

# SELÇUK ÇEBİ

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### Learning Knowledge

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Doctorate  
2005 - 2010

Istanbul Technical University, Fen Bilimleri, Endüstri Mühendisliği, Turkey

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Postgraduate  
2001 - 2004

Karadeniz Technical University, Fen Bilimleri, Makina Mühendisliği, Turkey

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Undergraduate  
1996 - 2000

Karadeniz Technical University, Mühendislik Mimarlık Fakültesi, Makina  
Mühendisliği, Turkey

### Dissertations

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

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

## Academic Titles / Tasks

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Professor 2019 - Continues	Yildiz Technical University, Faculty Of Mechanical Engineering, Department Of Industry Engineering
Associate Professor 2015 - 2019	Yildiz Technical University, Faculty Of Mechanical Engineering, Department Of Industry Engineering
Associate Professor 2013 - 2015	Karadeniz Technical University, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü
Assistant Professor 2010 - 2013	Karadeniz Technical University, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü
Research Assistant 2005 - 2010	Istanbul Technical University, İşletme Fakültesi, Endüstri Mühendisliği Bölümü

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

1. **Evaluation of sustainable energy planning scenarios with a new approach based on FCM, WASPAS and impact effort matrix**  
İLBAHAR E., Kahraman C., ÇEBİ S.  
ENVIRONMENT DEVELOPMENT AND SUSTAINABILITY, vol.25, no.10, pp.11931-11955, 2023 (SCI-Expanded)
2. **Intuitionistic Fuzzy Sets with Ordered Pairs and Their Usage in Multi-Attribute Decision Making: A Novel Intuitionistic Fuzzy TOPSIS Method with Ordered Pairs**  
Kahraman C., ÇEBİ S., Öztayşı B., Çevik Onar S.  
Mathematics, vol.11, no.18, 2023 (SCI-Expanded)
3. **Risk Analysis in the Food Cold Chain Using Decomposed Fuzzy Set-Based FMEA Approach**  
Arslan Ö., Karakurt N., Cem E., ÇEBİ S.  
Sustainability (Switzerland), vol.15, no.17, 2023 (SCI-Expanded)
4. **Consideration of reciprocal judgments through Decomposed Fuzzy Analytical Hierarchy Process: A case study in the pharmaceutical industry**  
ÇEBİ S., Gündoğdu F. K., Kahraman C.  
Applied Soft Computing, vol.134, 2023 (SCI-Expanded)
5. **Customer-oriented product design using an integrated neutrosophic AHP & DEMATEL & QFD methodology**  
KARAŞAN A., İLBAHAR E., ÇEBİ S., Kahraman C.  
Applied Soft Computing, vol.118, 2022 (SCI-Expanded)
6. **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.  
ENERGY, vol.239, 2022 (SCI-Expanded)
7. **Risk assessment of R&D projects: a new approach based on IVIF AHP and fuzzy axiomatic design**  
İLBAHAR E., ÇEBİ S., Kahraman C.  
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.42, no.1, pp.605-614, 2022 (SCI-Expanded)
8. **A new model for the occupational health and safety risk assessment process: Neutrosophic FMEA**

- Karamustafa M., Cebi S.  
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.38, no.1, pp.29-43, 2022 (SCI-Expanded)
9. A novel approach to assess occupational risks and prevention of hazards: the house of safety & prevention  
ÇINAR U., ÇEBİ S.  
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.42, no.1, pp.517-528, 2022 (SCI-Expanded)
10. Operational risk analysis in business processes using decomposed fuzzy sets  
ÇEBİ S., Gundogdu F. K., Kahraman C.  
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.43, no.3, pp.2485-2502, 2022 (SCI-Expanded)
11. Location selection for waste-to-energy plants by using fuzzy linear programming  
İLBAHAR E., Kahraman C., ÇEBİ S.  
ENERGY, vol.234, 2021 (SCI-Expanded)
12. Extension of safety and critical effect analysis to neutrosophic sets for the evaluation of occupational risks  
Karamustafa M., ÇEBİ S.  
APPLIED SOFT COMPUTING, vol.110, 2021 (SCI-Expanded)
13. A Multi-criteria Assessment of Biomass Conversion Technologies with Pythagorean Fuzzy Axiomatic Design Approach  
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14. A hybrid risk assessment method for mining sector based on QFD, fuzzy inference system, and AHP  
Cinar U., ÇEBİ S.  
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.39, no.5, pp.6047-6058, 2020 (SCI-Expanded)
15. A novel approach for classification of occupational health and safety measures based on their effectiveness by using fuzzy Kano model  
Uzun I. M., ÇEBİ S.  
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.38, no.1, pp.589-600, 2020 (SCI-Expanded)
16. Prioritization of renewable energy sources using multi-experts Pythagorean fuzzy WASPAS  
İLBAHAR E., ÇEBİ S., Kahraman C.  
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.39, no.5, pp.6407-6417, 2020 (SCI-Expanded)
17. A state-of-the-art review on multi-attribute renewable energy decision making  
İLBAHAR E., ÇEBİ S., Kahraman C.  
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18. A new weighted fuzzy information axiom method in production research  
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19. Determining and Prioritizing Main Factors of Supplier Reliability in Construction Industry  
Kayhan B. M., Çebi S., Kahraman C.  
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20. A new risk assessment approach: Safety and Critical Effect Analysis (SCEA) and its extension with Pythagorean fuzzy sets  
KARAŞAN A., İLBAHAR E., ÇEBİ S., Kahraman C.  
SAFETY SCIENCE, vol.108, pp.173-187, 2018 (SCI-Expanded)
21. A novel approach to risk assessment for occupational health and safety using Pythagorean fuzzy AHP & fuzzy inference system  
İLBAHAR E., KARAŞAN A., ÇEBİ S., Kahraman C.  
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22. A novel trapezoidal intuitionistic fuzzy information axiom approach: An application to multicriteria landfill site selection  
Kahraman C., ÇEBİ S., Onar S. C., Öztayş B.

- ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE, vol.67, pp.157-172, 2018 (SCI-Expanded)
23. **Technology Roadmap for Industry 4.0**  
Sarvari P. A., Üstündağ A., Çevikcan E., KAYA İ., ÇEBİ S.  
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24. **Classification of design parameters for E-commerce websites: A novel fuzzy Kano approach**  
İLBAHAR E., ÇEBİ S.  
TELEMATICS AND INFORMATICS, vol.34, no.8, pp.1814-1825, 2017 (SSCI)
25. **Extension of information axiom from ordinary to intuitionistic fuzzy sets: An application to search algorithm selection**  
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Computers and Industrial Engineering, vol.105, pp.348-361, 2017 (SCI-Expanded)
26. **Developing web based decision support system for evaluation occupational risks at shipyards**  
ÇEBİ S., Akyuz E., Sahin Y.  
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27. **A fuzzy information axiom based method to determine the optimal location for a biomass power plant: A case study in Aegean Region of Turkey**  
ÇEBİ S., İLBAHAR E., ATASOY A.  
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28. **A phase of comprehensive research to determine marine-specific EPC values in human error assessment and reduction technique**  
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29. **A Fuzzy Multiphase and Multicriteria Decision-Making Method for Cutting Technologies Used in Shipyards**  
ÇEBİ S., ÖZKÖK M., Kafali M., Kahraman C.  
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30. **AN EFFECTIVE RISK-PREVENTIVE MODEL PROPOSAL FOR OCCUPATIONAL ACCIDENTS AT SHIPYARDS**  
Acuner O., Çebi S.  
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31. **A new evaluation model for service quality of health care systems based on AHP and information axiom**  
Aktas A., Cebi S., Temiz I.  
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32. **EVALUATION OF PIPE CUTTING TECHNOLOGIES IN SHIPBUILDING**  
KAFALI M., ÖZKÖK M., ÇEBİ S.  
BRODOGRADNJA, vol.65, no.2, pp.33-48, 2014 (SCI-Expanded)
33. **Design evaluation model for display designs of automobiles**  
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34. **A fuzzy based assessment method for comparison of ship launching methods**  
ÖZKÖK M., Cebi S.  
Journal of Intelligent and Fuzzy Systems, vol.26, no.2, pp.781-791, 2014 (SCI-Expanded)
35. **Evaluation of design parameters for vessel engine room by using a modified QFD technique**  
Cebi S., ÖZKÖK M., DEMİRCİ E.  
Journal of Multiple-Valued Logic and Soft Computing, vol.23, pp.559-587, 2014 (SCI-Expanded)
36. **Using multi attribute choquet integral in site selection of wind energy plants: The case of turkey**  
Cebi S., Kahraman C.  
Journal of Multiple-Valued Logic and Soft Computing, vol.20, pp.423-443, 2013 (SCI-Expanded)
37. **A quality evaluation model for the design quality of online shopping websites**  
Cebi S.

- Electronic Commerce Research and Applications, vol.12, no.2, pp.124-135, 2013 (SCI-Expanded)
38. **Developing a Smart Clothing System for Blinds Based on Information Axiom**  
Bahadir S. K., Cebi S., Kahraman C., Kalaoğlu F.  
International Journal of Computational Intelligence Systems, vol.6, no.2, pp.279-292, 2013 (SCI-Expanded)
39. **Fuzzy multi-criteria and multi-experts evaluation of government investments in higher education: the case of Turkey**  
Kahraman C., Suder A., Cebi S.  
Technological and Economic Development of Economy, vol.19, no.4, pp.549-569, 2013 (SSCI)
40. **Determining importance degrees of website design parameters based on interactions and types of websites**  
Cebi S.  
Decision Support Systems, vol.54, no.2, pp.1030-1043, 2013 (SCI-Expanded)
41. **Group Decision Making for Advanced Manufacturing Technology Selection Using the Choquet Integral**  
Kahraman C., ÇEBİ S., KAYA İ.  
INDUSTRIAL ENGINEERING: CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS, VOL I, pp.1115-1134, 2013 (SCI-Expanded)
42. **An axiomatic decision aid for marine equipment selection in ship machinery design and installation projects**  
Cebi S., Çelik M., Kahraman C.  
Journal of Multiple-Valued Logic and Soft Computing, vol.18, pp.223-245, 2012 (SCI-Expanded)
43. **A fuzzy risk assessment model for hospital information system implementation**  
Yucel G., Cebi S., HOEGE B., Ozok A. F.  
Expert Systems with Applications, vol.39, no.1, pp.1211-1218, 2012 (SCI-Expanded)
44. **Developing a fuzzy based decision making model for risk analysis in construction project**  
Cebi S.  
Journal of Multiple-Valued Logic and Soft Computing, vol.17, no.4, pp.387-405, 2011 (SCI-Expanded)
45. **Fuzzy multicriteria group decision making for real estate investments**  
Cebi S., Kahraman C.  
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46. **Extension of axiomatic design principles under fuzzy environment**  
Cebi S., Kahraman C.  
Expert Systems with Applications, vol.37, pp.2682-2689, 2010 (SCI-Expanded)
47. **Structuring ship design project approval mechanism towards installation of operator-system interfaces via fuzzy axiomatic design principles**  
Cebi S., Çelik M., Kahraman C.  
Information Sciences, vol.180, no.6, pp.886-895, 2010 (SCI-Expanded)
48. **Developing a group decision support system based on fuzzy information axiom**  
Cebi S., Kahraman C.  
Knowledge-Based Systems, vol.23, pp.3-16, 2010 (SCI-Expanded)
49. **Indicator design for passenger car using fuzzy axiomatic design principles**  
Cebi S., Kahraman C.  
Expert Systems with Applications, vol.37, pp.6470-6481, 2010 (SCI-Expanded)
50. **Applications of axiomatic design principles: A literature review**  
Kulak O., Cebi S., Kahraman C.  
Expert Systems with Applications, vol.37, pp.6705-6717, 2010 (SCI-Expanded)
51. **Determining design characteristics of automobile seats based on fuzzy axiomatic design principles**  
Cebi S., Kahraman C.  
International Journal of Computational Intelligence Systems, vol.3, pp.43-55, 2010 (SCI-Expanded)
52. **A new multi-attribute decision making method: Hierarchical fuzzy axiomatic design**

- Kahraman C., Çebi S.  
 Expert Systems with Applications, vol.36, pp.4848-4861, 2009 (SCI-Expanded)
53. **Fuzzy axiomatic design-based performance evaluation model for docking facilities in shipbuilding industry: The case of Turkish shipyards**  
 Çelik M., Kahraman C., Çebi S., Er I. D.  
 Expert Systems with Applications, vol.36, no.1, pp.599-615, 2009 (SCI-Expanded)
54. **An integrated fuzzy QFD model proposal on routing of shipping investment decisions in crude oil tanker market**  
 Çelik M., Çebi S., Kahraman C., Er I. D.  
 Expert Systems with Applications, vol.36, pp.6227-6235, 2009 (SCI-Expanded)
55. **Analytical HFACS for investigating human errors in shipping accidents**  
 Çelik M., Çebi S.  
 Accident Analysis and Prevention, vol.41, no.1, pp.66-75, 2009 (SSCI)
56. **Application of axiomatic design and TOPSIS methodologies under fuzzy environment for proposing competitive strategies on Turkish container ports in maritime transportation network**  
 Çelik M., Çebi S., Kahraman C., Er I.  
 Expert Systems with Applications, vol.36, pp.4541-4557, 2009 (SCI-Expanded)
57. **A comparative analysis for multiattribute selection among renewable energy alternatives using fuzzy axiomatic design and fuzzy analytic hierarchy process**  
 Kahraman C., Kaya I., Çebi S.  
 Energy, vol.34, no.10, pp.1603-1616, 2009 (SCI-Expanded)

## Articles Published in Other Journals

1. **Preface**  
 Kahraman C., Sari I. U., Öztayşı B., ÇEBİ S., Onar S. C., TOLGA A. Ç.  
 Lecture Notes in Networks and Systems, vol.758 LNNS, 2023 (Scopus)
2. **Preface**  
 Abraham A., Madureira A. M., Kahraman C., Castillo O., Bettencourt N., ÇEBİ S., Forestiero A.  
 Lecture Notes in Networks and Systems, vol.649 LNNS, 2023 (Scopus)
3. **Preface**  
 Kahraman C., ÇEBİ S.  
 Studies in Fuzziness and Soft Computing, vol.428, 2023 (Scopus)
4. **Preface**  
 Kahraman C., Sari I. U., Öztayşı B., ÇEBİ S., Onar S. C., TOLGA A. Ç.  
 Lecture Notes in Networks and Systems, vol.759 LNNS, 2023 (Scopus)
5. **MAKİNE TABANLI DİNAMİK RİSK ANALİZİ İÇİN BİR KARAR DESTEK SİSTEMİ GE-LİŞTİRME**  
 ÇEBİ S., TEMİZÖĞLU H.  
 Uluslararası İktisadi ve İdari İncelemeler Dergisi, pp.149-166, 2020 (Peer-Reviewed Journal)
6. **KAPASİTE KISITLI ARAÇ ROTALAMA PROBLEMİ İÇİN SEZGİSEL YÖNTEMLER: E-TİCARET TEDARİKÇİLERİNE YÖNELİK BİR UYGULAMA**  
 YILDIRIM B., ÇEBİ S.  
 Uluslararası İktisadi ve İdari İncelemeler Dergisi, pp.185-206, 2020 (Peer-Reviewed Journal)
7. **Analysis of Parameters Affecting The Smart Phone Design By Using Fuzzy Kano Model**  
 Çebi S., İlbahar E.  
 Alphanumeric Journal, vol.6, pp.83-92, 2018 (Peer-Reviewed Journal)
8. **Tersanelerde Yaşanan Mesleki Risklerin Analizi için Bulanık Papyon Model Önerisi**  
 Çebi S., İlbahar E.  
 Journal of Eta Maritime Science, vol.6, pp.141-157, 2018 (Peer-Reviewed Journal)
9. **Warehouse risk assessment using interval valued intuitionistic fuzzy AHP**

- ÇEBİ S., İlbaht E.  
International Journal of the Analytic Hierarchy Process, vol.10, no.2, pp.243-253, 2018 (Scopus)
10. **Bulanık Çıkarım Tabanlı Bir Model Yardımıyla Tedarikçi Güvenilirliğinin Analizi**  
Çebi S., Kayhan B. M.  
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11. **Fuzzy location selection techniques**  
Kahraman C., Cebi S., Tuysuz F.  
Studies in Fuzziness and Soft Computing, vol.252, pp.329-358, 2010 (Scopus)
12. **Analitik Ağ Süreci Yöntemi Üzerine Bulanık Bilgi Aksiyomu Açılımı**  
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13. **Gemi Sistemleri için Entegre Bakım Onarım Yönetimi Gereksiniminin Analizi**  
Çebi S., Çelik M., Kahraman C.  
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14. **Ürün Tasarımıyla İlgili Kalite Kontrol Ölçütlerinin Seçiminde Uzman Sistem Yaklaşımı**  
Çebi S., Demirci E.  
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## Books & Book Chapters

1. **Intelligent and Fuzzy Approaches in Aviation 4.0 Transportation and Cargo Applications**  
CEM E., ÇEBİ S.  
in: Intelligent and Fuzzy Techniques in Aviation 4.0 Theory and Applications, Cengiz Kahraman, Serhat Aydin, Editor, Springer, CHAM, pp.385-408, 2022
2. **Assessment of COVID-19 Transmission Risk Through Fuzzy Inference System; an Application for Mining Activities**  
ÇINAR U., UĞURLU Ö. F., ÇEBİ S.  
in: Decision Analysis for Risk Assessment and Management, Jingzheng Ren, Editor, Springer, CHAM, pp.95-109, 2021
3. **Bulanık Analitik Hiyerarşi Prosesi: Buckley AHP ve Proje Risk Yönetimine Uygulanması**  
İLBAHAR E., ÇEBİ S.  
in: BULANIK ÇOK KRITERLİ KARAR VERME YÖNTEMLERİ - MS EXCEL VE SOFTWARE ÇÖZÜMLÜ UYGULAMALAR, Mehmet Kabak, Babek Erdebilli, Editor, NOBEL AKADEMİK YAYINCILIK EĞİTİM DANIŞMANLIK, pp.28-47, 2021
4. **Customer Oriented Product Design: Intelligent and Fuzzy Techniques**  
Kahraman C. (Editor), Çebi S. (Editor)  
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5. **Design of Noise-Canceling Earmuffs with Quality Function Deployment**  
ÇINAR U., UĞURLU Ö. F., ÇEBİ S.  
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6. **Integration of Quality Function Deployment with IVIF-AHP and Kano Model for Customer Oriented Product Design**  
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7. **Classification of Laptop Design Attributes Using Fuzzy Kano Model**  
İLBAHAR E., ÇEBİ S., KAHRAMAN C.  
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8. **Mobile Application Design by Using Modified Fuzzy Kano Model**  
Demir G., ÇEBİ S.  
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9. **Website Design Using Pythagorean Fuzzy Axiomatic Design**  
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10. **Customer Oriented Product Design and Intelligence**  
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11. **Analysis of Usability Test Parameters Affecting the Mobile Application Designs by Using Spherical Fuzzy Sets**  
KUTLU GÜNDÖĞDU F., Cotari E., ÇEBİ S., KAHRAMAN C.  
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12. **Intelligent and Fuzzy Techniques in Big Data Analytics and Decision Making**  
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13. **Technology Roadmap for Industry 4.0**  
Sarvari P. A., ÜSTÜNDAĞ A., ÇEVİKCAN E., KAYA İ., ÇEBİ S.  
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14. **Afetlerde Risk ve Kriz Yönetimi**  
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Alipour Sarvari P., Üstündağ A., Çevikcan E., KAYA İ., ÇEBİ S.  
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17. **Maritime Environmental Disaster Management Using Intelligent Techniques**  
AKYÜZ E., İLBAHAR E., ÇEBİ S., CELİK M.  
in: Intelligence Systems in Environmental Management Theory and Applications, Kahraman Cengiz, Ucal Sarı Irem, Editor, Springer, pp.135-155, 2017
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19. **Mühendislik Deneylerinin Tasarımı**  
ÇEBİ S.  
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20. **Soft Computing and Computational Intelligent Techniques in the Evaluation of Emerging Energy Technologies**  
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21. **Computational Intelligence Techniques for Risk Management in Decision Making**  
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1. **A Fuzzy Based Optimization Model for Nonlinear Programming with Lagrangian Multiplier Conditions**  
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2. **Decomposed Fuzzy Set-Based Failure Mode and Effects Analysis for Occupational Health and Safety Risk Assessment**  
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3. **A Novel Risk Assessment Approach: Decomposed Fuzzy Set-Based Fine-Kinney Method**  
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4. **Fuzzy Systems in Bio-Inspired Computing: State-of-the-art Literature Review**  
KAHRAMAN C., ÖZTAYŞI B., ÇEVİK ONAR S., ÇEBİ S.  
Innovations in Bio-Inspired Computing and Applications (IBICA'22), 15 - 17 December 2022
5. **Fuzzy Investment Assessment Techniques: A State-of-the-art Literature Review**  
KAHRAMAN C., ÖZTAYŞI B., ÇEVİK ONAR S., ÇEBİ S.  
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6. **A NOVEL MODEL FOR PROCESS MATURITY MEASUREMENT BASED ON FUZZY ANALYTIC HIERARCHY PROCESS**  
BÜYÜKKAYA E., ÇEBİ S.  
Proceedings of the International Symposium on the Analytic Hierarchy Process: the 17th ISAHP conference, United

States Of America, 15 September - 18 December 2022

7. **EXTENSIONS OF AHP/ANP AT INTERNATIONAL CONFERENCES: EXAMPLES FROM ISAHP AND INFUS CONFERENCES**  
ÖZTAYŞI B., ÇEBİ S., ÇEVİK ONAR S., KAHRAMAN C.  
International Symposium on the Analytic Hierarchy Process: the 17th ISAHP conference, 15 - 18 December 2022
8. **FUZZY EXTENSIONS OF AHP AND ANP: A STATE OF THE ART LITERATURE REVIEW**  
ÇEVİK ONAR S., ÖZTAYŞI B., ÇEBİ S., KAHRAMAN C.  
International Symposium on the Analytic Hierarchy Process: the 17th ISAHP conference, 15 - 18 December 2022
9. **INTEGRATION OF ANALYTIC HIERARCHY PROCESS WITH OTHER MCDM METHODS: A LITERATURE REVIEW**  
ÇEBİ S., ÇEVİK ONAR S., ÖZTAYŞI B., KAHRAMAN C.  
International Symposium on the Analytic Hierarchy Process: the 17th ISAHP conference, 15 - 18 December 2022
10. **Pharmaceutical 3PL supplier selection using interval-valued intuitionistic fuzzy TOPSIS**  
KAHRAMAN C., ÇEBİ S., ÇEVİK ONAR S., ÖZTAYŞI B.  
International Conference on Intuitionistic Fuzzy Sets, Sofya, Bulgaria, 9 - 10 September 2022
11. **Digital transformation project selection using Interval Valued Type-2 Intuitionistic Fuzzy TOPSIS**  
ÖZTAYŞI B., ÇEVİK ONAR S., KAHRAMAN C., ÇEBİ S.  
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12. **Risk Assessment of WtE Plants by Using a Modified Fuzzy SCEA Approach**  
İLBAHAR E., ÇEBİ S., Kahraman C.  
4th International Conference on Intelligent and Fuzzy Systems (INFUS), Bornova, Turkey, 19 - 21 July 2022, vol.505, pp.225-232
13. **Using Fuzzy Set Based Model for Pharmaceutical Supply Chain Risks Assessment**  
Yalcinkaya I., ÇEBİ S.  
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14. **A New Fuzzy Based Risk Assessment Approach for the Analysis of Occupational Risks in Manufacturing Sector**  
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15. **Social Acceptability Assessment of Renewable Energy Policies: An Integrated Approach Based on Fuzzy BOCR**  
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International Conference on Intelligent and Fuzzy Systems (INFUS2021), İstanbul, Turkey, 24 August 2021, pp.93-100
16. **KANO MODEL, BWM, AND QFD INTEGRATION APPROACH FOR PRODUCT DEVELOPMENT**  
GAMSIZ S., ÇEBİ S.  
Global Conference on Services and Retail Management, Florida, United States Of America, 11 May 2021
17. **Assessment of Renewable Energy Alternatives with Pythagorean Fuzzy WASPAS Method: A Case Study of Turkey**  
İlbahar E., Çebi S., Kahraman C.  
INFUS: International Conference on Intelligent and Fuzzy Systems, İstanbul, Turkey, 23 - 25 July 2019, pp.888-895
18. **An Intuitionistic Fuzzy Axiomatic Design Approach for the Evaluation of Solid Waste Disposal Methods**  
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19. **A Hybrid Risk Assessment Method for Mining Sector Based on QFD, Fuzzy Logic and AHP**  
Çınar U., Çebi S.  
INFUS: International Conference on Intelligent and Fuzzy Systems, İstanbul, Turkey, 23 - 25 July 2019, pp.1198-1207

20. **Hierarchy of Control Measures for Common Construction Activities: A Field Study**  
UZUN M., BİLİR MAHÇİÇEK S., GÜRCANLI G. E., ÇEBİ S.  
5th International Project and Construction Management Conference (IPCMC 2018), 16 - 18 November 2018
21. **İnşaat Sektörüne Özgür İş Güvenliği Yönetim Sisteminin Aksiyomatik Tasarım İlkeleriyle Oluşturulması**  
Uzun İ. M., ÇEBİ S.  
İş Sağlığı ve Güvenliği Kongresi 2017-IOHSC2017, 6 - 07 December 2017
22. **Tersanelerde Yaşanan Mesleki Risklerin Analizi için Bulanık Papyon Model Önerisi**  
ÇEBİ S., İLBAHAR E.  
37. Yöneylem Araştırması ve Endüstri Mühendisliği, Ulusal Kongresi, İstanbul, Turkey, 5 - 07 July 2017
23. **Analysis of the supplier reliability with a model based on fuzzy inference system**  
ÇEBİ S.  
2nd International Conference On Economics Business Management and Social Sciences, Belgrade, Serbia And Montenegro, 11 May 2017, pp.31
24. **Developing web based decision support system for analysis and prevention of occupational risks**  
ÇEBİ S., ŞAHİN Y., AKYÜZ E., ÖZKÖK M., ÇELİK M., ACUNER Ö.  
8. İş Sağlığı Güvenliği Konferansı, 8 - 11 May 2016
25. **Using Fuzzy AHP and Conjoint Analysis to Identify Importance Degrees of Parameters on Academic Performance**  
İLBAHAR E., ÇEBİ S., GÜLER M. G.  
The 4th International Fuzzy Systems Symposium, 5 - 06 November 2015
26. **Ege Bölgesi nde Kurulması Planlanan Biyokütle Enerji Tesisi için Tesis Yeri Seçimi**  
ÇEBİ S., ATASOY A., İLBAHAR E.  
YAEM 2015, Turkey, 9 - 11 September 2015
27. **Tedarikçi Güvenilirliğini Etkileyen Parametrelerin Önem Derecesinin Sektörlere Göre Değişimi**  
İLBAHAR E., ATASOY A., ÇEBİ S.  
YAEM 2015, Turkey, 9 - 11 September 2015
28. **Determining and Prioritizing Main Factors of Supplier Reliability**  
KAYHAN B. M., ÇEBİ S.  
The 11th International FLINS Conference on Decision Making and Soft Computing (FLINS2014), Joao Pessoa, Brazil, 17 - 20 August 2014
29. **Two Phase Method Proposal for Landfill Site Selection**  
YENİ F. B., ACUNER Ö., ÇEBİ S., DEMİRCİ E.  
3rd International Fuzzy System Symposium, İstanbul, Turkey, 24 - 25 October 2013
30. **Evaluation of Service Quality of Public Hospitals Using Multiple Criteria Decision Making**  
AKTAŞ A., ÇEBİ S., TEMİZ İ.  
26th European Conference on Operational Research, ROMA, Italy, 1 - 04 July 2013
31. **A Modified QFD Technique For Product R D**  
ÇEBİ S., DEMİRCİ E.  
Uncertainty Modeling in Knowledge Engineering and Decision Making, Proceedings of the 10th International FLINS Conference, İstanbul, Turkey, 26 - 29 August 2012
32. **Determining the best design via entropy of design matrix**  
ÇEBİ S., KAHRAMAN C.  
9th International FLINS Conference, (FLINS 2010), 2 August - 04 October 2010
33. **A Process Capability Index With Asymmetric Tolerances Under Fuzzy Environment**  
KAYA İ., çebi S.  
The 4th International Conference On Intelligent Systems & Knowledge Engineering, 01 November 2010
34. **Establishing an international MBA program for shipping executives: Managing OR/MS foundation towards a unique curriculum design**  
Çelik M., Çiçek K., Cebi S.  
2009 International Conference on Computers and Industrial Engineering, CIE 2009, Troyes, France, 6 - 09 July 2009, pp.459-463

35. **Appraisal of affecting factors on marine engineers' performance using FAHPbased on modified Chang's algorithm**  
 Çiçek K., Cebi S., Çelik M.  
 2009 International Conference on Computers and Industrial Engineering, CIE 2009, Troyes, France, 6 - 09 July 2009, pp.464-469
36. **Prioritization of the VIQ items within SIRE program for an oil tanker ship**  
 Cebi S., Çelik M., Ciçek K.  
 2009 International Conference on Computers and Industrial Engineering, CIE 2009, Troyes, France, 6 - 09 July 2009, pp.449-452
37. **Axiomatic Decision Model Proposal on Marine Vendor Selection Problem**  
 ÇEBİ S., ÇELİK M., KAHRAMAN C.  
 VI. International Logistic and Supply Chain Congress, 6 - 07 October 2008
38. **Multi Attribute Group Decision Making On Real Estate Investment Under Fuzzy Environment**  
 ÇEBİ S.  
 Information Sciences, SALTLAKE CITY, United States Of America, 18 - 24 July 2007

### Academic and Administrative Experience

2017 - 2020	<b>Enstitü Yönetim Kurulu Üyesi</b>	Yildiz Technical University, Faculty Of Mechanical Engineering, Department Of Industry Engineering
2017 - 2020	<b>Assistant Director of the Institute</b>	Yildiz Technical University, Graduate School Of Natural And Applied Sciences
2016 - 2017	<b>Deputy Head of Department</b>	Yıldız Teknik Üniversitesi, Endüstri Mühendisliği
2016 - 2017	<b>Uygulama ve Araştırma Merkezi Yönetim Kurulu Üyesi</b>	Yildiz Technical University, Faculty of Mechanical Engineering, Department of Industry Engineering
2014 - 2015	<b>Head of Department</b>	Karadeniz Teknik Üniversitesi, Endüstri Mühendisliği
2013 - 2015	<b>Deputy Head of Department</b>	Karadeniz Teknik Üniversitesi, Endüstri Mühendisliği

### Courses

Fuzzy Set Theory, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018  
 Artificial Intelligence and Expert Systems, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016  
 Risk Analizi ve Yönetimi, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015  
 Üretimde Müşteri Odaklı Ürün Tasarımı, Postgraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017  
 İstatistiksel Karar Verme, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015  
 Bilgisayarla Bütünleşik İmalat, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016

### Advising Theses

Çebi S., Comparison of Machine Learning Techniques in Real Estate Valuation, Postgraduate, F.ER(Student), 2020

Çebi S., Axiomatic Design of Occupational Health and Safety Management System for Construction Sector and Proposal of A Novel Performance Measurement Model, Doctorate, İ.Mert(Student), 2020

Çebi S., Proposal of a Modified Fuzzy Kano Model for Customer-Oriented Product Design and a Case Study on Design of Mobile Application, Postgraduate, G.DEMİR(Student), 2020

Çebi S., Usability of Mobile Applications and User Experience, Postgraduate, E.ÇATORİ(Student), 2019

Çebi S., Ürün tasarım özelliklerinin optimizasyonu için müşteri beklenilerine dayalı bütünsel bir yaklaşım önerisi, Postgraduate, M.ERDEM(Student), 2019

Çebi S., Bulanık çıkarım tabanlı bir model yardımıyla tedarikçi güvenilirliğinin analizi, Postgraduate, B.Meltem(Student), 2015

Çebi S., Tersane iş kazalarının önlemesi için bulanık çıkarım tabanlı bir risk değerlendirme modeli önerisi, Postgraduate, Ö.ACUNER(Student), 2014

## Activities in Scientific Journals

Sustainability, Special Issue Editor, 2022 - Continues

Discover Artificial Intelligence, Special Issue Editor, 2022 - Continues

Verimlilik Dergisi, Advisory Committee Member, 2021 - Continues

Sigma Journal of Engineering and Natural Sciences, Committee Member, 2020 - Continues

Journal Of Intelligent & Fuzzy Systems, Committee Member, 2020 - Continues

Journal of Fuzzy Extension & Applications (JFEA), Committee Member, 2020 - Continues

Recent Patents on Engineering, Committee Member, 2018 - Continues

Haliç Üniversitesi Fen Bilimleri Dergisi, Advisory Committee Member, 2018 - Continues

JOURNAL OF ETA MARITIME SCIENCE (JEMS), Committee Member, 2017 - Continues