

Assoc. Prof. BURCU YILMAZ KAYA



Personal Information

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International Researcher IDs

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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, Mühendislik Fakültesi, Industrial
Engineering (Full Scholarship), 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

Ergonomics, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022
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
İnsan Kaynakları Yönetimi, Postgraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023
Bilimsel Araştırma Teknikleri, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021
Industrial Engineering Design I, Undergraduate, 2024 - 2025, 2023 - 2024, 2021 - 2022, 2020 - 2021
Industrial Engineering Design II, Undergraduate, 2023 - 2024, 2021 - 2022, 2020 - 2021
Endüstri Mühendisliğinde Tasarım I, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022
Human Resources Management, Undergraduate, 2023 - 2024, 2021 - 2022, 2020 - 2021, 2019 - 2020
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., Analysis of Work Accidents Using Machine Learning within the Framework of Regional and Sectoral Distributions, Postgraduate, O.NEFES(Student), Continues
Yılmaz Kaya B., INCREASING THE EFFICIENCY OF PRODUCTION PLANNING ACTIVITIES BY USING MACHINE LEARNING METHODS IN STANDARD TIME CALCULATION, Postgraduate, H.Erkan(Student), 2024
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), 2024

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

Competition, 10. Kaizen Paylaşımları Yarışması , TMMOB-Chamber of Mechanical Engineers - Izmir Branch, October, 2024

Competition, 43. YA/EM Öğrenci Proje Yarışması, Karadeniz Teknik Üniversitesi, July, 2024

Doctorate, Doctorate, Eskişehir Osmangazi Üniversitesi, June, 2024

Post Graduate, Post Graduate, Gazi Üniversitesi, June, 2024

Competition, 1.Gazi Üniversitesi Öğrenci Projeleri Kongresi ve Bilim Şenliği, Gazi Üniversitesi, May, 2024

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, vol.15, no.3, pp.327-337, 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**

Yılmaz B., Dağdeviren 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**

Yılmaz 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**

Yılmaz 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., Yılmaz Kaya B., Çakıt 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., Yılmaz Kaya B., Dağdeviren 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**

Yılmaz 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**

Yılmaz 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., Yılmaz 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. **YAPAY ZEKA VE İŞ SAĞLIĞI VE GÜVENLİĞİ UYGULAMALARI: İŞ KAZASI ANALİZİNDE MAKİNE ÖĞRENMESİ KULLANIMI**
NEFES O., YILMAZ KAYA B.
30. Ulusal Ergonomi Kongresi, Karabük, Turkey, 10 October 2024
- II. **DİJİTAL PLATFORMLARDA KULLANILABİLİRLİK ANALİZİ İÇİN KULLANICI DENEYİMİNİ İÇEREN ÇKKV TABANLI YENİ BİR ÇÖZÜM YAKLAŞIMI**
KILIÇ DELİCE E., CAN G. F., YILMAZ KAYA B.
30. Ulusal Ergonomi Kongresi, Karabük, Turkey, 10 October 2024
- III. **BİLGİ ÇAĞINDA VERİMLİLİK VE ERGONOMİ: UZAKTAN ÇALIŞMA İŞ TASARIMI MODELİNDE ERGONOMİK FAKTÖRLERİN ANALİZİ**
YILMAZ KAYA B., DAĞDEVİREN M.
30. Ulusal Ergonomi Kongresi, Karabük, Turkey, 10 October 2024
- IV. **Work measurement in the new era: Literature review of standard time estimation with ANN**
Hayta S., YILMAZ KAYA B.
19th International Symposium SymOrg 2024, Zlatibor, Serbia, 12 June 2024, pp.897-903
- V. **Increasing Production Planning and Control Efficiency by Using Machine Learning Methods in Standard Time Calculation**
Akdoğan H. E., Yılmaz Kaya B.
V. International Applied Statistics Congress (UYIK - 2024), İstanbul, Turkey, 23 May 2024
- VI. **YAZILIM SEKTÖRÜNDE ÇEVİK METODOLOJİ KULLANIMI İÇİN BİLİŞSEL ERGONOMİK DEĞERLENDİRME**
Baloğlu H., YILMAZ KAYA B.
29. Ulusal Ergonomi Kongresi, Çanakkale, Turkey, 12 October 2023
- VII. **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
- VIII. **DİJİTAL ERGONOMİ, AKILLI FABRİKALAR VE İŞBİRLİKÇİ ROBOT UYGULAMALARI**
Yılmaz Kaya B., Adem A., Dağdeviren M.
28. Ulusal Ergonomi Kongresi, Eskişehir, Turkey, 16 October 2022
- IX. **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
- X. **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
- XI. **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
- XII. **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
- XIII. **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

- XIV. **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
- XV. **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
- XVI. **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
- XVII. **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
- XVIII. **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
- XIX. **Ergonomide Sürdürülebilirlik Araştırmaları ve Yeşil Ergonomi Kavramı**
YILMAZ KAYA B., DAĞDEVİREN M.
25. Ulusal Ergonomi Kongresi, Samsun, Turkey, 18 - 20 October 2019
- XX. **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
- XXI. **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
- XXII. **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
- XXIII. **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
- XXIV. **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
- XXV. **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
- XXVI. **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

- XXVII. **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
- XXVIII. **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
- XXIX. **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
- XXX. **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
- XXXI. **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
- XXXII. **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
- XXXIII. **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
- XXXIV. **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
- XXXV. **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
- XXXVI. **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
- XXXVII. **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
- XXXVIII. **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
- XXXIX. **İŞ ÖLÇÜMÜNDE STANDART VERİ SİSTEMLERİNİN KULLANILMASINA YÖNELİK BİR ENDÜSTRİ UYGULAMASI**
Yılmaz Kaya B., Dağdeviren M., Kurt M.
17. Ulusal Ergonomi Kongresi, Eskişehir, Turkey, 14 - 16 October 2011
- XL. **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
- XLI. **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

XLII. A SOLUTION FOR WAREHOUSE LOCATION ALLOCATION PROBLEM OF FAST MOVING CONSUMER GOODS WITH GENETIC ALGORITHM

Yılmaz Kaya B., Dağdeviren M., Akcayol M. A.

11. ÜRETİM ARAŞTIRMALARI SEMPOZYUMU, İstanbul, Turkey, 23 - 24 June 2011

XLIII. 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

XLIV. HATA AĞACI ANALİZİ RİSK BELİRLEME SÜRECİ İÇİN ALTERNATİF BİR HESAPLAMA YÖNTEMİ

YILMAZ KAYA B., DAĞDEVİREN M.

30. Yöneylem Araştırması ve Endüstri Mühendisliği Kogresi, İstanbul, Turkey, 30 June - 02 July 2010

XLV. 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

PLOS ONE, Article Editor, 2023 - Continues

Scientific Refereeing

SCIENTIFIC REPORTS, Journal Indexed in SCI-E, September 2024

JOURNAL OF TURKISH OPERATIONS MANAGEMENT, Other Indexed Journal, August 2024

Endüstri Mühendisliği, National Scientific Refreed Journal, July 2024

ADMINISTRATIVE SCIENCES, Journal Indexed in ESCI, July 2024

JOURNAL OF INTELLIGENT AND FUZZY SYSTEMS, SCI Journal, July 2024

Processes, Journal Indexed in SCI-E, July 2024

JOURNAL OF THEORETICAL AND APPLIED ELECTRONIC COMMERCE RESEARCH, SCI Journal, June 2024

JOURNAL OF THEORETICAL AND APPLIED ELECTRONIC COMMERCE RESEARCH, SCI Journal, May 2024

JOURNAL OF THEORETICAL AND APPLIED ELECTRONIC COMMERCE RESEARCH, SCI Journal, May 2024

Yüzüncü Yıl Üniversitesi Fen Bilimleri Enstitüsü Dergisi, National Scientific Refreed Journal, May 2024

JOURNAL OF THEORETICAL AND APPLIED ELECTRONIC COMMERCE RESEARCH, SCI Journal, April 2024

Endüstri Mühendisliği, National Scientific Refreed Journal, April 2024

JOURNAL OF TURKISH OPERATIONS MANAGEMENT, Other Indexed Journal, February 2024

JOURNAL OF INTELLIGENT AND FUZZY SYSTEMS, SCI Journal, December 2023

FORESTS, SCI Journal, November 2023

HEALTHCARE (BASEL), SCI Journal, November 2023

CONTEMPORARY MATHEMATICS, SCI Journal, November 2023

Verimlilik Dergisi, National Scientific Refreed Journal, November 2023

JOURNAL OF INTELLIGENT AND FUZZY SYSTEMS, SCI Journal, November 2023

ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE, SCI Journal, November 2023

APPLIED SOFT COMPUTING JOURNAL, SCI Journal, September 2023

GAZI UNIVERSITY JOURNAL OF SCIENCE, Journal Indexed in ESCI, September 2023

ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE, SCI Journal, July 2023

Endüstri Mühendisliği, National Scientific Refreed Journal, July 2023

SUSTAINABILITY, SCI Journal, July 2023
Project Supported by Higher Education Institutions, BAP Other, Kayseri University, Turkey, July 2023
EXPERT SYSTEMS WITH APPLICATIONS, SCI Journal, June 2023
SUSTAINABILITY, SCI Journal, June 2023
JOURNAL OF INTELLIGENT AND FUZZY SYSTEMS, Journal Indexed in SCI-E, June 2023
Endüstri Mühendisliği, National Scientific Refreed Journal, May 2023
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
GAZI UNIVERSITY JOURNAL OF SCIENCE, Journal Indexed in ESCI, April 2023
APPLIED SOFT COMPUTING JOURNAL, SCI Journal, March 2023
SENSORS, Journal Indexed in SCI-E, March 2023
EXPERT SYSTEMS WITH APPLICATIONS, SCI Journal, March 2023
Jurnal Sistem dan Manajemen Industri, Other Indexed Journal, February 2023
EDUCATION SCIENCES, Journal Indexed in ESCI, February 2023
JOURNAL OF THEORETICAL AND APPLIED ELECTRONIC COMMERCE RESEARCH, SCI Journal, January 2023
EXPERT SYSTEMS WITH APPLICATIONS, SCI Journal, December 2022
JOURNAL OF INTELLIGENT AND FUZZY SYSTEMS, SCI Journal, December 2022
Niğde Ömer Halisdemir Üniversitesi Mühendislik Bilimleri Dergisi, National Scientific Refreed Journal, December 2022
CURRENT ISSUES IN TOURISM, SCI Journal, October 2022
SUSTAINABILITY, SCI Journal, August 2022
SUSTAINABILITY, SCI Journal, July 2022
APPLIED SOFT COMPUTING JOURNAL, SCI Journal, July 2022
Yüzüncü Yıl Üniversitesi Fen Bilimleri Enstitüsü Dergisi, National Scientific Refreed Journal, July 2022
GAZI UNIVERSITY JOURNAL OF SCIENCE, Journal Indexed in ESCI, June 2022
APPLIED SOFT COMPUTING JOURNAL, SCI Journal, April 2022
VERİMLİLİK DERGİSİ, National Scientific Refreed Journal, December 2021
APPLIED SOFT COMPUTING JOURNAL, SCI Journal, December 2021
Project Supported by Higher Education Institutions, BAP Other, Kayseri University, Turkey, December 2021
Mersin University Journal of Maritime Faculty, Other Journals, November 2020
ENDÜSTRİ MÜHENDİSLİĞİ, National Scientific Refreed Journal, October 2020
ENDÜSTRİ MÜHENDİSLİĞİ, National Scientific Refreed Journal, September 2020
ENDÜSTRİ MÜHENDİSLİĞİ, National Scientific Refreed Journal, May 2020
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, Journal Indexed in SCI-E, March 2020
AVRUPA BİLİM VE TEKNOLOJİ DERGİSİ, National Scientific Refreed Journal, August 2019
ENDÜSTRİ MÜHENDİSLİĞİ, National Scientific Refreed Journal, July 2019
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, Journal Indexed in SCI-E, July 2019
APPLIED SOFT COMPUTING JOURNAL, SCI Journal, March 2018
APPLIED SOFT COMPUTING JOURNAL, SCI Journal, October 2017
HOSPITAL PRACTICE, Other Indexed Journal, July 2017
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, SCI Journal, July 2017
OMEGA-INTERNATIONAL JOURNAL OF MANAGEMENT SCIENCE, SCI Journal, April 2017
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, SCI Journal, August 2015
APPLIED MATHEMATICAL MODELLING, Journal Indexed in SCI-E, July 2011

Tasks In Event Organizations

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

Yılmaz Kaya B., 1st Gazi University Student Projects Congress and Science Festival, Scientific Congress, Ankara, Turkey, Mayıs 2024

Metrics

Publication: 61

Citation (WoS): 111

Citation (Scopus): 132

H-Index (WoS): 5

H-Index (Scopus): 5

Congress and Symposium Activities

30. Ulusal Ergonomi Kongresi, Session Moderator, Karabük, Turkey, 2024

29. Ulusal Ergonomi Kongresi, Session Moderator, Çanakkale, Turkey, 2023

Awards

Yılmaz Kaya B., Türkiye Adresli Uluslararası Bilimsel Yayınları Teşvik Programı , Tübitak, December 2024

Yılmaz Kaya B., Yayın Teşvik Ödülü, Gazi Üniversitesi, December 2024

Yılmaz Kaya B., Yayın teşvik ödülü, Gazi Üniversitesi, December 2023

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

Yılmaz Kaya B., Türkiye Adresli Uluslararası Bilimsel Yayınları Teşvik Programı, Tübitak, February 2012

Yılmaz Kaya B., Yayın Teşvik Ödülü, Gazi Üniversitesi, April 2011