

Prof. GÜLŞEN AKMAN

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: F-6118-2018

ScopusID: 24329283900

Yoksis Researcher ID: 154074

Education Information

Post Doctorate, Pennsylvania State University, Industrial and Manufacturing Engineering, United States Of America 2010 - 2010

Doctorate, Gebze Technical University, Institute Of Social Sciences, Turkey 1999 - 2003

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği, Turkey 1993 - 1996

Undergraduate, Yildiz Technical University, Faculty Of Mechanical Engineering, Endüstri Mühendisliği Bölümü, Turkey 1989 - 1993

Foreign Languages

English, C1 Advanced

French, A1 Beginner

Certificates, Courses and Trainings

IT, Data Scientist Mini Bootcamp, Miuul, 2024

IT, Eğitimde Kullanılan Yapay Zeka Araçları ve Uygulama Örnekleri , SOBIAD AKADEMI, 2023

IT, Aygaz Derin Öğrenme Bootcamp, Global AI Hub Türkiye, 2023

IT, Akbank Makine Öğrenmesi Bootcamp, Global AI Hub, 2023

IT, Akbank veri Analizi Bootcamp, Global AI Hub, 2023

IT, Akbank AI Literacy (Yapay Zeka Okuryazarlığı) Bootcamp, Global AI hub, 2023

Education Management and Planning, FARK YARATAN EĞİTMENİN EĞİTİMİ 8. DÖNEM, Yönderle Akademi, 2023

IT, Introduction to Machine Learning, Global AI Hub, 2022

IT, Data Manipulation, Global AI Hub, 2022

IT, Summercamp Artificial Intelligence, Global AI Hub, 2022

IT, Data Analysis, Global AI Hub Arçelik, 2022

IT, Python for Machine Learning, Global AI Hub, 2022

IT, Introduction to Python, Global AI Hub, 2022

IT, Python Bootcamp, Global AIHub, 2022

Foreign Language, İngilizce Konuşma Kursu , Go Student, 2022

R&D Management, YARATICI PROBLEM ÇÖZME TEORİSİ TRİZ EĞİTİMİ, Makine Mühendisleri Odası, 2022

Data Analysis, Bilimsel Araştırmalar Yaz Seminerleri, Karadeniz Teknik Üniversitesi, 2015

Dissertations

Doctorate, Bilişim Sektöründe Pazar Odaklılık, Yenilik Stratejileri ve Yenilik Kabiliyeti Arasındaki İlişkiler ve Bunların Şirket Performansı Üzerindeki Etkileri, Gebze Yüksek Teknoloji Enstitüsü, Sosyal Bilimler Enstitüsü, İşletme (Dr), 2003
Postgraduate, Toplam Kalite Yönetimi, Kalite Güvencesi Sistemleri, Hizmette Kalite Yönetimi, Çevre Yönetim Sistemi ve Endüstriyel Uygulama, Istanbul Technical University, Fen Bilimleri Enstitüsü, 1996

Research Areas

Industrial Engineering, Strategic planning, Technology and Innovation Management, Decision Theory, Supply Chain and Logistics Management, Engineering and Technology

Academic Titles / Tasks

Professor, Kocaeli University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2023 - Continues

Associate Professor, Kocaeli University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2017 - 2023

Assistant Professor, Kocaeli University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2005 - 2018

Assistant Professor, Pennsylvania State University, Engineering, Industrial Engineering, 2010 - 2010

Research Assistant PhD, Kocaeli University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2003 - 2005

Research Assistant, Kocaeli University, Mühendislik Fakültesi, Endüstri Mühendisliği, 1998 - 2003

Academic and Administrative Experience

Toplumsal Katkı Komisyonu, Kocaeli University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2024 - Continues

Head of Department, Kocaeli University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2023 - Continues

Head of Department, Kocaeli University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği Bölümü, 2023 - Continues

Rektörlük Stratejik Plan Komisyonu Üyesi, Kocaeli University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2023 - Continues

Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Kocaeli University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2016 - Continues

Erasmus Coordinator, Kocaeli University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2011 - Continues

Erasmus Program Institutional Coordinator, Kocaeli University, Mühendislik Fakültesi, 2013 - 2017

İntibak Komisyonu Başkanı, Kocaeli University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2011 - 2015

Staj komisyonu üyesi, Kocaeli University, Mühendislik Fakültesi, Endüstri Mühendisliği, 1998 - 2005

Mezuniyet Komisyonu, Kocaeli University, Mühendislik Fakültesi, Endüstri Mühendisliği, 1998 - 2005

Courses

Veri Toplama ve Çözümleme, Undergraduate, 2023 - 2024

stratejik Pazarlama Yönetimi, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

7.Dönem Projesi, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

Uzmanlık Alan Dersi Doktora, Doctorate, 2023 - 2024, 2020 - 2021
Uzmanlık Alan Dersi-Yüksek Lisans, Postgraduate, 2023 - 2024, 2019 - 2020
Üretim sistemlerinin tasarımı ve yönetimi, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014
Nesneye Yönelik Programlama, Undergraduate, 2023 - 2024
İleri İstatistiksel Analiz, Doctorate, 2023 - 2024
Pazarlama Yönetimi, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022
Ar-ge ve Teknoloji Yönetimi, Postgraduate, 2022 - 2023
Arge ve Teknoloji Yönetimi, Postgraduate, 2023 - 2024
BİTİRME ÇALIŞMASI, Undergraduate, 2021 - 2022
Bitirme çalışması, Undergraduate, 2021 - 2022
İleri İstatistiksel Analiz, Doctorate, 2021 - 2022
AR-GE VE TEKNOLOJİ YÖNETİMİ, Postgraduate, 2021 - 2022
Ar-ge ve Teknoloji Yönetimi, Postgraduate, 2020 - 2021
İleri İstatistiksel Analiz, Doctorate, 2021 - 2022
Ar-ge ve Teknoloji Yönetimi, Postgraduate, 2020 - 2021
İleri İstatistiksel Analiz, Doctorate, 2020 - 2021
Pazarlama Yönetimi, Postgraduate, 2020 - 2021
İleri İstatistiksel Analiz, Doctorate, 2020 - 2021
Uzmanlık Alan Dersi, Doctorate, 2019 - 2020
Uzmanlık Alan Dersi-Yüksek Lisans, Postgraduate, 2020 - 2021
Ar-ge ve Teknoloji Yönetimi, Postgraduate, 2018 - 2019
Pazarlama Yönetimi, Postgraduate, 2019 - 2020
İleri İstatistiksel analiz, Doctorate, 2019 - 2020
İleri İstatistiksel Analiz, Doctorate, 2018 - 2019
Pazarlama Yönetimi, Postgraduate, 2018 - 2019
Kısıtlar Teorisi, Postgraduate, 2017 - 2018
Ar-ge ve Teknoloji Yönetimi, Postgraduate, 2017 - 2018
Pazarlama Yönetimi, Postgraduate, 2016 - 2017
Kısıtlar Teorisi, Postgraduate, 2016 - 2017
Tesis Planlama, Undergraduate, 2015 - 2016
Kısıtlar Teorisi, Postgraduate, 2015 - 2016
Endüstri Mühendisliğine Giriş, Undergraduate, 2015 - 2016
Satış ve Pazarlama yönetimi, Undergraduate, 2008 - 2009
Ürün Geliştirme, Undergraduate, 2005 - 2006

Advising Theses

Akman G., BİR İMALAT İŞLETMESİ İLE TEDARİKÇİLER BOYUTUNDA ENDÜSTRİ 4.0 FARKINDALIĞININ DEĞERLENDİRİLMESİ, Postgraduate, M.Arslan(Student), 2024
Akman G., YALIN YAKLAŞIMLA BEYAZ EŞYA SEKTÖRÜNDE MONTAJ HAT TASARIMI UYGULAMASI, Postgraduate, E.TERZİOĞLU(Student), 2023
Akman G., KURUMSAL KAYNAK PLANLAMA VE VERİ GÖRSELLEŞTİRME TEKNOLOJİSİ: MÜŞTERİ İLİŞKİ ANALİZİ, Postgraduate, S.Er(Student), 2023
Akman G., Bir Aydınlatma Firmasında Endüstri 4.0'ın uygulamalarında Karşılaşılan Zorlukların Çok Kriterli Karar Verme Yöntemleri ile Analizi , Postgraduate, S.Utku(Student), 2023
Akman G., Dijitalleşmenin firmanın İnovasyon Performansı Üzerindeki Etkileri, Postgraduate, C.Emre(Student), 2021
Akman G., TOPLAM KALİTE YÖNETİMİNİN ENDÜSTRİ 4.0 BİLEŞENLERİ İLE ETKİLEŞİMİNİN ANALİZİ, Doctorate, Ş.Kamile(Student), 2021
Akman G., OHSAS 18001 İş Sağlığı ve Güvenliği Yönetim Sistemleri ve Bir Elektronik Firmasında Uygulanması,

Postgraduate, B.Önbey(Student), 2019

Akman G., Kuruluş Yeri Seçimi Problemlerinde Çok Ölçütlü Karar Verme Tekniklerinin Kullanılması: Barışı Destekleme Harekatı Örneği, Postgraduate, U.Emre(Student), 2018

Akman G., Verimsiz Bir Üretim Hattının AHP ve Değer Akışı ile İyileştirilmesi, Postgraduate, G.Sedefoğlu(Student), 2018

Akman G., Firmaların Eko İnovasyona Dayalı Sürdürülebilir Performanslarının İncelenmesinde Bir Model Önerisi, Doctorate, B.Aksu(Student), 2018

Akman G., Çok Kriterli Karar Verme Yöntemleri İle Beyaz Eşya Sektöründe Endüstri 4.0 Dijital Dönüşüm Yetkinlik Analizi, Postgraduate, Z.Kökümer(Student), 2018

Akman G., PROTOTİPTEN SERİ ÜRETİME GEÇİŞTE TEDARİK ZİNCİRİ TASARIMI, Postgraduate, Ç.Pamuk(Student), 2015

Akman G., Risk ve Hız Pespektiflerini İçeren Geliştirilmiş bir Balanced Scorecard Modeli Önerisi, Doctorate, H.Turan(Student), 2014

Akman G., Kısıtlar Teorisi düşünce süreçleri Yaklaşımı ile Ağaç Endüstrisinde Lojistik Süreçlerinin İyileştirilmesi, Postgraduate, F.Çolak(Student), 2013

Akman G., Ürün Geliştirmede Bulanık Kalite Fonksiyonu Göçerimi Endüstriyel Bir Uygulama, Postgraduate, H.Eskioğlu(Student), 2012

Akman G., BİSTATİK VE MULTİSTATİK SUALTI SENSÖR AĞLARININ OPTİMİZASYONU, Doctorate, M.Karataş(Student), 2012

Akman G., Tedarikçi performansının değerlendirilmesinde Bütünleşik bir çok kriterli karar modeli, Postgraduate, H.Pişkin(Student), 2010

Akman G., Bir otomotiv firmasının ihracat dağıtım merkezinde milk run sisteminin kurulması, Postgraduate, Ö.Demir(Student), 2010

Akman G., Otomotiv yan sanayinde Kalite yönetim sisteminin etkinliğinin değerlendirilmesine yönelik bir saha araştırması, Postgraduate, Ö.Aydmer(Student), 2010

Akman G., Yeni Ürün Geliştirme Sürecinde Tedarikçi Bütünleşmesinin TOPSIS yöntemi ile değerlendirilmesi, Postgraduate, F.Mine(Student), 2008

Akman G., Yerel Alan İnternet Bağlantılarında Güvenliğin Sağlanmasında Kısıtlar Teorisinin Düşünce Süreçlerinin Kullanılması, Postgraduate, Ö.Ural(Student), 2007

Akman G., ISO9001:200 Kalite Yönetim Sisteminin Kurumsal Kaynak Planlaması Sürecine Etkilerinin İncelenmesi, Postgraduate, S.Emre(Student), 2007

Advising Graduates (Non-Thesis)

, Akman G., Kadın ve Erkeklerin Girişimcilikteki Rolü, Masters (Non-Thesis), B.Torun(Student), 2021

Akman G., KORDBEZİ ÜRETİM İŞLETMESİNDE ÜRÜN ÖZELLİKLERİNİN İSTATİKSEL PROSES KONTROL YÖNTEMİ İLE TAKİBİ, Masters (Non-Thesis), Ö.Bostan(Student), 2020

Akman G., Proje Adı Geri Dönüşüm Tesisinin Kurulması Analitik Hiyerarşi Süreci ve TOPSIS ile Yer belirleme, Masters (Non-Thesis), C.Gürsucu(Student), 2019

Akman G., MARKA YÖNETİMİ VE MARKA BAĞLILIĞININ SATIN ALMA DAVRANIŞI ÜZERİNE ETKİLERİ: BİR UYGULAMA, Masters (Non-Thesis), E.Tomrun(Student), 2019

Akman G., TEDARİK ZİNCİRİ YÖNETİMİ VE ANALATİK HİYERARŞİ PROSESİNDE UYGULAMA, Masters (Non-Thesis), K.altıntaş(Student), 2019

Jury Memberships

Doctoral Examination, Doctoral Examination, Kocaeli Üniversitesi, June, 2024

Doctoral Examination, Doctoral Examination, Kocaeli Üniversitesi, June, 2024

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, İstanbul Gedik Üniversitesi, April, 2024

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Kocaeli

Üniversitesi, April, 2024
Post Graduate, Post Graduate, Kocaeli Üniversitesi, February, 2024
Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Kocaeli Üniversitesi, February, 2024
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Altınbaş Üniversitesi, February, 2024
Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Kocaeli Üniversitesi, January, 2024
Doctorate, Doctorate, Kocaeli Üniversitesi, January, 2024
Doctoral Examination, Doctoral Examination, Sakarya Üniversitesi, December, 2023
Doctorate, Doctorate, Kocaeli Üniversitesi, November, 2023
Doctorate, Doctorate, Kocaeli Üniversitesi, June, 2023
Doctorate, Doctorate, Kocaeli University, January, 2023
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, April, 2022
Doctorate, Doctorate, Kocaeli Üniversitesi, January, 2022
Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, July, 2021
Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, July, 2021
Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, July, 2021
Doctorate, Doctorate, Kocaeli Üniversitesi, January, 2021
Post Graduate, Post Graduate, Kocaeli Üniversitesi, January, 2021
Post Graduate, Post Graduate, Kocaeli Üniversitesi, September, 2020
Doctorate, Doctorate, Wright State University, June, 2020
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Kocaeli Üniversitesi, April, 2020
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Kocaeli Üniversitesi, April, 2020
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Samsun Üniversitesi, April, 2020
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, January, 2020
Doctorate, Doctorate, Kocaeli Üniversitesi, January, 2020
Doctoral Examination, Doctoral Examination, Sakarya Üniversitesi, November, 2019
Doctorate, Doctorate, Gebze Teknik Üniversitesi, June, 2018
Doctorate, Doctorate, Kocaeli Üniversitesi, June, 2018
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Gebze Teknik Üniversitesi, June, 2018
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Yıldız Teknik Üniversitesi, June, 2018
Doctorate, Doctorate, Yıldız Teknik Üniversitesi, June, 2018
Post Graduate, Post Graduate, Sakarya Üniversitesi, May, 2018
Doctorate, Doctorate, Kocaeli Üniversitesi, January, 2018
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, June, 2017
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, June, 2017
Post Graduate, Post Graduate, Kocaeli Üniversitesi, June, 2017
Doctorate, Doctorate, Kocaeli Üniversitesi, February, 2017
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Yıldız Teknik Üniversitesi, December, 2016
Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, November, 2016
Doctoral Examination, Doctoral Examination, Yıldız Teknik Üniversitesi, November, 2015
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, June, 2015
Doctorate, Doctorate, Kocaeli Üniversitesi, June, 2015
Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, June, 2015
Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, June, 2015
Post Graduate, Post Graduate, Kocaeli Üniversitesi, June, 2014

Doctorate, Doctorate, Kocaeli Üniversitesi, June, 2013

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, June, 2013

Doctorate, Doctorate, Kocaeli Üniversitesi, June, 2011

Post Graduate, Post Graduate, Kocaeli Üniversitesi, June, 2009

Post Graduate, Post Graduate, Kocaeli Üniversitesi, June, 2008

Taught Courses And Trainings

Akman G., Yıldız M., Şahin Y., Şahin A. E., Karabıçak Ç., Ar-ge Elemanı, 2021 - 2021

Aladağ Z., Akman G., Stratejik Yönetim Uzmanlığı, 2008 - 2008

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Veri Zarflama Analizinde istenmeyen girdi/çıkıya sahip tüm birimler için çevresel etkinlik değerlendirilmesine yeni bir model önerisi**
Ekiz Bozdemir M. K., Avcı Azkeskin S., Akman G.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.39, no.4, pp.2435-2445, 2024 (SCI-Expanded)
- II. **Assessing innovation capabilities of manufacturing companies by combination of unsupervised and supervised machine learning approaches**
AKMAN G., Yorur B., BOYACI A. İ., Chiu M.
APPLIED SOFT COMPUTING, vol.147, 2023 (SCI-Expanded)
- III. **How Eco-innovation Determinants and Eco-innovation Strategy Influences Sustainability Performance of SMEs? Mediating Role of Eco-innovation Strategy**
Aksu B., Akman G.
JOURNAL OF THE KNOWLEDGE ECONOMY, 2023 (SSCI)
- IV. **Investigating changes of total quality management principles in the context of Industry 4.0: Viewpoint from an emerging economy**
Canbay K., Akman G.
Technological Forecasting and Social Change, vol.189, 2023 (SSCI)
- V. **Evaluation of digital transformation competency in the white-goods sector in the context of Industry 4.0 by MACBETH and EDAS methods Endüstri 4.0 kapsamında beyaz eşya sektöründe dijital dönüşüm yetkinliğinin MACBETH ve EDAS yöntemleriyle değerlendirilmesi**
AKMAN G., Kökümer Z.
Journal of the Faculty of Engineering and Architecture of Gazi University, vol.38, no.4, pp.2033-2053, 2023 (SCI-Expanded)
- VI. **Determining the optimal product mix in multiple constraints manufacturing environment: an application in the textile industry**
Gulsen A., Saime T.
INDUSTRIA TEXTILA, vol.73, no.5, pp.564-573, 2022 (SCI-Expanded)
- VII. **Developing a personalized recommendation system in a smart product service system based on unsupervised learning model**
Chiu M., Huang J., Gupta S., AKMAN G.
COMPUTERS IN INDUSTRY, vol.128, 2021 (SCI-Expanded)
- VIII. **DEVELOPMENT OF A DATA-DRIVEN SMART PRODUCT SERVICE SYSTEM FRAMEWORK UTILIZING UNSURPRISED LEARNING MODEL**
Kuo T., Chiu M., Huang J., Chang C., Gupta S., Akmad G.
INTERNATIONAL JOURNAL OF INDUSTRIAL ENGINEERING-THEORY APPLICATIONS AND PRACTICE, vol.28, no.1, pp.130-147, 2021 (SCI-Expanded)

- IX. **Bistatic sonobuoy deployment strategies for detecting stationary and mobile underwater targets**
KARATAŞ M., Craparo E., AKMAN G.
NAVAL RESEARCH LOGISTICS, vol.65, no.4, pp.331-346, 2018 (SCI-Expanded)
- X. **Evaluating suppliers to include green supplier development programs via fuzzy c-means and VIKOR methods**
AKMAN G.
COMPUTERS & INDUSTRIAL ENGINEERING, vol.86, pp.69-82, 2015 (SCI-Expanded)
- XI. **Fuzzy multi criteria decision making approach to innovative strategies based on Miles and Snow typology**
AKMAN G., Ozcan B., HATİPOĞLU T.
JOURNAL OF INTELLIGENT MANUFACTURING, vol.26, no.3, pp.609-628, 2015 (SCI-Expanded)
- XII. **A TOOL FOR PRODUCT DEVELOPMENT PERFORMANCE MONITORING (PDPM) FOR ALIGNMENT WITH COMPETITIVE PRIORITIES**
Kremer G. E. O., AKMAN G.
INTERNATIONAL JOURNAL OF INFORMATION TECHNOLOGY & DECISION MAKING, vol.12, no.6, pp.1333-1360, 2013 (SCI-Expanded)
- XIII. **Assessment of model validity of analytic network process using structural equations modelling: an application of supplier evaluation problem**
Yulugkural Y., YÖRÜR B., AKMAN G., ALADAĞ Z.
EUROPEAN JOURNAL OF INDUSTRIAL ENGINEERING, vol.7, no.1, pp.55-77, 2013 (SCI-Expanded)
- XIV. **Practicing theory of constraints thinking processes to develop distance education system**
Tekin V. N., Şenol L., Akman G.
Energy Education Science And Technology Part B-Social And Educational Studies, no.3, pp.933-938, 2012 (SSCI)
- XV. **Empirical study of public sector employee loyalty and satisfaction**
TÜRKYILMAZ A., AKMAN G., ÖZKAN C., Pastuszak Z.
INDUSTRIAL MANAGEMENT & DATA SYSTEMS, vol.111, pp.675-696, 2011 (SCI-Expanded)
- XVI. **Fuzzy adaptive resonance theory approach to supplier involvement in product development: a case study in Turkish automobile industry**
Ozkan C., AKMAN G., Keskin G. A., Otkur F. M.
EUROPEAN JOURNAL OF INDUSTRIAL ENGINEERING, vol.5, no.1, pp.43-63, 2011 (SCI-Expanded)
- XVII. **EFFECTING FACTORS OF CUSTOMER SATISFACTION AT SUPPLY CHAIN CONTEXT: AN EMPIRICAL INVESTIGATION AT TURKISH MANUFACTURING INDUSTRY**
Ozkan C., AKMAN G., Ozcan B.
INTERNATIONAL JOURNAL OF INDUSTRIAL ENGINEERING-THEORY APPLICATIONS AND PRACTICE, vol.17, no.4, pp.287-299, 2010 (SCI-Expanded)

Articles Published in Other Journals

- I. **Analysis of Difficulties Influencing Successful Adoption to Industry 4.0 in Turkish White-Goods Industry Using a Integrated MCDM Model**
Akman G., Boyacı A. I.
JOURNAL OF POLYTECHNIC-POLITEKNIK DERGISI, vol.22, no.UNDER PRESS, pp.1-20, 2024 (ESCI)
- II. **Evaluating the challenges encountered in the white goods industry in the adaptation process to industry 4.0 via a hybrid MCDM model**
Akman G., Boyacı A. İ.
JOURNAL OF POLYTECHNIC-POLITEKNIK DERGISI, 2024 (ESCI)
- III. **A Cluster Analysis of Renewable Electricity Generation Policies in Asian Region Countries Using SPSS Software**
Harameen H. M. A., Akman G.
International Journal of Management Academy (Uluslararası Yönetim Akademisi Dergisi), vol.6, no.2, pp.357-375,

2023 (Peer-Reviewed Journal)

- IV. **Selecting the Suitable E-Commerce Marketplace with Neutrosophic fuzzy AHP and EDAS methods from sellers perspective in the context of COVID-19**
Akman G., Boyacı A. I., Kurnaz S.
International Journal of Analytical Hierarchy Process, vol.14, no.3, pp.1-36, 2022 (Peer-Reviewed Journal)
- V. **Investigation of Factors Affecting Labor Productivity in Manufacturing Industry by Structural Equation Modelling: Kocaeli Example**
Tekin V. N., Yıldız Kumru P., Akman G.
Journal of Current Research on Social Sciences (JoCreSS), vol.12, no.2, pp.105-120, 2022 (Peer-Reviewed Journal)
- VI. **EVALUATION OF THE NEW BALANCED SCORECARD STRUCTURE VIA DESIGN OF EXPERIMENT: A CASE STUDY IN IT DEPARTMENTS OF BANKS**
Turan H., Akman G., Aladağ Z.
MMO Endüstri Mühendisliği Dergisi, vol.33, no.2, pp.1-22, 2022 (Peer-Reviewed Journal)
- VII. **Konjoint analizi ile Kocaeli ilinde konut seçiminin incelenmesi**
Akman G., Şimşek L.
Nigde Omer Halisdemir University Journal of Engineering Sciences, vol.11, no.3, pp.620-625, 2022 (Peer-Reviewed Journal)
- VIII. **SELECTING THE SUITABLE E-COMMERCE MARKETPLACE WITH NEUTROSOPHIC FUZZY AHP AND EDAS METHODS FROM THE SELLER'S PERSPECTIVE IN THE CONTEXT OF COVID-19**
AKMAN G., BOYACI A. İ., Kurnaz S.
International Journal of the Analytic Hierarchy Process, vol.14, no.3, 2022 (Scopus)
- IX. **Yeni Ürün Geliştirme Sürecinde Bulanık AHP & Oreste Bütünleşik Yöntemi ile Tedarikçi Seçimi ve Savunma Sanayii'nde Bir Uygulama**
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- XV. **Kurumsal Kaynak Planlama Ve Veri Görselleştirme Teknolojisi: Müşteri İlişki Analizi**
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- XVI. **Clustering OECD Countries According to CO2 Emissions By WARD Method**
Akman G., Demirel E., Boyacı A. İ.
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Canbay Ş., Akman G.
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- XXV. **Dijitalleşmenin Salgın Hastalık Gölgesinde Jenerasyon Farkıyla Değerlendirilmesi**
Aktürk E., Akman G.
Yönetim Araştırmaları / Mühendislik Uygulamaları Sempozyumu, İstanbul, Turkey, 2 - 03 April 2021, pp.226
- XXVI. **Yapay Sinir Ağları İle Talep Tahmini: Otomobil Satışları İçin YSA Uygulaması**
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- XXXIV. **Determination of Outliers for Effective Forecasting of Production Amounts: A Case Study for Automotive Industry**
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- XXXVII. **İşletmelerin Eko-Yetenekleri ve Eko-İnovatif İşbirliklerinin Sürdürülebilir Performanslarına Etkisi**
AKSU B., AKMAN G.
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- XLIII. **Performans Değerlendirme: 360 derece performans değerlendirme yöntemi kullanılarakFirmaların karşılaştırılması**
ÖZCAN B., AKMAN G., BEKAR E., ÇAKICI M.
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- XLVI. Evaluating Green Capabilities Of Manufacturing Companies**
AKMAN G., ÖZCAN B., KARABIÇAK Ç.
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- XLVII. Kümeleme Analizi Yardımıyla OECD Ülkelerinin Yeşil Büyüme Göstergelerine Göre Değerlendirilmesi**
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Yörür B., Akman G.
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Supported Projects

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Aladağ Z., Akman G., Karabıçak Ç., Avcı S., Project Supported by Other Private Institutions, AKTÜL A.Ş. ABC ANALİZİ VE EMNİYET STOKLARININ BELİRLENMESİ PROJESİ, 2017 - 2018

Akman G., Karabıçak Ç., Project Supported by Other Private Institutions, Faruk Yalçın Zoo Hayvanat Bahçesi'nde da Markalaşma ve Satış Süreçlerinin İyileştirilmesi Projesi, 2016 - 2016

Canbay K., Akman G., FP1 Project, WINGS Elevating Woman Entrepreneurship Initiatives for Generating Sustainable Impact and Networks, 2014 - 2016

AKMAN G., Project Supported by Higher Education Institutions, ENDÜSTRİ MÜHENDİSLİĞİ BİLGİSAYAR DESTEKLİ ÜRETİM LABORATUARININ ALT YAPISININ GÜÇLENDİRLMESİ, 2014 - 2015

Bütün G., Kırşavoğlu S., Öztürk A., Akman G., FP1 Project, IVOC International Supporting Network for Vocational and Academic Staff, 2012 - 2014

Akman G., Lecocq N., Erasmus Project, Intensive Program on Sustainability Management and Technology, 2012 - 2012

Düz E., Karademir A., Akman G., Aksu B., Other International Funding Programs, Green Kocaeli Projesi, 2012 - 2012

AKMAN G., Project Supported by Higher Education Institutions, Türk İmalat sektöründe firmaların yenilik yeteneklerinin ölçülmesine yönelik bir model önerisi: çokuluslu ve yerel şirketlerin karşılaştırılması(Bahadır YÖRÜR Tez Projesi), 2010 - 2012

Kremer G., Akman G., Chiu M. C., Universities of Other Countries Supported Project, Collaborative Research Cost and Sustainability Trade off Analysis for Product Design Manufacturing Supply Chain Management Dependencies, 2010 - 2011

Mert Z. G., Akman G., Project Supported by Higher Education Institutions, Eko-Endüstriyel Bölgeler Geliştirme Projesi, 2009 - 2011

Demir A., Öztürk İ. T., Akman G., Mert Z. G., Chamber / Union / Professional Association, Kocaeli Endüstriyel Dönüşüm, 2008 - 2009

Activities in Scientific Journals

INFORMATION SYSTEM AND SMART CITY, Assistant Editor/Section Editor, 2023 - Continues

SAGE OPEN, Assistant Editor/Section Editor, 2023 - Continues

Memberships / Tasks in Scientific Organizations

Yöneylem Araştırmaları Derneği, Member, 2021 - Continues, Turkey

MMO-Endüstri Mühendisliği Meslek Dalı Komisyonu, Vice President, 2020 - Continues, Turkey

MMO-AR-GE VE TEKNOLOJİ KOMİSYONU, Member, 2020 - Continues, Turkey

MMO Kocaeli Şubesi, Member of Advisory Board, 2014 - Continues, Turkey

MMO Kocaeli Şubesi, Board Member, 2000 - 2002, Turkey

Scientific Refereeing

SAGE OPEN, SCI Journal, June 2024

IEEE TRANSACTIONS ON ENGINEERING MANAGEMENT, SCI Journal, June 2024

IEEE TRANSACTIONS ON ENGINEERING MANAGEMENT, Journal Indexed in SCI-E, May 2024
International Journal of Sustainable Agricultural Management and Informatics, Other Indexed Journal, May 2024
NATURAL RESOURCES FORUM, Journal Indexed in SCI-E, May 2024
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Business and Economics Research Journal, Other Indexed Journal, July 2023
Project Supported by Higher Education Institutions, BAP Research Project, Recep Tayyip Erdogan University, Turkey, July 2023
INTERNATIONAL JOURNAL OF FUZZY SYSTEMS, SCI Journal, June 2023
EUROPEAN JOURNAL OF INNOVATION MANAGEMENT, SCI Journal, May 2023
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INTERNATIONAL JOURNAL OF MANAGEMENT PRACTICE, Other Indexed Journal, April 2023
Int. J. of Sustainable Agricultural Management and Informatics, Journal Indexed in ESCI, April 2023
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International Journal of Management and Enterprise Development, Other Indexed Journal, February 2023
JOURNAL OF THE FACULTY OF ECONOMICS AND ADMINISTRATIVE SCIENCES OF THE KIRKLARELI UNIVERSITY, National Scientific Refreed Journal, February 2023
SOCIO-ECONOMIC PLANNING SCIENCES, SCI Journal, August 2022
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Niğde Ömer Halisdemir Üniversitesi Mühendislik Bilimleri Dergisi, Other Journals, January 2022
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European Journal of Operation Research, SCI Journal, June 2016
JOURNAL OF CLEANER PRODUCTION, SCI Journal, May 2016
Project Supported by Higher Education Institutions, BAP PhD, Hitit University, Turkey, May 2016
EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, SCI Journal, March 2016
SUPPLY CHAIN MANAGEMENT-AN INTERNATIONAL JOURNAL, SCI Journal, January 2016
INDUSTRIAL MANAGEMENT & DATA SYSTEMS, Journal Indexed in SSCI, December 2015
Supply Chain Management-An International Journal, SCI Journal, October 2015
Project Supported by Higher Education Institutions, BAP Research Project, Gebze Technical University, Turkey, May 2015
SUPPLY CHAIN MANAGEMENT-AN INTERNATIONAL JOURNAL, SCI Journal, April 2015
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INDUSTRIAL MANAGEMENT & DATA SYSTEMS, Journal Indexed in SSCI, March 2015
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SUPPLY CHAIN MANAGEMENT-AN INTERNATIONAL JOURNAL, SCI Journal, November 2012
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INDUSTRIAL MANAGEMENT SYSTEMS, Journal Indexed in SSCI, June 2011
SUPPLY CHAIN MANAGEMENT-AN INTERNATIONAL JOURNAL, SCI Journal, May 2011
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Kalasalıngam Academy Research and eEducation, Project Consultancy, Kocaeli University, Mühendislik Fakültesi, Endüstri Mühendisliği, Turkey, 2022 - 2023
Kalasalıngam Academy of Research and Education , Project Consultancy, Kocaeli University, Mühendislik Fakültesi, Endüstri Mühendisliği, Turkey, 2021 - 2022
KOSGEB, Scientific Consultancy, Kocaeli University, Mühendislik Fakültesi, Endüstri Mühendisliği, Turkey, 2013 - 2014

Tasks In Event Organizations

Akman G., 9th Annual International Conference on Network and Information Systems for Computers [ICNISC 2022], Scientific Congress, Turkey, Eylül 2023
Akman G., 6th International Communication, Economics and Organization and Social Sciences Congress (CEOSSC), Scientific Congress, United States Of America, Haziran 2023
Akman G., iSCSi – International Conference on Industry Science and Computer Sciences Innovation - 2023 Edition, Scientific Congress, Lisbon, Portugal, Mayıs 2023
Akman G., Vasile Aşecsandri” University of Bacau Doctoral School Days-Innovation and Doctoral Research , Science / Art Camp or Summer School Organization, Bacau, Romania, Mayıs 2023
Akman G., 12th International Conference on Operations Research and Enterprise Systems (ICORES), Scientific Congress, Lisbon, Portugal, Şubat 2023
Akman G., 5th International CEO and Social Sciences Congress (CEOSSC), Scientific Congress, Indonesia, Aralık 2022
Akman G., 2 nd International Congress on Multidisciplinary Natural Sciences and Engineering, Scientific Congress, Ankara, Turkey, Aralık 2022
Akman G., 2022 IEEE International Conference on Technology Management, Operations and Decisions (IEEE ICTMOD 2022) , Scientific Congress, Marrakush, Morocco, Kasım 2022
Akman G., 8th Annual International Conference on Network and Information Systems for Computers [ICNISC 2022], Scientific Congress, Hangzhou, China, Eylül 2022
Akman G., 4rd Communication, Economics and Organization Congress, Scientific Congress, Kyrgyzstan, Mayıs 2022
Akman G., Gelenbe E., iSCSi – International Conference on Industry Science and Computer Sciences Innovation - 2022 Edition, Scientific Congress, Portugal, Mart 2022
Akman G., 3rd Communication, Economics and Organization Congress, Scientific Congress, Dnipropetrovsk, Ukraine, Aralık 2021
Akman G., 2021 IEEE International Conference on Technology Management, Operations and Decisions (ICTMOD), Scientific Congress, Morocco, Kasım 2021
Akman G., 8th Annual International Conference on Information Technology and Applications [ITA2021], Scientific Congress, China, Eylül 2021
Akman G., ISENSA 2021, Scientific Congress, Kocaeli, Turkey, Mayıs 2021
Akman G., International Conference on Economic Science and Management Reform [ESMR2021], Scientific Congress, Changsha, China, Ocak 2021
Akman G., sustainability Management and Technology- Intensive Program, Science / Art Camp or Summer School Organization, Lille, France, Haziran 2012
Akman G., MMO Endüstri-İşletme Mühendisliği Kurultayı, Scientific Congress, Sakarya, Turkey, Kasım 2009
Akman G., 26. Yöneylem Araştırması ve Endüstri Mühendisliği Kongresi, Scientific Congress, Kocaeli, Turkey, Temmuz 2006

Scientific Research / Working Group Memberships

Adaps-Türkiye, Kocaeli University, Türkiye, <https://avesis.kocaeli.edu.tr/arastirma-grubu/adapsturkiye>, 2023 - Continues
Adaps Group, Pennsylvania State University University College Park Campus, Amerika Birleşik Devletleri, <https://www.facebook.com/groups/113373055372231/>, 2009 - 2016

Mobility Activity

Other, Seminar, Universitatea „Vasile Alecsandri” din Bacău, Romania, 2023 - 2023
Erasmus Programme, Lecturing, Universitat de Pitesti, Romania, 2022 - 2022
Bilateral Colloboration Agreement, Workshop, Universite D Artois, France, 2015 - 2015
Erasmus Programme, Lecturing, Fachhochschule Deggendorf, Germany, 2014 - 2014
Bilateral Colloboration Agreement, Workshop, Universite D Artois, France, 2013 - 2013
AB Social Responsibility Project, Get Education, Sofya Teknik Üniversitesi, Bulgaria, 2013 - 2013
Erasmus Programme, Lecturing, University of Bacau, Romania, 2013 - 2013
Learning Mobility Of Individuals In Youth Field, Lecturing, Universite D Artois, France, 2012 - 2012
Bilateral Colloboration Agreement, Workshop, Universite D Artois, France, 2011 - 2011
Post Doc, Post Doc, Pennsylvania State University, United States Of America, 2010 - 2010

Metrics

Publication: 169
Citation (WoS): 319
Citation (Scopus): 657
H-Index (WoS): 6
H-Index (Scopus): 8

Congress and Symposium Activities

OPROTEH 2024, Invited Speaker, Bacau, Romania, 2024
Kocaeli Kent Forumu, Moderator, Kocaeli, Turkey, 2023
6. INTERNATIONAL MARMARA SCIENTIFIC RESEARCH AND INNOVATION CONGRESS, Moderator, İstanbul, Turkey, 2023
International 7. CEO (Communication, Economics, Organization) Social Sciences Congress, Session Moderator, Toskent, Uzbekistan, 2023
18th International Conference of Constructive Design and Technological Optimization in Machine Building, Invited Speaker, Bacau, Romania, 2023
OPROTEH 2023, Invited Speaker, Bacau, Romania, 2023
International 6. CEO (Communication, Economics, Organization) Social Sciences Congress, Session Moderator, Udaipur, India, 2022
YARATICI PROBLEM ÇÖZME TEORİSİ TRİZ EĞİTİMİ , Audience, Kocaeli, Turkey, 2022
7th INTERNATIONAL ZEUGMA CONFERENCE ON SCIENTIFIC RESEARCH, Session Moderator, Gaziantep, Turkey, 2022
International CEO (Communication, Economics, Organization) Social Sciences Congress, Session Moderator, Kyiv, Ukraine, 2021
INTERNATIONAL ASIAN CONGRESS ON CONTEMPORARY SCIENCES-V, Session Moderator, Nakhchivan, Azerbaijan, 2021
International CEO Social Sciences Congress, Attendee, Gorazhde, Bosnia And Herzegovina, 2020
ICINSE, Panelists, Kyiv, Ukraine, 2018
BAYS Bilimsel Araştırmalar Yaz Seminerleri, Audience, Trabzon, Turkey, 2015
44th International Conference on Computers and Industrial Engineering & 9th International Symposium on Intelligent Manufacturing and Service Systems, Panelists, İstanbul, Turkey, 2014
CIE'44 International Conference on Computers&Industrial Engineering, Session Moderator, İstanbul, Turkey, 2014

Invited Talks

18th International Conference of Constructive Design and Technological Optimization in Machine Building, Conference,

vasile Alexandri University of Bacau, Romania, April 2023

Doctoral School Days Innovation and Doctoral Research, Workshop, Vasili Alexandra University of Bacau, Romania, April 2023

Scholarships

Üniversite eğitim bursu , University, 1991 - 1993

Awards

Akman G., Boyacı A. İ., Yayın Teşvik Ödülü, Tubitak, September 2024

Akman G., Aksu B., Yayın Teşvik Ödülü, Tubitak, October 2023

Akman G., Hökümer Z., Akademik Yayın Teşvik Ödülü, Tubitak, October 2023

Akman G., TUBITAK Yayın Teşvik Ödülü 2021, Tubitak, December 2021

Akman G., Türkiye Akademik Performans Analizi-2021, Doi: 10.13140/Rg.2.2.35576.37127/2, March 2021

Akman G., Başarı Belgesi, Kocaeli Üniversitesi Rektörlüğü, March 2019

Akman G., Meslekte 25.yıl, Makina Mühendisleri Odası, December 2018

Akman G., Özkan C., Outstanding Paper Award Winner at the Literati Network Awards for Excellence 2012, Emerald Literati Network, February 2012

Akman G., Tübitak Akademik Yayın Teşvik Ödülü, Tubitak, September 2011

Akman G., TUBITAK Yayın Teşvik Ödülü, Tubitak, August 2011

Akman G., Başarı Belgesi, Kocaeli Üniversitesi, February 2005

Representation and Promotion Activities

Institutional Representation, University of Artois, France, Arras, 2015 - 2015

Institutional Representation, University of Artois, France, Arras, 2013 - 2013

Institutional Representation, University of Artois QLIO IUT Bethune, France, Arras, 2012 - 2012

Institutional Promotion, University of Artois, France, Lille, 2011 - 2011

Non Academic Experience

Çelik Halat ve Tel AŞ.

Paksan AŞ.

Çamlıca İnşaat AŞ.

D-Kare AŞ.