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### Öğrenim Bilgisi

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2005 - 2010

İstanbul Teknik Üniversitesi, Fen Bilimleri, Endüstri Mühendisliği, Türkiye

Yüksek Lisans  
2001 - 2004

Karadeniz Teknik Üniversitesi, Fen Bilimleri, Makina Mühendisliği, Türkiye

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1996 - 2000

Karadeniz Teknik Üniversitesi, Mühendislik Mimarlık Fakültesi, Makina  
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### Yaptığı Tezler

Doktora, Aksiyomlarla Tasarım Esaslı Bulanık Karar Destek Sistemi Geliştirme ve Bir Uygulama, İstanbul Teknik Üniversitesi, Fen Bilimleri, Endüstri Mühendisliği, 2010

Yüksek Lisans, Kalite Kontrol Ölçütlerinin Seçimi için Bir Uzman Sistem Geliştirme, Karadeniz Teknik Üniversitesi, Fen Bilimleri, Makina Mühendisliği, 2004

## Akademik Unvanlar / Görevler

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Prof. Dr.

2019 - Devam Ediyor

Yıldız Teknik Üniversitesi, Makine Fakültesi, Endüstri Müh.Bölümü

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Araştırma Görevlisi

2005 - 2010

İstanbul Teknik Üniversitesi, İşletme Fakültesi, Endüstri Mühendisliği Bölümü

## SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- A novel approach for multi-criteria decision making: Extending the WASPAS method using decomposed fuzzy sets**  
Arslan Ö., ÇEBİ S.  
Computers and Industrial Engineering, cilt.196, 2024 (SCI-Expanded)
- Development of a decision support system for client acceptance in independent audit process**  
ÇEBİ S., Karakurt N. F., Kurtulus E., Tokgoz B.  
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- Prioritizing EU Projects by Using Decomposed Fuzzy AHP and TOPSIS**  
Çevik Onar S., ÇEBİ S., Öztayşi B., Kahraman C.  
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- Evaluation of sustainable energy planning scenarios with a new approach based on FCM, WASPAS and impact effort matrix**  
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ENVIRONMENT DEVELOPMENT AND SUSTAINABILITY, cilt.25, sa.10, ss.11931-11955, 2023 (SCI-Expanded)
- Risk Analysis in the Food Cold Chain Using Decomposed Fuzzy Set-Based FMEA Approach**  
Arslan Ö., Karakurt N., Cem E., ÇEBİ S.  
Sustainability (Switzerland), cilt.15, sa.17, 2023 (SCI-Expanded)
- Intuitionistic Fuzzy Sets with Ordered Pairs and Their Usage in Multi-Attribute Decision Making: A Novel Intuitionistic Fuzzy TOPSIS Method with Ordered Pairs**  
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Mathematics, cilt.11, sa.18, 2023 (SCI-Expanded)
- Consideration of reciprocal judgments through Decomposed Fuzzy Analytical Hierarchy Process: A case study in the pharmaceutical industry**

- ÇEBİ S., Gündoğdu F. K., Kahraman C.  
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9. **Customer-oriented product design using an integrated neutrosophic AHP & DEMATEL & QFD methodology**  
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10. **A new model for the occupational health and safety risk assessment process: Neutrosophic FMEA**  
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11. **Operational risk analysis in business processes using decomposed fuzzy sets**  
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ÇINAR U., ÇEBİ S.  
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, cilt.42, sa.1, ss.517-528, 2022 (SCI-Expanded)
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İLBAHAR E., ÇEBİ S., Kahraman C.  
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14. **Risk assessment of renewable energy investments: A modified failure mode and effect analysis based on prospect theory and intuitionistic fuzzy AHP**  
İLBAHAR E., Kahraman C., ÇEBİ S.  
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15. **Location selection for waste-to-energy plants by using fuzzy linear programming**  
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16. **Extension of safety and critical effect analysis to neutrosophic sets for the evaluation of occupational risks**  
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17. **A Multi-criteria Assessment of Biomass Conversion Technologies with Pythagorean Fuzzy Axiomatic Design Approach**  
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Uzun I. M., ÇEBİ S.  
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İLBAHAR E., ÇEBİ S., Kahraman C.  
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Kayhan B. M., Çebi S., Kahraman C.  
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25. **A novel approach to risk assessment for occupational health and safety using Pythagorean fuzzy AHP & fuzzy inference system**  
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32. **A phase of comprehensive research to determine marine-specific EPC values in human error assessment and reduction technique**  
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34. **AN EFFECTIVE RISK-PREVENTIVE MODEL PROPOSAL FOR OCCUPATIONAL ACCIDENTS AT SHIPYARDS**  
Acuner O., Çebi S.  
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35. **A new evaluation model for service quality of health care systems based on AHP and information axiom**  
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KAFALI M., ÖZKÖK M., ÇEBİ S.  
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Journal of Intelligent and Fuzzy Systems, cilt.26, sa.2, ss.781-791, 2014 (SCI-Expanded)
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Journal of Intelligent and Fuzzy Systems, cilt.26, sa.2, ss.961-973, 2014 (SCI-Expanded)
39. **Evaluation of design parameters for vessel engine room by using a modified QFD technique**  
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40. **Using multi attribute choquet integral in site selection of wind energy plants: The case of turkey**  
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41. **Developing a Smart Clothing System for Blinds Based on Information Axiom**  
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42. **A quality evaluation model for the design quality of online shopping websites**  
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43. **Group Decision Making for Advanced Manufacturing Technology Selection Using the Choquet Integral**  
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44. **Determining importance degrees of website design parameters based on interactions and types of websites**  
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Decision Support Systems, cilt.54, sa.2, ss.1030-1043, 2013 (SCI-Expanded)
45. **Fuzzy multi-criteria and multi-experts evaluation of government investments in higher education: the case of Turkey**  
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46. **An axiomatic decision aid for marine equipment selection in ship machinery design and installation projects**  
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Journal of Multiple-Valued Logic and Soft Computing, cilt.17, sa.4, ss.387-405, 2011 (SCI-Expanded)
49. **Fuzzy multicriteria group decision making for real estate investments**  
Cebi S., Kahraman C.  
Proceedings of the Institution of Mechanical Engineers. Part I: Journal of Systems and Control Engineering, cilt.224, sa.4, ss.457-470, 2010 (SCI-Expanded)
50. **Extension of axiomatic design principles under fuzzy environment**  
Cebi S., Kahraman C.  
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51. **Structuring ship design project approval mechanism towards installation of operator-system interfaces via fuzzy axiomatic design principles**  
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- Information Sciences, cilt.180, sa.6, ss.886-895, 2010 (SCI-Expanded)
52. **Developing a group decision support system based on fuzzy information axiom**  
Cebi S., Kahraman C.  
Knowledge-Based Systems, cilt.23, ss.3-16, 2010 (SCI-Expanded)
  53. **Determining design characteristics of automobile seats based on fuzzy axiomatic design principles**  
Cebi S., Kahraman C.  
International Journal of Computational Intelligence Systems, cilt.3, ss.43-55, 2010 (SCI-Expanded)
  54. **Indicator design for passenger car using fuzzy axiomatic design principles**  
Cebi S., Kahraman C.  
Expert Systems with Applications, cilt.37, ss.6470-6481, 2010 (SCI-Expanded)
  55. **Applications of axiomatic design principles: A literature review**  
Kulak O., Cebi S., Kahraman C.  
Expert Systems with Applications, cilt.37, ss.6705-6717, 2010 (SCI-Expanded)
  56. **An integrated fuzzy QFD model proposal on routing of shipping investment decisions in crude oil tanker market**  
Çelik M., Cebi S., Kahraman C., Er I. D.  
Expert Systems with Applications, cilt.36, ss.6227-6235, 2009 (SCI-Expanded)
  57. **Application of axiomatic design and TOPSIS methodologies under fuzzy environment for proposing competitive strategies on Turkish container ports in maritime transportation network**  
Çelik M., Cebi S., Kahraman C., Er I.  
Expert Systems with Applications, cilt.36, ss.4541-4557, 2009 (SCI-Expanded)
  58. **A comparative analysis for multiattribute selection among renewable energy alternatives using fuzzy axiomatic design and fuzzy analytic hierarchy process**  
Kahraman C., Kaya I., Cebi S.  
Energy, cilt.34, sa.10, ss.1603-1616, 2009 (SCI-Expanded)
  59. **Analytical HFACS for investigating human errors in shipping accidents**  
Çelik M., Cebi S.  
Accident Analysis and Prevention, cilt.41, sa.1, ss.66-75, 2009 (SSCI)
  60. **A new multi-attribute decision making method: Hierarchical fuzzy axiomatic design**  
Kahraman C., Çebi S.  
Expert Systems with Applications, cilt.36, ss.4848-4861, 2009 (SCI-Expanded)
  61. **Fuzzy axiomatic design-based performance evaluation model for docking facilities in shipbuilding industry: The case of Turkish shipyards**  
Çelik M., Kahraman C., Cebi S., Er I. D.  
Expert Systems with Applications, cilt.36, sa.1, ss.599-615, 2009 (SCI-Expanded)

## Diğer Dergilerde Yayınlanan Makaleler

1. **Ranking of factors affecting pricing in construction projects by intuitionistic fuzzy analytic hierarchy process with ordered pairs**  
ÇEBİ S., Kahraman C., Onar S. Ç., Öztayşi B.  
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2. **Performance measurement using intuitionistic fuzzy sets: A case study from debt collection centers**  
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4. **Preface**  
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5. **Preface**  
Kahraman C., Sari I. U., Öztayşi B., ÇEBİ S., Onar S. C., TOLGA A. Ç.  
Lecture Notes in Networks and Systems, cilt.758 LNNS, 2023 (Scopus)
  6. **Preface**  
Kahraman C., Sari I. U., Öztayşi B., ÇEBİ S., Onar S. C., TOLGA A. Ç.  
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  7. **MAKİNE TABANLI DİNAMİK RİSK ANALİZİ İÇİN BİR KARAR DESTEK SİSTEMİ GE-LİŞTİRME**  
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  8. **KAPASİTE KISITLI ARAÇ ROTALAMA PROBLEMİ İÇİN SEZGİSEL YÖNTEMLER: E-TİCARET TEDARİKÇİLERİNE YÖNELİK BİR UYGULAMA**  
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  9. **Analysis of Parameters Affecting The Smart Phone Design By Using Fuzzy Kano Model**  
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## Kitap & Kitap Bölümleri

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2. **Assessment of COVID-19 Transmission Risk Through Fuzzy Inference System; an Application for Mining Activities**  
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3. **Bulanık Analitik Hiyerarşi Prosesi: Buckley AHP ve Proje Risk Yönetimine Uygulanması**

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4. **Customer Oriented Product Design: Intelligent and Fuzzy Techniques**  
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2017 - 2020	<b>Enstitü Müdür Yardımcısı</b>	Yıldız Teknik Üniversitesi, Fen Bilimleri Enstitüsü
2016 - 2017	<b>Bölüm Başkan Yardımcısı</b>	Yıldız Teknik Üniversitesi, Endüstri Mühendisliği
2016 - 2017	<b>Uygulama ve Araştırma Merkezi Yönetim Kurulu Üyesi</b>	Yıldız Teknik Üniversitesi, Makine Fakültesi, Endüstri Müh.Bölümü
2014 - 2015	<b>Anabilim/Bilim Dalı Başkanı</b>	Karadeniz Teknik Üniversitesi, Endüstri Mühendisliği
2013 - 2015	<b>Bölüm Başkan Yardımcısı</b>	Karadeniz Teknik Üniversitesi, Endüstri Mühendisliği

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