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International Researcher IDs

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Publons / Web Of Science ResearcherID: L-5982-2013

ScopusID: 44661946600

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Education Information

Doctorate, Gazi University, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, Turkey 2004 - 2010

Postgraduate, Gazi University, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, Turkey 2001 - 2004

Undergraduate, Shahed University, Uygulamalı Matematik , Iran 1991 - 1996

Foreign Languages

Azerbaijani, C1 Advanced

English, C1 Advanced

Turkish, C1 Advanced

Persian, C1 Advanced

Dissertations

Doctorate, ÇOK ÖLÇÜTLÜ KARAR VERME SÜRECİ İÇİN VZA-AAS SIRALI HİBRİT ALGORİTMASI VE BİR UYGULAMA, Gazi Üniversitesi, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, 2010

Postgraduate, DEA/AHP sıralı metodu ile İran Amir Kabir Üniversitesi Fakültelerinin Etkinlik Ölçümü , Gazi Üniversitesi, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, 2004

Research Areas

Mathematics, Statistics, Natural Sciences, Engineering and Technology

Academic Titles / Tasks

Professor, Ankara Yıldırım Beyazıt University, Mühendislik ve Doğa Bilimleri Fakültesi, Endüstri Mühendisliği, 2024 - Continues

Assistant Professor, TOBB University of Economics and Technology, 2011 - Continues

Associate Professor, Ankara Yildirim Beyazit University, Mühendislik ve Doğa Bilimleri Fakültesi, Endüstri Mühendisliği, 2018 - 2024

Assistant Professor, Ankara Yildirim Beyazit University, Mühendislik ve Doğa Bilimleri Fakültesi, Endüstri Mühendisliği, 2017 - 2018

Assistant Professor, Atilim University, Faculty Of Engineering, Department Of Industrial Engineering, 2008 - 2017

Lecturer, Atilim University, Faculty Of Engineering, Department Of Industrial Engineering, 2008 - 2010

Courses

OPERATION RESEARCH II, Undergraduate, 2017 - 2018

LINEAR PROGRAMMING, Doctorate, 2017 - 2018

ENGINEERING ECONOMICS, Undergraduate, 2017 - 2018

LINEAR OPTIMIZATION, Doctorate, 2016 - 2017

ENGINEERING ECONOMIC ANALYSIS, Undergraduate, 2016 - 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **An Integrated Q-Rung Orthopair Fuzzy (Q-ROF) for the Selection of Supply-Chain Management**
ERDEBİLLİ B., Sıcakyüz Ç.
Sustainability (Switzerland), vol.16, no.12, 2024 (SCI-Expanded)
- II. **Sustainable Development of Industrial Engineering with the Application of Intelligent Systems**
ERDEBİLLİ B., Tirkolaee E. B.
Sustainability (Switzerland), vol.16, no.5, 2024 (SCI-Expanded)
- III. **Bibliometric Analysis on the Distributed Decision, Decentralized Decision, and Fuzzy Logic**
Çağlayan N., Abbasi S., YILMAZ İ., ERDEBİLLİ B.
Discrete Dynamics in Nature and Society, vol.2024, 2024 (SCI-Expanded)
- IV. **Designing the home healthcare supply chain during a health crisis**
Abbasi S., Sıcakyüz Ç., Erdebilli B.
Journal of Engineering Research (Kuwait), vol.11, no.4, pp.447-452, 2023 (SCI-Expanded)
- V. **An Interval-Valued Pythagorean Fuzzy AHP and COPRAS Hybrid Methods for the Supplier Selection Problem**
ERDEBİLLİ B., YILMAZ İ., Aksoy T., Hacıoğlu U., YÜKSEL S., DİNÇER H.
International Journal of Computational Intelligence Systems, vol.16, no.1, 2023 (SCI-Expanded)
- VI. **PYTHAGOREAN FUZZY TOPSIS METHOD FOR GREEN SUPPLIER SELECTION IN THE FOOD INDUSTRY**
Hajjaghaei-Keshteli M., Cenk Z., ERDEBİLLİ B., Selim Özdemir Y., Gholian-Jouybari F.
Expert Systems with Applications, vol.224, 2023 (SCI-Expanded)
- VII. **Q-ROF Fuzzy TOPSIS and VIKOR Methods for the Selection of Sustainable Private Health Insurance Policies**
ERDEBİLLİ B., Gecer E., YILMAZ İ., Aksoy T., Hacıoğlu U., DİNÇER H., YÜKSEL S.
Sustainability (Switzerland), vol.15, no.12, 2023 (SCI-Expanded)
- VIII. **Green Closed-Loop Supply Chain Networks' Response to Various Carbon Policies during COVID-19**
Abbasi S., Erdebilli B.
Sustainability (Switzerland), vol.15, no.4, 2023 (SCI-Expanded)
- IX. **A new optimum technique for parameter identification of the proton exchange membrane fuel cells based on improved remora optimizer**
Hou M., Li Y., Peng F., ERDEBİLLİ B.
Energy Sources, Part A: Recovery, Utilization and Environmental Effects, vol.45, no.1, pp.3019-3040, 2023 (SCI-Expanded)
- X. **A multi-attribute approach to ranking departments based on performance: a balanced scorecard**

pilot study

Şenel U. T., ERDEBİLLİ B., Demir S.

Complex and Intelligent Systems, vol.8, no.5, pp.4177-4185, 2022 (SCI-Expanded)

- XI. **Ensemble Voting Regression Based on Machine Learning for Predicting Medical Waste: A Case from Turkey**
ERDEBİLLİ B., Devrim-İçtenbaş B.
Mathematics, vol.10, no.14, 2022 (SCI-Expanded)
- XII. **An Integrated Fuzzy MCDM Hybrid Methodology to Analyze Agricultural Production**
ERDEBİLLİ B., Savalan Ş.
Sustainability (Switzerland), vol.14, no.8, 2022 (SCI-Expanded)
- XIII. **An optimal configuration for hybrid SOFC, gas turbine, and Proton Exchange Membrane Electrolyzer using a developed Aquila Optimizer**
Wang S., Ma J., Li W., Khayatnezhad M., ERDEBİLLİ B.
International Journal of Hydrogen Energy, vol.47, no.14, pp.8943-8955, 2022 (SCI-Expanded)
- XIV. **Integrated Fuzzy AHP-TOPSIS Method to Analyze Green Management Practice in Hospitality Industry in the Sultanate of Oman**
Piya S., Shamsuzzoha A., Azizuddin M., Al-Hinai N., ERDEBİLLİ B.
Sustainability (Switzerland), vol.14, no.3, 2022 (SCI-Expanded)
- XV. **Selection of Suppliers for Speech Recognition Products in IT Projects by Combining Techniques with an Integrated Fuzzy MCDM**
Taghipour A., ERDEBİLLİ B., Ünal A., Piya S.
Sustainability (Switzerland), vol.14, no.3, 2022 (SCI-Expanded)
- XVI. **An optimal size selection of hybrid renewable energy system based on Fractional-Order Neural Network Algorithm: A case study**
Guo X., Zhou L., Guo Q., ERDEBİLLİ B.
Energy Reports, vol.7, pp.7261-7272, 2021 (SCI-Expanded)
- XVII. **Local and Global Energy Efficiency Analysis for Energy Production Based on Multi-Plant Generalized Production Technology**
Ghiyasi M., ERDEBİLLİ B., Ozdemir Y. S.
IEEE Access, vol.9, pp.58208-58215, 2021 (SCI-Expanded)
- XVIII. **An AHP-IFT Integrated Model for Performance Evaluation of E-Commerce Web Sites**
Rouyendegh B., Topuz K., Dag A., Oztekin A.
Information Systems Frontiers, vol.21, no.6, pp.1345-1355, 2019 (SCI-Expanded)
- XIX. **Measuring the efficiency of hospitals: a fully-ranking DEA-FAHP approach**
Rouyendegh B., Oztekin A., Ekong J., Dag A.
Annals of Operations Research, vol.278, pp.361-378, 2019 (SCI-Expanded)
- XX. **Improved grasshopper optimization algorithm to solve energy consuming reduction of chiller loading**
Wenhan X., Yuanxing W., Di Q., Daneshvar Rouyendegh B.
Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2019 (SCI-Expanded)
- XXI. **Intuitionistic Fuzzy TOPSIS method for green supplier selection problem**
Rouyendegh B., YILDIZBAŞI A., Üstünyer P.
Soft Computing, 2019 (SCI-Expanded)
- XXII. **Multi-criteria decision making approach for evaluation of the performance of computer programming languages in higher education**
Yildizbasi A., Rouyendegh B.
Computer Applications in Engineering Education, vol.26, no.6, pp.1992-2001, 2018 (SCI-Expanded)
- XXIII. **A literature review on MHE selection problem: Levels, contexts, and approaches**
Saputro T. E., Masudin I., Rouyendegh B.
International Journal of Production Research, vol.53, no.17, pp.5139-5152, 2015 (SCI-Expanded)
- XXIV. **Developing an integrated ANP and intuitionistic fuzzy TOPSIS model for supplier selection**

- Rouyendegh B.
Journal of Testing and Evaluation, vol.43, no.3, pp.664-672, 2015 (SCI-Expanded)
- XXV. **Solving a mixed purchasing process problem in retail market: A pilot study in Turkey Rješavanje problema mješovitog postupka nabave na tržištu na malo: Ogljedno istraživanje u turskoj**
Erkan T. E., Rouyendegh B., Salar M.
Tehnicki Vjesnik, vol.21, no.2, pp.365-369, 2014 (SCI-Expanded)
- XXVI. **Sector selection for ERP implementation to achieve most impact on supply chain performance by using AHP-TOPSIS hybrid method Odabir sektora za primjenu ERP-a u cilju što boljeg djelovanja na učinak nabavnog lanca primjenom AHP-TOPSIS hibridne metode**
Rouyendegh B., Baç U., Erkan T. E.
Tehnicki Vjesnik, vol.21, no.5, pp.933-937, 2014 (SCI-Expanded)
- XXVII. **Developing an integrated ahp and intuitionistic fuzzytopsis methodology Razvoj integrirane AHP i intuicijske fuzzyTOPSIS metodologije**
Rouyendegh B.
Tehnicki Vjesnik, vol.21, no.6, pp.1313-1319, 2014 (SCI-Expanded)
- XXVIII. **On profust reliability of coherent systems: Signature-based expressions**
Eryilmaz S., Rouyendegh B.
Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, vol.227, no.2, pp.173-178, 2013 (SCI-Expanded)
- XXIX. **An application of the Fuzzy ELECTRE method for academic staff selection**
Rouyendegh B., Erkan T. E.
Human Factors and Ergonomics In Manufacturing, vol.23, no.2, pp.107-115, 2013 (SCI-Expanded)
- XXX. **Selection of academic staff using the fuzzy Analytic Hierarchy Process (FAHP): A pilot study Izbor akademskog osoblja primjenom neizrazitog analitičkog hijerarhijskog postupka (FAHP): Ogljedno istraživanje**
Rouyendegh B., Erkan T. E.
Tehnicki Vjesnik, vol.19, no.4, pp.923-929, 2012 (SCI-Expanded)
- XXXI. **Selecting the best project using the fuzzy ELECTRE method**
Daneshvar Rouyendegh B., EROL S.
Mathematical Problems in Engineering, vol.2012, 2012 (SCI-Expanded)
- XXXII. **Evaluating projects based on intuitionistic fuzzy group decision making**
Rouyendegh B.
Journal of Applied Mathematics, vol.2012, 2012 (SCI-Expanded)
- XXXIII. **The DEA and intuitionistic Fuzzy TOPSIS approach to departments' performances: A pilot study**
Daneshvar Rouyendegh B.
Journal of Applied Mathematics, vol.2011, 2011 (SCI-Expanded)
- XXXIV. **Selecting the high - performing departments within universities applying the fuzzy MADM methods**
Rouyendegh B.
Scientific Research and Essays, vol.6, no.13, pp.2646-2654, 2011 (SCI-Expanded)

Articles Published in Other Journals

- I. **Supplier Selection in the Context of Industry 4.0 Using Hybrid DEA-SMART Method**
Bahreini P., ERDEBİLLİ B.
International Journal of Supply and Operations Management, vol.11, no.2, pp.216-230, 2024 (Scopus)
- II. **An integrated Analytic Hierarchy Process and Complex Proportional Assessment for vendor selection in supply chain management**
Deretarla Ö., ERDEBİLLİ B., GÜNDOĞAN M.
Decision Analytics Journal, vol.6, 2023 (Scopus)
- III. **Statistical-machine-learning-based intelligent relaxation for set-covering location models to identify**

locations of charging stations for electric vehicles

Aslan Özşahin S. G., ERDEBİLLİ B.

EURO Journal on Transportation and Logistics, vol.12, 2023 (ESCI)

- IV. **The Comparison Between Classical Fine Kinney Analysis and Fuzzy Fine Kinney Method Used in Gas Stations**
ERDEBİLLİ B., ACAR FİLİZCİ A. E.
Kirsehir Ahi Evran University, vol.5, 2022 (Peer-Reviewed Journal)
- V. **Inspired-based optimisation algorithm for solving energy-consuming reduction of chiller loading**
Min S., Tang Z., ERDEBİLLİ B.
International Journal of Ambient Energy, vol.43, no.1, pp.2313-2323, 2022 (ESCI)
- VI. **A NEW PERSPECTIVE ON FACILITY LOCATION SELECTION: STRATIFIED MULTI CRITERIA DECISION MAKING METHOD**
ERDEBİLLİ B., NACAR E. N.
Verimlilik Dergisi, 2021 (Peer-Reviewed Journal)
- VII. **TOPSİS YÖNTEMİ İLE ORTODONTİK TEDARİKÇİ SEÇİMİ**
ERDEBİLLİ B., ŞAHİN S., GÜNEŞLİ İ.
Mühendislik Bilimleri ve Tasarım Dergisi, vol.9, 2021 (Peer-Reviewed Journal)
- VIII. **MAKİNE ÖĞRENMESİ ALGORİTMALARI İLE SATIŞ TAHMİNİ**
NACAR E. N., ERDEBİLLİ B.
Endüstri Mühendisliği, vol.32, pp.307-320, 2021 (Peer-Reviewed Journal)
- IX. **Assessing Occupational Health and Safety Performances of Companies Using Multi-Criteria Methods**
EROL M., ERDEBİLLİ B. D. R. B.
Düzce Üniversitesi Bilim ve Teknoloji Dergisi, vol.9, no.1, pp.337-359, 2021 (Peer-Reviewed Journal)
- X. **Dijital Tedarik Zinciri Yönetiminde Artırılmış Gerçeklik Araçlarına İlişkin Performans Değerlendirilmesi: Bulanık Melez Karar Verme Yaklaşımı**
YILDIZBAŞI A., ERDEBİLLİ B., ÖZEN B., ÖZDEMİR Y. S.
Avrupa Bilim ve Teknoloji Dergisi, vol.0, no.23, pp.149-162, 2021 (Peer-Reviewed Journal)
- XI. **TESİS YERİ SEÇİMİNE YENİ BİR BAKIŞ: KATMANLI ÇOK KRİTERLİ KARAR VERME YÖNTEMİ**
NACAR E. N., ERDEBİLLİ B.
Verimlilik Dergisi, 2021 (Peer-Reviewed Journal)
- XII. **Advances in Big Data Applications for transportation: airline, highway, and railway**
ERDEBİLLİ B., NACAR E. N.
Central European Review of Economics and Management, 2021 (Peer-Reviewed Journal)
- XIII. **EFFECTS OF EXTREMELY LOW-FREQUENCY MAGNETIC FIELD ON HEALTHY FIBROBLASTS AND BREAST CANCER CELLS**
KAYHAN H., ERDEBİLLİ B., GÖNEN S., EŞMEKAYA M. A., ERTEKİN E., CANSEVEN KURŞUN A. G.
JOURNAL OF ISTANBUL FACULTY OF MEDICINE-ISTANBUL TIP FAKULTESİ DERGISI, vol.83, no.4, pp.384-389, 2020 (ESCI)
- XIV. **Performance evaluation of municipal services with fuzzy multi-criteria decision making approaches: a case study from Turkey**
Ozdogan S., YILDIZBAŞI A., ERDEBİLLİ B.
SN Applied Sciences, vol.2, no.6, 2020 (ESCI)
- XV. **Integrated performance evaluation method study and performance based department ranking: a case study**
Senel U. T., ERDEBİLLİ B., tekin s.
SN APPLIED SCIENCES, vol.2, 2020 (ESCI)
- XVI. **Effects of Extremely Low-Frequency Magnetic Field on Healthy Fibroblasts and Breast Cancer Cells**
KAYHAN H., ERDEBİLLİ B., GÖNEN S., EŞMEKAYA M. A., ERTEKİN E., CANSEVEN KURŞUN A. G.
JOURNAL OF ISTANBUL FACULTY OF MEDICINE-ISTANBUL TIP FAKULTESİ DERGISI, vol.83, no.4, pp.384-389, 2020 (ESCI)
- XVII. **BULANIK FINE-KINNEY YÖNTEMİYLE RİSK DEĞERLENDİRMESİ UYGULAMAS**

- ERDEBİLLİ B., GÜR L.
Endüstri Mühendisliği, 2020 (Peer-Reviewed Journal)
- XVIII. **Evaluation of Usability According To The Digital Platforms In Turkey**
ERASLAN E., ERDEBİLLİ B., Nacar E. N.
Ergonomics, vol.2, no.1, pp.18-24, 2019 (Peer-Reviewed Journal)
- XIX. **Multi-area economic dispatching using improved grasshopper optimization algorithm**
Zhang P., Ma W., Dong Y., ERDEBİLLİ B.
Evolving Systems, 2019 (Scopus)
- XX. **A Comparison of Different Multi-Criteria Analyses for Electric Vehicle Charging Station Deployment**
ERDEBİLLİ B., Dogru C. I., aybirdi c. b.
Communications in Mathematics and Applications, vol.10, no.1, pp.145-158, 2019 (ESCI)
- XXI. **The Intuitionistic Fuzzy ELECTRE model**
Rouyendegh (Babek Erdebilli) B.
International Journal of Management Science and Engineering Management, vol.13, no.2, pp.139-145, 2018 (Scopus)
- XXII. **Using Intuitionistic Fuzzy TOPSIS in Site Selection of Wind Power Plants in Turkey**
Rouyendegh (B. Erdebilli) B., Yildizbasi A., Arikan U. Z. B.
Advances in Fuzzy Systems, vol.2018, 2018 (Scopus)
- XXIII. **Development of decision support model for selecting a maintenance plan using a fuzzy MCDM approach: A theoretical framework**
Abdulgader F. S., EİD R., Rouyendegh (B Erdebilli) B.
Applied Computational Intelligence and Soft Computing, vol.2018, 2018 (Scopus)
- XXIV. **A MCDM approach for supplier selection process: A pilot study from Iran**
ERDEBİLLİ B., Gholamrezanezhad F.
Marketing and Branding Research, 2017 (Peer-Reviewed Journal)
- XXV. **A hybrid approach for selecting material handling equipment in a warehouse**
Saputro T. E., Rouyendegh Babek Erdebilli B.
International Journal of Management Science and Engineering Management, vol.11, no.1, pp.34-48, 2016 (Scopus)

Books & Book Chapters

- I. **Analyzing the Solar Energy System Investment in Turkey**
ERDEBİLLİ B., YILMAZ İ., Can R. N.
in: Handbook of Smart Energy Systems, Michel Fathi, Enrico Zio, Panos M. Pardalos, Editor, Springer, Cham, Texas, pp.2653-2684, 2023
- II. **Multiple Criteria Decision Making with Fuzzy Sets**
Erdebilli B. (Editor)
Springer Nature, Zürich, 2022
- III. **Analyzing the Solar Energy System Investment in Turkey**
Can R. N., YILMAZ İ., ERDEBİLLİ B.
in: Handbook of Smart Energy Systems, Fathi, M., Zio, E., Pardalos, P.M., Editor, Springer, Cham, pp.1-32, 2022
- IV. **Performance Measurement of Healthcare: A Case Study for Pilot Hospital**
ERDEBİLLİ B., ÖZDEMİR Y. S.
in: Intelligent and Fuzzy Systems. INFUS 2022. Lecture Notes in Networks and Systems, Cengiz Kahraman, A. Cagri Tolga, Sezi Cevik Onar, Selcuk Cebi, Basar Oztaysi, Irem Ucal Sari, Editor, Springer, pp.400-408, 2022
- V. **BULANIK ÇOK KRİTERLİ KARAR VERME YÖNTEMLERİ - MS Excel ® ve Software Çözümlü Uygulamalar**
YILDIZBAŞI A., YILMAZ İ., ERDEBİLLİ B.
Nobel, 2021
- VI. **A Data Scientific Approach to Measure Hospital Productivity**

ERDEBİLLİ B., oztekin a., Ekong J., deg a.

in: Data Science and Productivity Analytics, Vincent CharlesJuan AparicioJoe Zhu, Editor, Springer, Worcestershire, pp.337-358, 2020

VII. IMPROVING AN INTEGRATED INTUITIONISTIC FUZZY ELECTRE DEA METHODOLOGY

ERDEBİLLİ B.

in: Recent Applications of Data Envelopment Analysis, Ali Emrouznejad, Josef Jablonský, Rajiv Banker and Mehdi Toloo, Editor, University of Economics, Prague, Czech, Prague, pp.141-146, 2017

VIII. IMPROVING AN INTEGRATED INTUITIONISTIC FUZZY ELECTRE DEAMETHODOLOGY

ERDEBİLLİ B.

in: Advanced Business Analytics, Fausto Pedro García Márquez, Benjamin Lev, Editor, Springer International Publishing, pp.181-194, 2015

Refereed Congress / Symposium Publications in Proceedings

I. Category Sort with TODIM Method an Application for Retail Sector E-Commerce Site

Akar A. H., ERDEBİLLİ B.

2nd International Conference on Science, Engineering Management and Information Technology, SEMIT 2023, Ankara, Turkey, 14 - 15 September 2023, vol.2198 CCIS, pp.407-420

II. Evaluation of Renewable Energy Alternative for Ankara and Selection of Appropriate Power Plant Location

ERDEBİLLİ B., Algül F., Koruk M. N.

6th International Conference on Engineering Sciences (ICES 2023), Ankara, Turkey, 3 - 04 February 2023, pp.357-362

III. Selection of best Electric Vehicle and charging stations integrated

ERDEBİLLİ B., SOYGÜDER S., Pourmohammadi Sani S. M.

6th International Conference on Engineering Sciences (ICES 2023), Ankara, Turkey, 3 - 04 February 2023

IV. Determining the Location for Conquest in a Computer Game Using MCDM Methods

ERDEBİLLİ B., Sever Z. M.

INTERNATIONAL CONFERENCE ON SCIENCE, ENGINEERING MANAGEMENT, AND INFORMATION TECHNOLOGY (SEMIT 2023), Ankara, Turkey, 27 December 2023

V. E-Shopping Sites Preference Analysis with Multi-Criteria Decision-Making Methods

ERDEBİLLİ B., Erat V.

International Conference on Science, Engineering Management and Information Technology 2023, Ankara, Turkey, 27 December 2023

VI. Bank Performance Evaluation During Covid-19 in Terms of Customer Perspective Using Fuzzy MCDM

ERDEBİLLİ B., ÖZDEMİR Y. S., SEVİNÇ E.

International Conference on Science, Engineering Management and Information Technology 2023, Ankara, Turkey, 27 December 2023

VII. Category Sort with TODIM Method, an Application for Retail Industry E-Commerce Site

ERDEBİLLİ B., AKAR H.

https://semit2023.refconf.com/data/cnf1668442785/uploads/SEMIT2023-Full_Conference_Book_27-12-2023.pdf, Ankara, Turkey, 27 December 2023

VIII. Supplier Selection in the context of Industry 4.0 using hybrid DEA-SMART Method

ERDEBİLLİ B., hreini P. B.

International Conference on Science, Engineering Management and Information Technology 2023, Ankara, Turkey, 27 December 2023

IX. İtfaiye İstasyonu Yer Seçiminde F-Fucom Yöntemi İle Kriterlerin Sıralanması

ERDEBİLLİ B., USLU G.

5TH INTERNATIONAL CONFERENCE ON APPLIED ENGINEERING AND NATURAL SCIENCES ICAENS 2023, Konya, Turkey, 10 July 2023

- X. **Measuring the Efficiency of Turkish Energy Distribution Companies Using Data Envelopment Analysis**
Polat L., ERDEBİLLİ B., YILDIZBAŞI A.
Science, Engineering Management and Information Technology First International Conference, SEMIT 2022, Virtual, Online, 2 - 03 February 2022, vol.1808 CCIS, pp.97-110
- XI. **Üniversiteler İçin Bulut Bilişim Servis Sağlayıcısı Seçiminde Bulanık ÇÖKV Yöntemlerinin Kullanılması**
ERDEBİLLİ B., ÖZDEMİR Y. S.
The ICASEM 4th International Applied Sciences, Engineering and Mathematics Congress, Tekirdağ, Turkey, 20 - 23 October 2022, pp.176
- XII. **Intelligent and Fuzzy Techniques for Emerging Conditions and Digital Transformation**
ERDEBİLLİ B., ÇİL M.
International Conference on Intelligent and Fuzzy Systems, Turkey, 19 - 21 July 2022
- XIII. **CREATING A GREEN SUPPLIER SELECTION MODEL BY USING INTUITIONISTIC FUZZY TOPSIS METHOD IN AUTOMOBIL MANUFACTURING INDUSTRY**
ERDEBİLLİ B., ERASLAN E., Amirnejad s.
Semit 2022, Ankara, Turkey, 08 September 2022
- XIV. **Hybrid Models for Vendor Selection Problem in Software Industry: A Pilot Case Study**
SOYGÜDER S., ERDEBİLLİ B., Tan A.
International Conference on Intelligent and Fuzzy Systems, INFUS 2022, İzmir, Turkey, 19 - 21 July 2022, vol.505 LNNS, pp.288-295
- XV. **Vendor Selection in IT Using Integrated MCDM and Intuitionistic Fuzzy**
ERDEBİLLİ B., Tan A.
International Conference on Intelligent and Fuzzy Systems, INFUS 2021, İstanbul, Turkey, 24 - 26 August 2021, vol.308, pp.75-83
- XVI. **Investigation of Cotton Production Companies Transition to Industry 4.0 Using the Intuitionistic Fuzzy TOPSIS**
Çil M., ERDEBİLLİ B.
International Conference on Intelligent and Fuzzy Systems, INFUS 2021, İstanbul, Turkey, 24 - 26 August 2021, vol.308, pp.12-19
- XVII. **Fuzzy Distributed Decision Protocols For Sustainable Hybrid Energy Distribution Networks**
ÇAĞLAYAN N., YILMAZ İ., ERDEBİLLİ B.
40. Yöneylem Araştırması ve Endüstri Muhendisliği Ulusal Kongresi (YAEM 40), 5 - 07 July 2021
- XVIII. **A Research on Industry 4.0 Benefits by Using Fuzzy MCDM Method**
Polat L., ERDEBİLLİ B., YILDIZBAŞI A.
Proceedings of 11th International Symposium on Intelligent Manufacturing and Service Systems, Turkey, 27 May 2021
- XIX. **Sales Prediction via Machine Learning Algorithms**
NACAR E. N., ERDEBİLLİ B.
3rd International Istanbul Scientific Research Congress, Turkey, 8 - 10 January 2021
- XX. **Application of Linear Programming Model in Multiple-Criteria Decision Making under the Framework of Data Envelopment Analysis (DEA)**
NACAR E. N., NOROUZİYAN S., ERDEBİLLİ B.
3rd International Istanbul Scientific Research Congress, Turkey, 8 - 10 January 2021
- XXI. **Stratified Fuzzy MCDM Method**
ÇAĞLAYAN N., ERDEBİLLİ B., YILMAZ İ.
5th International Conference on Engineering Sciences, Ankara, Turkey, 19 September 2019, vol.1, pp.108
- XXII. **Blockchain Implementation into Energy Supply Chain: A Transformation Model Proposal**
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- XXIII. **A Game Theoretic Solution Approach for Turkey's S-400 Air Defense System Purchase**
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- XXIV. **A Fuzzy Multi Criteria Decision Making Method to Evaluate Augmented Reality Applications Performance**
ÖZEN B., YILDIZBAŞI A., ERDEBİLLİ B.
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- XXV. **Sectoral Distribution Based on Big Data Analyse & Supply Chain Management : Potential Future Research Proposition With Predictive Analyzse**
Ariöz Y., Yıldızbaşı A., Erdebilli B., Paksoy T.
5.International Engineering Sciences Congress - ICES2019 , Ankara, Turkey, 19 September 2019, pp.77
- XXVI. **Measuring the Efficiency of E-commerce Web Sites : A Fuzzy ANP Model Approach**
Erdebilli B., Ariöz Y.
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- XXVII. **Adapting the Analytic Hierarchy Process (AHP) to a Cancer Research Project: An Example of Interdisciplinary Work.**
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5 th INTERNATIONAL SYMPOSIUM ON MULTIDISCIPLINARY STUDIES (ISMS), Ankara, Turkey, 16 - 17 November 2018, pp.660-661
- XXVIII. **Online meal ordering around university campus area: a plot study**
ERDEBİLLİ B., Memiş R., Mousavi R.
12th International Conferences on New Challenges in International NCM Conference: New Challenges in Industrial Engineering and Operations Management, 11 - 12 September 2018
- XXIX. **A MULTI CRITERIA DECISION MAKING MODEL FOR SOLVING ACADEMICSTAFF SELECTION PROBLEM: A CASE STUDY FROM TURKEY**
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- XXXI. **A STRATEGIC PARTNERSHIP FRAMEWORK USING FUZZY MULTI CRITERIA DECISION MAKING TECHNIQUES: A CASE STUDY IN DEFENSE INDUSTRY**
Ceylan A., ERDEBİLLİ B.
12th International Conferences on New Challenges in International NCM Conference: New Challenges in Industrial Engineering and Operations Management, 11 - 12 September 2018
- XXXII. **An Intuitionistic fuzzy TOPSIS and DEA approach to evaluate retail sector performance**
YILDIZBAŞI A., ERDEBİLLİ B., Öztürk M.
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- XXXIII. **A TOPSIS with Intuitionistic Fuzzy Sets and DEA Approach to Evaluate Retail Industry Performance Ability**
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- XXXIV. **Performance evaluation of green supplier selection problem using DEA intuitionistic fuzzy MCDM method**
YILDIZBAŞI A., ERDEBİLLİ B.
Data Envelopment Analysis International Conference (DEAIC 2018), 13 - 17 July 2018
- XXXV. **The selection of Amphibious Assault Vehicles (AVV) for Landing Platform Dock (LPD) TCG Anadolu by using ELECTRE method**
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- XXXVI. **A Decision Support System for Disaster Response in Humanitarian Relief Logistics**

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- XXXVII. **Evaluation of Industry 4.0 Technologies by VIKOR Method**
Unlu V., YILDIZBAŞI A., ERDEBİLLİ B.
11th-international-conferences-on-new-challenges-in-management-and-business, İstanbul, Turkey, 28 March 2018
- XXXVIII. **IMPROVING AN INTEGRATED INTUITIONISTIC FUZZY ELECTRE DEA METHODOLOGY**
ERDEBİLLİ B.
DEA 2017, pregue, Czech Republic, 26 July - 31 December 2017, pp.141-146
- XXXIX. **The Optimization of PID Controller for Dc-Motor by Using The Modified Particle Swarm Optimization**
Ali A., Ali A., ERDEBİLLİ B.
ICAMT 2017, 25 - 27 October 2017
- XL. **Düşük frekanslı manyetik alan maruziyetinin sağlıklı ve hasta B lenfositleri üzerindeki etkisi**
KAYHAN H., EŞMEKAYA M. A., ERDEBİLLİ B., Dayanır B., KAYHAN E., CANSEVEN KURŞUN A. G., ÖZSUNAR DAYANIR Y.
24.Ulusal İmmünoloji Kongresi, İstanbul, Turkey, 27 April 2017
- XLI. **AHP Approach for Selecting Enterprise Resource Planning (ERP)**
DEMİRKOL D., ERDEBİLLİ B.
New Challenges in Management and Business, 11 - 13 February 2017
- XLII. **Warehouse Selection based on Fuzzy ELECTRE**
ERDEBİLLİ B.
ECCO XXVIII Conference, European Chapter on Combinatorial Optimization, Italy, 28 - 31 May 2015
- XLIII. **An Integrated IFELECTRE Model**
ERDEBİLLİ B.
XIII International Conference on Management and Industrial Engineering (ICMIE 2015), France, 23 January - 24 May 2015
- XLIV. **A hybrid intuitionistic MCDM model for supplier selection**
Rouyendegh B.
5th International Conference on Agents and Artificial Intelligence, ICAART 2013, Barcelona, Spain, 15 - 18 February 2013, vol.2, pp.519-522
- XLV. **Increasing creativity with unusual designs**
Ergin M. H., Rouyendegh B.
2nd World Conference on Learning, Teaching and Educational Leadership, WCLTA-2011, İstanbul, Turkey, 28 - 30 October 2011, vol.31, pp.20-24
- XLVI. **Selection of working area for industrial engineering students**
Rouyendegh B., Can G. F.
2nd World Conference on Learning, Teaching and Educational Leadership, WCLTA-2011, İstanbul, Turkey, 28 - 30 October 2011, vol.31, pp.15-19
- XLVII. **MBA Students' preference on: Online, formal and hybrid MBA programs**
Rouyendegh B., Erkan T. E.
World Conference on Educational Technology Researches, WCETR-2011, Nicosia/Kyrenia, Cyprus (Gkry), 5 - 09 July 2011, vol.28, pp.770-775
- XLVIII. **Improving the creativity in introductory engineering course applying fuzzy network process: A pilot study**
Rouyendegh B., Ergin M. H., Salar M.
World Conference on Educational Technology Researches, WCETR-2011, Nicosia/Kyrenia, Cyprus (Gkry), 5 - 09 July 2011, vol.28, pp.139-143

Activities in Scientific Journals

Journal of Turkish Operations Management (JTOM), First Editor, 2017 - Continues

Metrics

Publication: 126

Citation (WoS): 68

Citation (Scopus): 1218

H-Index (WoS): 2

H-Index (Scopus): 20

Congress and Symposium Activities

Semit International Conference, Moderator, Ankara, Turkey, 2022

Intelligent and Fuzzy Techniques for Emerging Conditions and Digital Transformation , Invited Speaker, İzmir, Turkey, 2021

6th ICES International Conference, Moderator, Ankara, Turkey, 2020

5th ICES International Conference, Moderator, Ankara, Turkey, 2019

12th NCM International Conference, Moderator, Ankara, Turkey, 2018

<http://meetings2.informs.org/wordpress/houston>, Session Moderator, Texas, United States Of America, 2017

3rd International Conference on Information Management and Evaluation(ICIME), Ankara – Turkey April 15-17, 2012.,
Session Moderator, Ankara, Turkey, 2012

Scholarships

2219, TUBITAK, 2015 - 2016

Non Academic Experience

Sultan Qaboos university

Auburn University -USA

University of toronto