, Marmara University, Sosyal Bilimler Enstitüsü, Ekonometri Anabilim Dalı, Turkey 2004 - 2009

Postgraduate, Bursa Uludağ University, Graduate School Of Natural And Applied Sciences, Matematik, Turkey 2001 - 2004

Undergraduate, Bursa Uludağ University, Faculty Of Arts And Sciences, Turkey 1997 - 2001

### Research Areas

Biostatistics and Medical Informatics, bioinformatics, Statistics, Statistical Analysis and Applications, Natural Sciences

### Academic Titles / Tasks

Professor, Yildiz Technical University, Faculty Of Arts & Science, Department Of Statistics, 2020 - Continues

Associate Professor, Yildiz Technical University, Faculty Of Arts & Science, Department Of Statistics, 2014 - 2020

Assistant Professor, Yildiz Technical University, Technical Vocational School Of Higher Education, Department Of Computer Technologies, 2009 - 2014

Lecturer, Yildiz Technical University, Technical Vocational School Of Higher Education, Department Of Computer Technologies, 2004 - 2009

Research Assistant, Uludağ Üniversitesi, Fen Edebiyat Fakültesi, Matematik, 2002 - 2004

### Academic and Administrative Experience

Rectorate Commissioner, Yildiz Technical University, Faculty Of Arts & Science, Department Of Statistics, 2018 - Continues  
Uygulama ve Araştırma Merkezi Yönetim Kurulu Üyesi, Yildiz Technical University, Faculty Of Arts & Science, Department Of Statistics, 2018 - Continues

Fakülte Kurulu Üyesi, Yildiz Technical University, Faculty Of Applied Sciences, 2018 - Continues

Fakülte Yönetim Kurulu Üyesi, Yildiz Technical University, Faculty Of Applied Sciences, 2018 - Continues

Yıldız Teknik Üniversitesi, Faculty of Applied Sciences, 2017 - Continues

Rektörlük Kalite Komisyonu Üyesi, Yildiz Technical University, Faculty Of Arts & Science, Department Of Statistics, 2016 - Continues

Meslek Yüksekokulu Kurulu Üyesi, Yildiz Technical University, Technical Vocational School Of Higher Education, 2015 - 2017

Meslek Yüksekokulu Yönetim Kurulu Üyesi, Yildiz Technical University, Technical Vocational School Of Higher Education, 2015 - 2017

Assistant Director of Vocational School, Yildiz Technical University, Technical Vocational School Of Higher Education, 2015 - 2017

Assistant Director of Vocational School, Yildiz Technical University, Technical Vocational School Of Higher Education, 2013 - 2015

Meslek Yüksekokulu Yönetim Kurulu Üyesi, Yıldız Technical University, Technical Vocational School Of Higher Education, 2013 - 2015

Meslek Yüksekokulu Yönetim Kurulu Üyesi, Yıldız Technical University, Technical Vocational School Of Higher Education, 2010 - 2013

## Courses

Oyunlar ve Karar Verme, Postgraduate, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020

Operations Research I, Undergraduate, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020

İstatistik, Undergraduate, 2019 - 2020

Bitirme Çalışması, Undergraduate, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020

Lineer Olmayan Programlama, Postgraduate, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020

Planlama Teknikleri, Undergraduate, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020

Bilgisayar Programlamaya Giriş, Undergraduate, 2017 - 2018, 2018 - 2019, 2019 - 2020

Yöneylem Araştırması II, Undergraduate, 2014 - 2015, 2015 - 2016, 2016 - 2017

Algoritma ve Programlamaya Giriş, Associate Degree, 2007 - 2008, 2017 - 2018

Delphi Programlama I, Associate Degree, 2004 - 2005, 2005 - 2006, 2006 - 2007, 2007 - 2008, 2008 - 2009, 2009 - 2010, 2010 - 2011, 2011 - 2012, 2012 - 2013, 2013 - 2014, 2014 - 2015, 2015 - 2016

Web Programlama, Undergraduate, 2016 - 2017

Sistem Analizi ve Tasarımı, Associate Degree, 2004 - 2005, 2005 - 2006, 2006 - 2007, 2007 - 2008, 2008 - 2009, 2009 - 2010, 2010 - 2011, 2011 - 2012, 2012 - 2013, 2013 - 2014, 2014 - 2015, 2016 - 2017

İstatistikçiler için Matematiksel Programlama, Undergraduate, 2015 - 2016, 2016 - 2017

Sayısal Çözümleme, Associate Degree, 2012 - 2013, 2013 - 2014, 2014 - 2015

İnternet Programcılığı 2, Associate Degree, 2014 - 2015

Sistem Mimarileri, Associate Degree, 2012 - 2013, 2014 - 2015

Sistem Analizi ve Tasarımı, Associate Degree, 2014 - 2015

Programlama Temelleri, Associate Degree, 2015 - 2016

Sayısal Çözümleme, Associate Degree, 2012 - 2013, 2013 - 2014, 2014 - 2015

İnternet Programcılığı 2, Associate Degree, 2014 - 2015

Mikro Bilgisayar Sistemleri ve Assembler, Associate Degree, 2013 - 2014, 2014 - 2015

Sistem Mimarileri, Associate Degree, 2014 - 2015

Bilgisayar Ağ Sistemleri, Associate Degree, 2006 - 2007, 2007 - 2008, 2008 - 2009, 2009 - 2010, 2010 - 2011, 2011 - 2012, 2012 - 2013, 2013 - 2014, 2014 - 2015

Temel Elektronik, Associate Degree, 2014 - 2015

Bilgisayarlı İstatistik, Associate Degree, 2011 - 2012, 2012 - 2013, 2014 - 2015

Modern Mantık ve Mikroişlemciler, Associate Degree, 2014 - 2015

Sistem Analizi ve Tasarımı, Associate Degree, 2012 - 2013, 2013 - 2014

Mesleki Matematik, Associate Degree, 2012 - 2013, 2014 - 2015

İnternet Programcılığı 1 , Associate Degree, 2014 - 2015

Nesne Tabanlı Programlama, Associate Degree, 2012 - 2013, 2013 - 2014, 2014 - 2015

İnternet Programcılığı 1, Associate Degree, 2014 - 2015

Delphi Programlama I, Associate Degree, 2004 - 2005, 2005 - 2006, 2006 - 2007, 2007 - 2008, 2008 - 2009, 2009 - 2010, 2010 - 2011, 2011 - 2012, 2012 - 2013, 2013 - 2014, 2014 - 2015

Bilgisayar Donanımı, Associate Degree, 2013 - 2014

Araştırma Teknikleri ve Seminer, Associate Degree, 2005 - 2006, 2006 - 2007, 2007 - 2008, 2008 - 2009, 2009 - 2010, 2011 - 2012

Grafik ve Animasyon , Associate Degree, 2004 - 2005, 2005 - 2006, 2006 - 2007, 2007 - 2008, 2008 - 2009, 2009 - 2010, 2010 - 2011, 2011 - 2012

Bilgisayar II, Associate Degree, 2004 - 2005, 2005 - 2006, 2006 - 2007, 2007 - 2008, 2008 - 2009, 2009 - 2010, 2010 - 2011

İşletim Sistemleri, Associate Degree, 2005 - 2006, 2006 - 2007, 2007 - 2008, 2008 - 2009, 2009 - 2010, 2010 - 2011, 2011 - 2012  
Görsel Programlama 2, Associate Degree, 2009 - 2010  
Teknolojinin Bilimsel İlkeleri, Associate Degree, 2007 - 2008, 2008 - 2009, 2009 - 2010, 2010 - 2011  
İşletim Sistemleri, Associate Degree, 2005 - 2006, 2006 - 2007, 2007 - 2008, 2008 - 2009, 2009 - 2010, 2010 - 2011  
Bilgisayar I, Associate Degree, 2004 - 2005, 2005 - 2006, 2006 - 2007, 2007 - 2008, 2008 - 2009, 2009 - 2010, 2010 - 2011  
Bilgisayar II, Associate Degree, 2006 - 2007  
Veri Tabanı ve Yönetim Sistemleri 1, Associate Degree, 2004 - 2005

## Advising Theses

Öz E., Veri Madenciliği Yöntemleri İle Meme Kanseri Hastalarının Kan Örnekleri Üzerine Bir Sınıflandırma Uygulaması, Postgraduate, S.Küçükbayram(Student), Continues  
Öz E., Savunma Teknolojilerinde Uzaktan Algılama Sistemleri için Makine Öğrenmesi Yöntemleri ile Sınıflandırma Uygulamaları, Doctorate, T.Genç(Student), Continues  
Öz E., Biyolojik Zaman Serileri için Entropi Tabanlı Öznitelik Çıkarılması ve Sınıflandırılma, Postgraduate, D.Arapoğlu(Student), Continues  
Öz E., Kaygun A., Büyük Verilerde Anomali Tespiti, Doctorate, E.Gülenç(Student), Continues  
Öz E., Makine Öğrenmesi ile Teknoloji Perakende Sektöründe Ek Garanti Satış Modellemesi, Postgraduate, S.Alacan(Student), 2020  
Öz E., Machine Learning Methods and an Application on Educational Data: The Trends in International Mathematics and Science Study 2015 TURKEY Case, Doctorate, E.FİLİZ(Student), 2019  
Öz E., A Model Proposal on Local Electrol Candidate Determination Process With Multi-Criteria Decision Making Methods, Postgraduate, T.GENÇ(Student), 2019  
Öz E., Türkiye'de otomobil üretimi üzerine bulanık hedef programlama yaklaşımının uygulanması, Postgraduate, D.ÖZLEM(Student), 2018

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

- I. **Serum Levels of Selected Elements in Patients with Beta Thalassemia Major**  
Sahin A., Er E. O. , ÖZ E., Yildirmak Z. Y. , BAKIRDERE S.  
BIOLOGICAL TRACE ELEMENT RESEARCH, 2021 (Journal Indexed in SCI)
- II. **The role of intraventricular antibiotic therapy in the treatment of ventriculo-peritoneal shunt infection in children**  
Sahin A., Dalgic N., Kilic M., Kirgiz P., Kanik M. K. , ÖZ E., Yilmaz A.  
CHILDS NERVOUS SYSTEM, 2021 (Journal Indexed in SCI)
- III. **Sodium, Magnesium, Calcium, Manganese, Iron, Copper, and Zinc in Serums of Beta Thalassemia Major Patients**  
Şahin A., Er E., Öz E., Yıldirmak Z. Y. , Bakirdere S.  
Biological Trace Element Research, vol.199, no.3, pp.888-894, 2021 (Journal Indexed in SCI Expanded)
- IV. **A sensitive determination method for trace bisphenol A in bottled water and wastewater samples: Binary solvent liquid phase microextraction-quadrupole isotope dilution-gas chromatography-mass spectrometry**  
Bodur S., Erarpat S., Dalgıç Bozyiğit G., Selali Chormey D., Öz E., Özdoğan N., Bakirdere S.  
Microchemical Journal, vol.159, 2020 (Journal Indexed in SCI)
- V. **Rapid and sensitive detection of Salmonella spp. in raw minced meat samples using droplet digital PCR**  
Yücel Öz Y., Irigül Sönmez Ö., Karaman S., Öz E., Ünal C. B. , Karataş A.

European Food Research And Technology, vol.246, pp.1895-1907, 2020 (Journal Indexed in SCI)

- VI. **Assessment of different isotope dilution strategies and their combination with switchable solvent-based liquid phase microextraction prior to the quantification of bisphenol A at trace levels via GC-MS**  
Bodur S., ERARPAT S., Chormey D. S., Bozyigit G., ÖZ E., Ozdogan N., BAKIRDERE S.  
NEW JOURNAL OF CHEMISTRY, vol.44, no.32, pp.13685-13691, 2020 (Journal Indexed in SCI)
- VII. **Analysis of Conventionally and Magnetic-Field Dried Fruit and Nuts for Mycotoxins by High-Performance Liquid Chromatography–Tandem Mass Spectrometry (HPLC-MS/MS) and Trace Elements by Inductively Coupled Plasma–Mass Spectrometry (ICP-MS)**  
İçelli O., Öz E., Bakırdere S., Nuroglu E.  
Analytical Letters, vol.53, no.5, pp.735-745, 2020 (Journal Indexed in SCI Expanded)
- VIII. **Determination of Trace Element Concentrations in Blood Samples and Their Correlation to Breast Cancer**  
TOPDAĞI Ö., TOKER O., BAKIRDERE S., ÖZ E., Bursalioglu E. O., Abuqbeith M., Demir M., İÇELLİ O.  
ATOMIC SPECTROSCOPY, vol.41, no.1, pp.29-35, 2020 (Journal Indexed in SCI)
- IX. **CROSS-NATIONAL COMPARISONS OF STUDENTS' SCIENCE SUCCESS BASED ON GENDER VARIABILITY: EVIDENCE FROM TIMSS**  
Aşkın Ö. E., Öz E.  
JOURNAL OF BALTIC SCIENCE EDUCATION, vol.19, no.2, pp.186-200, 2020 (Journal Indexed in SSCI)
- X. **y Classification of Hepatitis Viruses from Sequencing Chromatograms Using Multiscale Permutation Entropy and Support Vector Machines**  
Öz E., Aşkın Ö. E.  
ENTROPY, vol.21, no.12, 2019 (Journal Indexed in SCI)
- XI. **Radiation interaction parameters for blood samples of breast cancer patients: an MCNP study**  
Toker O., Çağlar M., Öz E., Bakırdere S., Topdağı Ö., Eyecioglu O., İçelli O.  
RADIATION AND ENVIRONMENTAL BIOPHYSICS, vol.58, no.4, pp.531-537, 2019 (Journal Indexed in SCI)
- XII. **Determination of butyltin compounds in fish and mussel samples at trace levels by vortex assisted dispersive liquid-liquid microextraction-gas chromatography mass spectrometry**  
Erarpat S., Bodur S., Öz E., Bakırdere S.  
JOURNAL OF FOOD COMPOSITION AND ANALYSIS, vol.82, 2019 (Journal Indexed in SCI)
- XIII. **Evaluation of magnetic field assisted sun drying of food samples on drying time and mycotoxin production**  
Nuroglu E., Öz E., Bakırdere S., Bursalioglu E. O., Kavanoz H. B., İçelli O.  
INNOVATIVE FOOD SCIENCE & EMERGING TECHNOLOGIES, vol.52, pp.237-243, 2019 (Journal Indexed in SCI)
- XIV. **Determination of Se, Cr, Mn, Zn, Co, Na, and K in Blood Samples of Breast Cancer Patients to Investigate Their Variation Using ICP-MS and ICP-OES**  
Toker O., Topdağı Ö., Bakırdere S., Bursalioglu E. O., Öz E., Eyecioglu O., Karabul Y., Çağlar M., İçelli O.  
ATOMIC SPECTROSCOPY, vol.40, pp.11-16, 2019 (Journal Indexed in SCI)
- XV. **FINDING THE BEST ALGORITHMS AND EFFECTIVE FACTORS IN CLASSIFICATION OF TURKISH SCIENCE STUDENT SUCCESS**  
Filiz E., Öz E.  
JOURNAL OF BALTIC SCIENCE EDUCATION, vol.18, pp.239-253, 2019 (Journal Indexed in SSCI)
- XVI. **Correlation between Na/K ratio and electron densities in blood samples of breast cancer patients**  
Topdağı Ö., Toker O., Bakırdere S., Bursalioglu E. O., Öz E., Eyecioglu O., Demir M., İçelli O.  
BIOMETALS, vol.31, pp.673-678, 2018 (Journal Indexed in SCI)
- XVII. **Classification of nucleotide sequences for quality assessment using logistic regression and decision tree approaches**  
KURT S., ÖZ E., AŞKIN Ö. E., Oz Y. Y.  
NEURAL COMPUTING & APPLICATIONS, vol.29, no.8, pp.251-262, 2018 (Journal Indexed in SCI)
- XVIII. **Influence of Time and Direction Information on Video Head Impulse Gains**  
Yilmaz O., Öz E., KURT S., AŞKIN Ö. E., Taşdemir E., Mutlu B. O., Keles A., Cevizci R.

- JOURNAL OF INTERNATIONAL ADVANCED OTOLOGY, vol.13, no.3, pp.363-367, 2017 (Journal Indexed in SCI)
- XXI. **Identifying the Classification Performances of Educational Data Mining Methods: A Case Study for TIMSS**  
KILIÇ DEPREN S., Askin O. E. , ÖZ E.  
EDUCATIONAL SCIENCES-THEORY & PRACTICE, vol.17, no.5, pp.1605-1623, 2017 (Journal Indexed in SSCI)
- XX. **Prediction of electron density and trace element concentrations in human blood serum following radioiodine therapy in differentiated thyroid cancer patients**  
Bursalioglu E. O. , ALKAN F. A. , BARUTCU U. B. , DEMIR M., KARABUL Y., BALKAN B., ÖZ E., İÇELLİ O.  
MEASUREMENT, vol.100, pp.19-25, 2017 (Journal Indexed in SCI)
- XXI. **Feature based quality assessment of DNA sequencing chromatograms**  
ÖZ E., KURT S., Asyali M. H. , Kaya H., Yucel Y.  
APPLIED SOFT COMPUTING, vol.41, pp.420-427, 2016 (Journal Indexed in SCI)
- XXII. **Detailed polymorphism study on cytomegalovirus DNA polymerase gene to reveal the most suitable genomic targets for quantitative Real-time PCR**  
BILENOGLU O., ALTINDIS M., ÖZ E., YUCEL-OZ Y., IRIGUL-SONMEZ O., UNAL C. B.  
BOSNIAN JOURNAL OF BASIC MEDICAL SCIENCES, vol.15, no.3, pp.28-34, 2015 (Journal Indexed in SCI)
- XXIII. **Support vector machines for quality control of DNA sequencing**  
ÖZ E., Kaya H.  
JOURNAL OF INEQUALITIES AND APPLICATIONS, 2013 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **FEATURE EXTRACTION FOR DNA CAPILLARY ELECTROPHESIS SIGNALS BASED ON DISCRETE WAVELET TRANSFORM COMBINED WITH MULTI-SCALE PERMUTATION ENTROPY**  
Yiğit Ö. E. , Öz E.  
Sigma Journal of Engineering and Natural Sciences (Article in Press), vol.0, pp.1-20, 2021 (Journal Indexed in ESCI)
- II. **PREDICTION OF BIST PRICE INDICES: A COMPARATIVE STUDY BETWEEN TRADITIONAL AND DEEP LEARNING METHODS**  
Yiğit Ö. E. , Alp S., Öz E.  
Sigma Journal of Engineering and Natural Sciences, vol.38, no.4, pp.1693-1704, 2020 (Journal Indexed in ESCI)
- III. **Educational Data Mining Methods for TIMSS 2015 Mathematics Success: Turkey Case**  
Filiz E., Öz E.  
Sigma Journal of Engineering and Natural Sciences, vol.38, no.2, pp.963-977, 2020 (Journal Indexed in ESCI)
- IV. **MULTIVARIATE MARKOV CHAIN MODEL: AN APPLICATION TO S&P500 AND FTSE-100 STOCK EXCHANGES**  
Gül M., Öz E.  
JOURNAL OF RESEARCH IN ECONOMICS (JORE), vol.2, no.1, pp.75-88, 2018 (International Refereed University Journal)
- V. **Classification Of BIST-100 Index' Changes Via Machine Learning Methods**  
Filiz E., Öz E.  
MARMARA ÜNİVERSİTESİ İKTİSADİ VE İDARİ BİLİMLER DERGİSİ, vol.39, no.1, pp.117-129, 2017 (International Refereed University Journal)
- VI. **An Alternative Approach to the Solution of Multi-Objective Geometric Programming Problems**  
Öz E., Güzel N., Alp S.  
Open Journal of Optimization, vol.6, no.1, pp.11-25, 2017 (Refereed Journals of Other Institutions)
- VII. **An Alternative Solution to Multi Objective Linear Fractional Programming Problem by Using Geometric Programming Technique**  
Öz E., Alp S., Güzel N.  
Mathematical Theory and Modelling, no.6, pp.1-12, 2016 (International Refereed University Journal)

- VIII. **An Application of Geometric Programming**  
Güney İ., Öz E.  
Istanbul Aydın University International Journal of Electronics; Mechanical and Mechatronics Engineering, vol.2, no.2, pp.157-161, 2012 (Refereed Journals of Other Institutions)
- IX. **An Application of Multivariate Markov Chain Model on the Changes in Exchange Rates: Turkey Case**  
Öz E., Erpolat S.  
European Journal of Social Sciences, vol.18, no.4, pp.542-552, 2011 (Refereed Journals of Other Institutions)
- X. **Çok Değişkenli Markov Zinciri Modeli ve Bir Uygulama**  
Öz E., Erpolat S.  
MARMARA ÜNİVERSİTESİ İKTİSADİ VE İDARİ BİLİMLER FAKÜLTESİ DERGİSİ, vol.29, no.2, pp.577-590, 2010 (Other Refereed National Journals)
- XI. **Comparison of Id3, Fuzzy Id3 and Probabilistic Id3 Algorithms in the Evaluation of Learning Achievements**  
Erpolat S., Öz E.  
Journal of Computing, vol.2, no.12, pp.20-24, 2010 (Refereed Journals of Other Institutions)
- XII. **Algorithms of Hidden Markov Model and a Prediction Method on Product Preferences**  
Öz E.  
Journal of Computing, vol.2, no.10, pp.12-17, 2010 (Refereed Journals of Other Institutions)
- XIII. **A Geometric Programming Approach for The Automotive Production in Turkey**  
Öz E., Güney İ.  
Journal of Computing, vol.2, no.7, pp.1-5, 2010 (Refereed Journals of Other Institutions)
- XIV. **Analitik Hiyerarşi Yöntemi ile Elektronik Market Tercihlerinin İncelenmesi**  
Öz E., Alp S.  
İstanbul Aydın Üniversitesi Fen Bilimleri Dergisi, vol.2, no.5, pp.114-130, 2010 (National Refreed University Journal)
- XV. **Kanser Verilerinin Sınıflandırılmasında Yapay Sinir Ağları ile Destek Vektör Makinelerinin Karşılaştırılması**  
Erpolat S., Öz E.  
İstanbul Aydın Üniversitesi Fen Bilimleri Dergisi, vol.2, no.5, pp.71-83, 2010 (Other Refereed National Journals)
- XVI. **APPLYING HIDDEN MARKOV MODEL TO BRAND CHOICES AND ITS REASONS**  
Can T., Öz E.  
ESKİŞEHİR OSMANGAZİ ÜNİVERSİTESİ SOSYAL BİLİMLER DERGİSİ, vol.10, no.2, pp.167-186, 2009 (Refereed Journals of Other Institutions)
- XVII. **İstanbul Menkul Kıymetler Borsası Üzerine Saklı Markov Modeli ile Bir Tahminleme**  
Öz E.  
Ekonomik Yaklaşım, vol.20, no.72, pp.59-85, 2009 (Other Refereed National Journals)
- XVIII. **Markov Zinciri Yöntemi ile Taşınabilir Bilgisayar Tercihlerinin Analizi**  
Öz E., Alp S.  
Sakarya Üniversitesi Sosyal Bilimler Enstitüsü, SBE Akademik İncelemeler Dergisi, vol.4, no.2, pp.37-56, 2009 (National Refreed University Journal)
- XIX. **Estimation of dollar rate changes in Turkey using Hidden Markov models**  
Can T., Öz E.  
İstanbul Üniversitesi İşletme Fakültesi Dergisi. E.A. İşletme Dergisi:İstanbul Üniversitesi İşletme Fakültesi, vol.38, no.1, pp.1-23, 2009 (National Refreed University Journal)
- XX. **Stochastic Differential Equation Simulation of Population Growth Rate**  
Öz E., Güney İ.  
Journal of Analysis and Computation, vol.4, no.2, pp.155-163, 2008 (Refereed Journals of Other Institutions)
- XXI. **Yatırım Araçları Tercihlerinin Markov Analizi ile Yorumlanması**  
Öz E., Alp S.  
Anadolu Bil Meslek Yüksekokulu Dergisi, vol.3, no.11, pp.111-125, 2008 (National Refreed University Journal)

## Books & Book Chapters

- I. **OYUN TEORİSİ VE TÜRKİYE TURİZM SEKTÖRÜ ÜZERİNE BİR UYGULAMA**  
ALP S., ÖZ E., AŞKIN Ö. E.  
Umuttepe Yayınları, Kocaeli, 2020
- II. **Customer Oriented Design with Conjoint Analysis**  
Alp S., Öz E.  
in: Customer Oriented Product Design, Cengiz Kahraman, Selçuk Çebi, Editor, Springer, London/Berlin , Zürich, pp.401-416, 2020
- III. **Customer Oriented Product Design with Conjoint Analysis**  
ALP S., ÖZ E.  
in: Customer Oriented Product Design: Intelligent and Fuzzy Techniques, Kahraman Cengiz, Çebi Selçuk, Editor, Springer, pp.401-415, 2020
- IV. **Makine Öğrenmesinde Sınıflandırma Yöntemleri ve R Uygulamaları**  
Alp S. (Editor), Öz E. (Editor)  
NOBEL Akademik Yayıncılık, Ankara, 2019
- V. **Destek Vektör Makineleri**  
Öz E.  
in: Makine Öğrenmesinde Sınıflandırma Yöntemleri ve R Uygulamaları, Ersoy ÖZ, Selçuk ALP, Editor, Livraria Nobel, Ankara, pp.167-188, 2019
- VI. **Bilgisayar Teknolojileri ve Microsoft Office 2007 Kullanımı**  
Kavaklı Tansel K., Öz E., Alp S.  
Türkmen Kitabevi, İstanbul, 2010
- VII. **Sistem Analizi ve Tasarımı Sistem Analizinde Kullanılan Sayısal Yöntemler**  
Öz E., Alp S.  
Türkmen Kitabevi, İstanbul, 2010
- VIII. **Sistem Analizi ve Tasarımı**  
ÖZ E., ALP S.  
Türkmen Yayınevi, 2010

## Refereed Congress / Symposium Publications in Proceedings

- I. **A Classification Practice on PISA 2018 Results**  
Gülenç Bayırlı E., Öz E.  
3rd International Conference on Data Science and Applications (ICONDATA'xx20), İstanbul, Turkey, 25 - 28 June 2020, vol.1, no.1, pp.177-181
- II. **Veri Madenciliği Teknikleri Kullanılarak BIST 100 Borsa Endeksi Hareketinin Sınıflandırılması**  
Tanç H., Dansık M. Y. , Öz E., Aşkın Ö. E.  
3rd International Conference on Data Science and Applications (ICONDATA'xx20), İstanbul, Turkey, 25 - 28 June 2020, pp.51
- III. **Makine Öğrenmesi Yöntemleri ile Ek Garanti Satın Alım Tahminlemesi**  
Alacan S., Öz E.  
20. ULUSLARARASI EKONOMETRİ, YÖNEYLEM ARAŞTIRMASI VE İSTATİSTİK SEMPOZYUMU, Ankara, Turkey, 12 - 14 February 2020, pp.262
- IV. **Destek Vektör Makineleri ile Pisa 2015 Sonuçları Üzerine Bir Sınıflandırma Uygulaması**  
Gülenç Bayırlı E., Öz E.  
20. ULUSLARARASI EKONOMETRİ, YÖNEYLEM ARAŞTIRMASI VE İSTATİSTİK SEMPOZYUMU, Ankara, Turkey, 12 - 14 February 2020, pp.308
- V. **Sensitive and Accurate Determination of Butyltin Compounds in Fish and Mussel Samples by Vortex Assisted Dispersive Liquid-Liquid Microextraction-Gas Chromatography Mass Spectrometry**

Erarpat S., Bodur S., Öz E., Bakırdere S.

1st INTERNATIONAL CONGRESS on ANALYTICAL and BIOANALYTICAL CHEMISTRY, Antalya, Turkey, 27 - 30 March 2019, pp.159

- VI. **ÇOK KRİTERLİ KARAR VERME YÖNTEMLERİ İLE YEREL SEÇİM ADAY BELİRLEME SÜRECİ ÜZERİNE BİR UYGULAMA**  
Genç T., Öz E.  
2nd International Congress on Statistics Mathematics and Analytical Methods, İstanbul, Turkey, 28 March 2019, vol.0, no.0, pp.105-112
- VII. **Destek Vektör Makineleri ile Eğitim Veri Seti Üzerine BirSınıflandırma Uygulaması: TIMMS-2015 Türkiye**  
Filiz E., Aşkın Ö. E. , Karadağ T., Öz E.  
International Conference on Data Science and Applications, Yalova, Turkey, 4 - 07 October 2018, pp.36-37
- VIII. **The Classification with Support Vector Machines and Logistic Regression: The case study of TIMSS 2015 Turkey Results**  
Filiz E., Aşkın Ö. E. , Öz E.  
19. International Symposium on Econometrics Operations Research and Statistics, Antalya, Turkey, 17 - 20 October 2018, pp.633-636
- IX. **Finding The Best Machine Learning Algorithms in Predicting The Successes of 8th GradeTurkish Students**  
Filiz E., Aşkın Ö. E. , Öz E.  
19. International Symposium on Econometrics Operations Research and Statistics, Antalya, Turkey, 17 - 20 October 2018, pp.640-642
- X. **Veri Madenciliği Yöntemleri ile Meme Kanseri Hastalarının Kan Örnekleri Üzerine Bir Sınıflandırma Uygulaması**  
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