

## Assoc. Prof. BURCU YILMAZ KAYA



### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: GON-8760-2022

ScopusID: 56695269800

Yoksis Researcher ID: 133748

### Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği (Dr), Turkey  
2010 - 2018

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği (YI) (Tezli),  
Turkey 2008 - 2010

Undergraduate, Istanbul Commerce University, Faculty Of Engineering And Design,  
Department Of Industrial Engineering, Turkey 2003 - 2007

### Biography

**Burcu Yılmaz Kaya** is with Gazi University, Department of Industrial Engineering, since 2009. She has received her M.Sc. degree in 2010, and her Ph.D. in 2018. She has been teaching courses such as Ergonomics, Process Management, Human Resources Management, Business Analysis and Process Planning, Product Design and Development in Turkish and English at undergraduate and graduate levels since 2019. She continues master's thesis advisory in Gazi University Industrial Engineering Department and Engineering and Technology Management Program. Her research interests could be listed as ergonomics and human factors management, work-study, multi-criteria decision making, usability, product, process and system design, and, decision support systems.

### Dissertations

Doctorate, Ekip çizelgeleme probleminde insani faktör etkilerinin incelenmesi ve bir karar destek sistemi önerisi, Gazi University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği (Dr), 2018

Postgraduate, Ekipman Seçimi Problemi için bulanık PROMETHEE ve 0-1 Hedef Programlama Yöntemlerinin Bütünleşik Kullanımı, Gazi University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği (YI) (Tezli), 2010

## Research Areas

Industrial Engineering, Ergonomics and Occupational Safety, Work Measurement and Methods Engineering, Multi Criteria Decision Making, Decision Support Systems, Engineering and Technology

## Academic Titles / Tasks

Associate Professor, Gazi University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2023 - Continues  
Assistant Professor, Gazi University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2020 - 2023  
Research Assistant PhD, Gazi University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2018 - 2020  
Research Assistant, Gazi University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2009 - 2018

## Academic and Administrative Experience

Bölüm Risk Komisyonu Başkanı, Gazi University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2022 - Continues  
Orhun Değişim Programı Bölüm Koordinatörü, Gazi University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2021 - Continues  
Farabi Program Department Coordinator, Gazi University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2021 - Continues

## Courses

Endüstri Mühendisliğinde Tasarım II, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022  
Job Analysis and Process Planning, Postgraduate, 2023 - 2024, 2022 - 2023  
Work Study, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022  
Industrial Engineering Design II, Undergraduate, 2023 - 2024, 2021 - 2022, 2020 - 2021  
Ergonomics, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022  
Endüstri Mühendisliğinde Tasarım I, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022  
Human Resources Management, Undergraduate, 2023 - 2024, 2021 - 2022, 2020 - 2021, 2019 - 2020  
İnsan Kaynakları Yönetimi, Postgraduate, 2023 - 2024, 2022 - 2023  
Bilimsel Araştırma Teknikleri, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021  
Industrial Engineering Design I, Undergraduate, 2023 - 2024, 2021 - 2022, 2020 - 2021  
Scientific Research Techniques, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021  
Human Resources Management, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020  
Product Design and Development, Undergraduate, 2020 - 2021  
Product Design and Development, Undergraduate, 2020 - 2021

## Advising Theses

Yılmaz Kaya B., Büyük Veri ve Makine Öğrenmesi, Duygu Analizi ve Psiko-sosyal İş Çevresinin İyileştirilmesinde Kullanımı, Postgraduate, K.Gündüz(Student), Continues  
Yılmaz Kaya B., STANDART SÜRE HESABINDA MAKİNE ÖĞRENMESİ YÖNTEMLERİNİN KULLANILMASI İLE ÜRETİM PLANLAMA FAALİYETLERİNİN ETKİNLİĞİNİN ARTTIRILMASI, Postgraduate, H.Erkan(Student), Continues  
Yılmaz Kaya B., Analysis of Work Accidents Using Machine Learning within the Framework of Regional and Sectoral Distributions, Postgraduate, O.NEFES(Student), Continues  
Yılmaz Kaya B., THE INVESTIGATION OF THE WORKFORCE PLANNING PROBLEM CONSIDERING THE MENTAL WORKLOAD IN THE SOFTWARE INDUSTRY: A CASE STUDY, Postgraduate, H.Baloğlu(Student), 2024

## Advising Graduates (Non-Thesis)

Yılmaz Kaya B., THE MATHEMATICAL ANALYSIS OF THE SUPPLIER SELECTION PROBLEM IN SUPPLY CHAIN MANAGEMENT OPTIMIZATION USING GROUP DECISION-MAKING , Masters (Non-Thesis,Evening Education), G.Karşıgil(Student), Continues

Yılmaz Kaya B., Akıllı Fabrikalara Geçiş ve Yeni Üretim Yöntemleri İçin İnsan-Makine Etkileşimi Çerçevesinde Matematiksel Bir Analiz, Masters (Non-Thesis,Evening Education), M.Soyal(Student), 2024

Yılmaz Kaya B., Industry 4.0 Perspective in Construction Industry: Digital Transformation and a Multi-criteria Analysis to Investigate the Challenges, Masters (Non-Thesis,Evening Education), F.Erdoğan(Student), 2023

## Jury Memberships

Post Graduate, Post Graduate, Başkent Üniversitesi, May, 2024

Doctoral Examination, Doctoral Examination, Gazi Üniversitesi, December, 2023

Competition, 9. Kaizen Paylaşımları, Chamber of Mechanical Engineers, October, 2023

Doctorate, Doctorate, Atatürk Üniversitesi, December, 2022

Post Graduate, Post Graduate, Atatürk Üniversitesi, June, 2021

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

- I. **How Resilient Are Lucid Motivators? Endeavoring Reforms for Effects of Psycho-social Factors on Workers Health Through Concurrent Engineering**  
Yılmaz Kaya B., Kılıç Delice E.  
SAFETY AND HEALTH AT WORK, no.-, pp.1-36, 2024 (SCI-Expanded)
- II. **Optimal solution accoutrement for crew scheduling problem: An innovative solution approach predicating on a tailor-made DSS**  
Yılmaz Kaya B., Dağdeviren M.  
INTERNATIONAL JOURNAL OF INFORMATION TECHNOLOGY & DECISION MAKING, vol.22, no.4, pp.1489-1527, 2023 (SCI-Expanded)
- III. **Minimizing OHS Risks with Spherical Fuzzy Sets as a Verdict to Inventory Management: A Case Regarding Energy Companies**  
Yılmaz Kaya B.  
DISCRETE DYNAMICS IN NATURE AND SOCIETY, vol.2022, pp.1-26, 2022 (SCI-Expanded)
- IV. **Contemplation and analysis of pandemic impacts on accommodation industry and a system reformulation proposal with Kano model: Turkey case**  
Yılmaz Kaya B.  
CURRENT ISSUES IN TOURISM, vol.25, no.8, pp.1226-1241, 2022 (SSCI)
- V. **A DSS-Based Novel Approach Proposition Employing Decision Techniques for System Design**  
Yılmaz Kaya B., Adem A., Dagdeviren M.  
INTERNATIONAL JOURNAL OF INFORMATION TECHNOLOGY & DECISION MAKING, vol.19, no.2, pp.413-445, 2020 (SCI-Expanded)
- VI. **Selecting Occupational Safety Equipment by MCDM Approach Considering Universal Design Principles**  
Yılmaz Kaya B., Dağdeviren M.  
HUMAN FACTORS AND ERGONOMICS IN MANUFACTURING & SERVICE INDUSTRIES, vol.26, no.2, pp.224-242, 2016 (SCI-Expanded)
- VII. **A combined approach for equipment selection: F-PROMETHEE method and zero-one goal programming**  
Yılmaz B., Dağdeviren M.

EXPERT SYSTEMS WITH APPLICATIONS, vol.38, no.9, pp.11641-11650, 2011 (SCI-Expanded)

VIII. **COMPARATIVE ANALYSIS OF PROMETHEE AND FUZZY PROMETHEE METHODS IN EQUIPMENT SELECTION PROBLEM**

Yilmaz B., Dagdeviren M.

JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.25, no.4, pp.811-826, 2010 (SCI-Expanded)

### Articles Published in Other Journals

- I. **ERGONOMİ 4.0 VE AKILLI FABRİKALAR: YENİ İŞ TASARIMINA YÖNELİK İNSAN FAKTÖRÜ TEMELLİ BİR ÖLÇEK ÖNERİSİ**  
Yilmaz Kaya B., Adem A., Dağdeviren M.  
Endüstri Mühendisliği, vol.34, no.1, pp.109-140, 2023 (Peer-Reviewed Journal)
- II. **HUMAN FACTORS ENGINEERING ON THE EDGE OF INDUSTRY 4.0: ANALYSIS FOR IoT-AIDED TECHNOLOGIES**  
Yilmaz Kaya B.  
Endüstri Mühendisliği, vol.33, no.1, pp.1-21, 2022 (Peer-Reviewed Journal)
- III. **ÜRETİM SİSTEMLERİNDEKİ DİJİTAL DÖNÜŞÜMÜN İŞ ETÜDÜ TEKNİKLERİ ÜZERİNDEKİ ETKİSİ**  
Adem A., Yilmaz Kaya B., Çakt E., Dağdeviren M.  
Verimlilik Dergisi, vol.0, pp.110-122, 2022 (Peer-Reviewed Journal)
- IV. **An Ergonomic Investigation of Working Environment with Kano Model and Universal Design Principles**  
Adem A., Yilmaz Kaya B., Dagdeviren M.  
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.32, no.2, pp.582-593, 2019 (Peer-Reviewed Journal)
- V. **A Human Resources Management Application for Hospitality Management in Turkey**  
Yilmaz Kaya B., Dağdeviren M.  
International Journal of Business and Management Studies, vol.10, no.2, pp.39-50, 2018 (Peer-Reviewed Journal)
- VI. **A sample application of web based examination system for distance and formal education**  
Yilmaz Kaya B., Kaya G., Dağdeviren M.  
Procedia - Social and Behavioral Sciences, vol.141, pp.1357-1362, 2014 (Peer-Reviewed Journal)

### Books & Book Chapters

- I. **Technology Analysis for Logistics 4.0 Applications: Criteria Affecting UAV Performances**  
Adem A., Yilmaz Kaya B., Dağdeviren M.  
in: Intelligent and Fuzzy Techniques in Aviation 4.0. Studies in Systems, Decision and Control, Cengiz Kahraman, Serhat Aydın, Editor, Springer, London/Berlin, London, pp.497-520, 2022
- II. **PROMETHEE Yöntemi ve IoT Temelli Akıllı Saat Alternatiflerinin Değerlendirilmesinde Uygulanması**  
YILMAZ KAYA B., DAĞDEVİREN M.  
in: Çok Kriterli Karar Verme Yöntemleri: Ms Excel Çözümlü Uygulamalar, Prof. Dr. Mehmet Kabak; Doç. Dr. Yetkin Çınar, Editor, NOBEL AKADEMİK YAYINCILIK EĞİTİM DANIŞMANLIK TİC. LTD. ŞTİ., Ankara, pp.101-121, 2020

### Refereed Congress / Symposium Publications in Proceedings

- I. **Increasing Production Planning and Control Efficiency by Using Machine Learning Methods in Standard Time Calculation**  
Akdoğan H. E., Yilmaz Kaya B.  
V. International Applied Statistics Congress (UYIK - 2024), İstanbul, Turkey, 23 May 2024

- II. **ÇALIŞAN VERİMLİLİĞİNİ ARTIRMAYA YÖNELİK DUYGU ANALİZİ TEMELLİ ARAŞTIRMALARIN PSİKO-SOSYAL İŞ ÇEVRESİNİN İYİLEŞTİRİLMESİNDE KULLANILMASI İÇİN MODEL ÖNERİSİ**  
Gündüz K., YILMAZ KAYA B.  
29. Ulusal Ergonomi Kongresi, Çanakkale, Turkey, 12 October 2023
- III. **YAZILIM SEKTÖRÜNDE ÇEVİK METODOLOJİ KULLANIMI İÇİN BİLİŞSEL ERGONOMİK DEĞERLENDİRME**  
Baloğlu H., YILMAZ KAYA B.  
29. Ulusal Ergonomi Kongresi, Çanakkale, Turkey, 12 October 2023
- IV. **DİJİTAL ERGONOMİ, AKILLI FABRİKALAR VE İŞBİRLİKÇİ ROBOT UYGULAMALARI**  
Yılmaz Kaya B., Adem A., Dağdeviren M.  
28. Ulusal Ergonomi Kongresi, Eskişehir, Turkey, 16 October 2022
- V. **YÖNETİMSEL ERGONOMİDE TOPLAM KALİTE YÖNETİMİ YAKLAŞIMLARININ UYGULANMASI ÜZERİNE BİR DEĞERLENDİRME**  
Adem A., Yılmaz Kaya B., Dağdeviren M.  
28. Ulusal Ergonomi Kongresi, Eskişehir, Turkey, 14 October 2022
- VI. **A Multi-Criteria Decision Making based Solution to Greening Strategies through VUCA Analysis for EFB Batteries**  
Özusta Ö., Yılmaz Kaya B.  
3rd International Conference on Applied Engineering and Natural Sciences, Konya, Turkey, 20 - 23 July 2022, pp.2267-2274
- VII. **A Multi-criteria Approach to Usability Research for Digital Platforms in Fuzzy Environment**  
Yılmaz Kaya B., Adem A., Dağdeviren M.  
International Conference on Intelligent and Fuzzy Systems, INFUS 2021, İstanbul, Turkey, 24 - 26 August 2021, vol.307, pp.417-425
- VIII. **ANALYZING THE OHS RISKS EMERGED IN TRANSPORTATION OF MEDICAL MATERIALS IN THE COVID-19 PANDEMIC**  
Adem A., Yılmaz Kaya B., Dağdeviren M.  
19th International Logistics and Supply Chain Congress (LMSCM 2021), Gaziantep, Turkey, 21 October 2021, pp.348-358
- IX. **MULTI-CRITERIA ASSESSMENT FRAMEWORK FOR FREIGHT VILLAGES BASED ON OPERATIONAL EFFICIENCY CRITERIA**  
YILMAZ KAYA B., ADEM A., DAĞDEVİREN M.  
19th International Logistics and Supply Chain Congress (LMSCM-2021), Turkey, 21 - 22 October 2021, pp.382-390
- X. **A MATHEMATICAL APPROACH PROPOSAL TO ANALYZE SUSTAINABLE DEVELOPMENT PERFORMANCE**  
Yılmaz Kaya B., Ok Y.  
XLVIII International Symposium on Operational Research, Belgrade, Serbia, 20 - 23 September 2021, pp.65-70
- XI. **CLUSTERING ANALYSIS OF TURKEY AND EU COUNTRIES ON THE AXIS OF GREEN GROWTH HEADLINE INDICATORS**  
Ok Y., Yılmaz Kaya B.  
XLVIII International Symposium on Operational Research, Belgrade, Serbia, 20 - 23 September 2021, pp.483-488
- XII. **Fuzzy Multi-criteria Analysis of Factors Affecting the Digitalization Success of Public Services**  
ADEM A., YILMAZ KAYA B., DAĞDEVİREN M.  
International Conference on Intelligent and Fuzzy Systems- INFUS 2021, İstanbul, Turkey, 24 - 26 August 2021, vol.308, pp.316-324
- XIII. **EVALUATION OF THE EFFECTS OF HUMAN FACTORS ON THE INTERNET OF THINGS (IOT)**  
ADAR T., YILMAZ KAYA B., KILIÇ DELİCE E.  
5th International Conference on Engineering Sciences (ICES 2019), Ankara, Turkey, 19 September 2019, pp.221-224
- XIV. **Kullanılabilirlik Çalışmalarında Yeni Bir Tasarım Aracı: Ergonomik Fonksiyon Yayılımı**  
YILMAZ KAYA B., DAĞDEVİREN M.  
25. Ulusal Ergonomi Kongresi, Samsun, Turkey, 18 - 20 October 2019, pp.59

- XV. **Ergonomide Sürdürülebilirlik Araştırmaları ve Yeşil Ergonomi Kavramı**  
YILMAZ KAYA B., DAĞDEVİREN M.  
25. Ulusal Ergonomi Kongresi, Samsun, Turkey, 18 - 20 October 2019
- XVI. **Strategy Selection for Smoothing the Transition Period of Industry 4.0 Applications Implementation**  
Yılmaz Kaya B., Dağdeviren M.  
10th International Symposium on Intelligent Manufacturing and Service Systems, Sakarya, Turkey, 9 - 11 September 2019, pp.728-737
- XVII. **A Guiding Analysis to Accomplish the Challenges for Implementation of Industry 4.0**  
Yılmaz Kaya B., Dağdeviren M.  
10th International Symposium on Intelligent Manufacturing and Service Systems, Sakarya, Turkey, 9 - 11 September 2019, pp.738-746
- XVIII. **İş Sağlığı ve Güvenliği Risk Yönetimi İçin Bütünleşik Bir Risk Değerlendirme Yaklaşımı Önerisi**  
YILMAZ KAYA B., DAĞDEVİREN M.  
24. Ulusal Ergonomi Kongresi, Erzurum, Turkey, 28 - 30 September 2018, pp.107
- XIX. **A Human Centered Multi-Criteria Decision Making Approach Proposition for Priorization of Ergonomic Factors in Terms of Working Productivity**  
Yılmaz Kaya B., Adem A., Dağdeviren M.  
12th International NCM Conferences: New Challenges in Industrial Engineering and Operations Management, Ankara, Turkey, 11 - 12 September 2018, pp.128
- XX. **An Integrated Model Proposal for the Selection of Lean Manufacturing Techniques**  
ADEM A., YILMAZ KAYA B., DAĞDEVİREN M.  
12th International NCM Conferences: New Challenges in Industrial Engineering and Operations Management, Ankara, Turkey, 11 - 12 September 2018, pp.129
- XXI. **A Human Resources Management Application For Hospitality Management In Turkey**  
YILMAZ KAYA B., DAĞDEVİREN M.  
INTERNATIONAL CONFERENCE ON TOURISM, TRAVEL, LEISURE AND HOSPITALITY 2017, İzmir, Turkey, 20 - 21 October 2017, pp.17
- XXII. **A Fuzzy Marketing Strategy Benchmarking Analysis in Service Sector**  
Yılmaz Kaya B., Dağdeviren M.  
The 5th International Fuzzy Systems Symposium 2017, Ankara, Turkey, 14 - 15 October 2017, pp.101
- XXIII. **An Economy Class Service Systems Analysis Based on Fuzzy Methodologies**  
YILMAZ KAYA B., DAĞDEVİREN M.  
The 5th International Fuzzy Systems Symposium 2017, Ankara, Turkey, 14 - 15 October 2017, pp.38
- XXIV. **Havacılık İşletmeciliğinde Operasyon Optimizasyonu ve Bir Uygulama**  
YILMAZ KAYA B., DAĞDEVİREN M.  
The 3rd International Aviation Management Conference, Ankara, Turkey, 19 April 2016, pp.178-191
- XXV. **Determining Service Attributes of Airline Transportation Industry with Fuzzy QFD Method An Application in Turkey**  
KILIÇ DELİCE E., YILMAZ KAYA B., DAĞDEVİREN M.  
The 4th International Fuzzy Systems Symposium, İstanbul, Turkey, 5 - 06 November 2015
- XXVI. **Alternatif makine çizelgelerinin ergonomik değerlendirilmesi için bir model önerisi**  
YILMAZ KAYA B., DAĞDEVİREN M., ADEM A.  
21. Ulusal Ergonomi Kongresi, Isparta, Turkey, 2 - 04 October 2015, pp.43
- XXVII. **Çalışma Ortamı Kalitesinin Ergonomik Faktörler Temelinde Kano Model ile İncelenmesi**  
ADEM A., YILMAZ KAYA B., DAĞDEVİREN M.  
21. Ulusal Ergonomi Kongresi, Isparta, Turkey, 2 - 04 October 2015
- XXVIII. **Investigation of the Effect of Humanitarian Factors for Crew Rostering Problem**  
YILMAZ KAYA B., DAĞDEVİREN M.  
Joint International Symposium on "The Social Impacts of Developments in Information, Manufacturing and Service Systems" 44th INTERNATIONAL CONFERENCE on COMPUTERS & INDUSTRIAL ENGINEERING and 9th INTERNATIONAL SYMPOSIUM on INTELLIGENT MANUFACTURING and SERVICE SYSTEMS, İstanbul, Turkey, 14 -

16 October 2014

- XXIX. **BİR ÜRETİM HATTINDA İŞ SAĞLIĞI VE GÜVENLİĞİ RİSKLERİ İÇİN ÇOK KRİTERLİ ANALİZ**  
YILMAZ KAYA B., DAĞDEVİREN M.  
20. Ulusal Ergonomi Kongresi, Ankara, Turkey, 26 - 28 September 2014
- XXX. **A Sample Application of Web Based Examination System for Distance and Formal Education**  
Yılmaz Kaya B., Kaya G., Dağdeviren M.  
4th World Conference on Learning, Teaching and Educational Leadership, Barcelona, Spain, 27 - 29 October 2013, pp.98
- XXXI. **A Fuzzy Model for the Selection of Job Safety Equipment on the Base of Universal Design Principles**  
YILMAZ KAYA B., DAĞDEVİREN M.  
The 3rd International Fuzzy Systems Symposium, İstanbul, Turkey, 24 - 25 October 2013
- XXXII. **A DECISION SUPPORT SYSTEM FOR TIMETABLING IN EDUCATION A WEB BASED EXAM SCHEDULING APPLICATION**  
YILMAZ KAYA B., DAĞDEVİREN M.  
Euro INFORMS 26th European Conference on Operational Research, Roma, Italy, 1 - 04 July 2013
- XXXIII. **KULLANILABİLİRLİK ÇALIŞMALARINI İÇİN BÜTÜNLEŞİK BİR YÖNTEM GRİ TEORİ VE PROMETHEE**  
YILMAZ KAYA B., DAĞDEVİREN M.  
18. ULUSAL ERGONOMİ KONGRESİ, Gaziantep, Turkey, 16 - 18 November 2012
- XXXIV. **İŞ YÜKÜ TEMELLİ PERSONEL ÇİZELGELEME PROBLEMİ İÇİN BİR MODEL ÖNERİSİ**  
YILMAZ KAYA B., DAĞDEVİREN M.  
32. Yöneylem Araştırması ve Endüstri Mühendisliği Kongresi, İstanbul, Turkey, 20 - 22 June 2012
- XXXV. **İŞ ÖLÇÜMÜNDE STANDART VERİ SİSTEMLERİNİN KULLANILMASINA YÖNELİK BİR ENDÜSTRİ UYGULAMASI**  
YILMAZ KAYA B., DAĞDEVİREN M.  
17. Ulusal Ergonomi Kongresi, Eskişehir, Turkey, 14 - 16 October 2011
- XXXVI. **PROMETHEE İÇİN DECISION LAB YAZILIMI VE ÖRNEK BİR PROBLEM ÜZERİNDE UYGULANMASI**  
Yılmaz Kaya B., Dağdeviren M.  
ENDÜSTRİ MÜHENDİSLİĞİ YAZILIMLARI VE UYGULAMALARI KONGRESİ, İzmir, Turkey, 30 September - 02 October 2011
- XXXVII. **TEDARİK ZİNCİRİ YÖNETİMİNDE DEPO YERİ SEÇİMİ PROBLEMİNİN ÇÖZÜMÜ İÇİN TABU ARAMA ALGORİTMASI**  
YILMAZ KAYA B., DAĞDEVİREN M.  
31. YÖNEYLEM ARAŞTIRMASI ve ENDÜSTRİ MÜHENDİSLİĞİ KONGRESİ, Sakarya, Turkey, 5 - 07 July 2011
- XXXVIII. **HIZLI TÜKETİM MALLARI DEPO YERİ SEÇİMİ PROBLEMİ İÇİN GENETİK ALGORİTMA İLE BİR ÇÖZÜM**  
Yılmaz Kaya B., Dağdeviren M.  
11. ÜRETİM ARAŞTIRMALARI SEMPOZYUMU, İstanbul, Turkey, 23 - 24 June 2011
- XXXIX. **ÜRÜN TASARIMI SÜRECİNDEKİ BELİRSİZLİKLER İÇİN YENİ BİR YAKLAŞIM F PROMETHEE VE KFY YÖNTEMLERİNİN BÜTÜNLEŞTİRİLMESİ**  
Yılmaz Kaya B., Kılıç Delice E.  
10. Ulusal Üretim Araştırmaları Sempozyumu, Girne, Cyprus (Kktc), 16 - 18 September 2010
- XL. **HATA AĞACI ANALİZİ RİSK BELİRLEME SÜRECİ İÇİN ALTERNATİF BİR HESAPLAMA YÖNTEMİ**  
YILMAZ KAYA B., DAĞDEVİREN M.  
30. Yöneylem Araştırması ve Endüstri Mühendisliği Kongresi, İstanbul, Turkey, 30 June - 02 July 2010
- XLI. **EKİPMAN SEÇİMİ PROBLEMİNDE BULANIK PROMETHEE YÖNTEMİNİN KULLANILMASI**  
YILMAZ KAYA B., DAĞDEVİREN M.  
9. ÜRETİM ARAŞTIRMALARI SEMPOZYUMU, Eskişehir, Turkey, 15 - 17 October 2009

## Activities in Scientific Journals

Jurnal Sistem dan Manajemen Industri , Committee Member, 2024 - Continues

## Scientific Refereeing

CURRENT ISSUES IN TOURISM, SCI Journal, May 2023  
JOURNAL OF INTELLIGENT AND FUZZY SYSTEMS, SCI Journal, May 2023  
JOURNAL OF INTELLIGENT AND FUZZY SYSTEMS, SCI Journal, May 2023  
SUSTAINABILITY, Journal Indexed in SCI-E, May 2023  
SUSTAINABILITY, SCI Journal, April 2023  
APPLIED SOFT COMPUTING JOURNAL, SCI Journal, April 2023  
Endüstri Mühendisliği, National Scientific Refreed Journal, April 2023  
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## Tasks In Event Organizations

Yılmaz Kaya B., 30th National Ergonomics Congress, Scientific Congress, Turkey, Ekim 2024

## Metrics

Publication: 57

Citation (WoS): 111

Citation (Scopus): 132

H-Index (WoS): 5

H-Index (Scopus): 5

## Awards

Yılmaz Kaya B., Türkiye Adresli Uluslararası Bilimsel Yayınları Teşvik Programı, Tübitak, December 2022

Yılmaz Kaya B., Yayın Teşvik Ödülü, Gazi Üniversitesi, April 2021

Yılmaz Kaya B., Yayın Teşvik Ödülü, Gazi Üniversitesi, April 2017

Yılmaz Kaya B., Yayın Teşvik Ödülü, Gazi Üniversitesi, April 2012

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