Res. Asst. PhD AHMET AKTAŞ

Personal Information

Email: aaktas@gazi.edu.tr
Web: https://avesis.gazi.edu.tr/aaktas

International Researcher IDs
ScholarID: Gnxt6BgAAAAJ
ORCID: 0000-0002-4394-121X
Publons / Web Of Science ResearcherID: A-1780-2012
Yoksis Researcher ID: 25987

Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, -, Turkey 2014 - 2021
Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği (Yl) (Tezli), Turkey 2011 - 2014
Undergraduate, Gazi University, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, Turkey 2007 - 2011

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Şebekeye Bağlı Melez Enerji Sisteminde Üretim ve Depolama Kararları İçin Model Önerisi, Gazi University, Fen Bilimleri Enstitüsü, -, 2021
Postgraduate, Karbon salınımını dikkate alan çok aşamalı çok ürünlü üretim-dağıtım sistemi için hedef programlama modeli, Gazi University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği (Yl) (Tezli), 2014

Research Areas

Industrial Engineering

Academic Titles / Tasks

Research Assistant, Gazi University, Fen Bilimleri Enstitüsü, -, 2014 - 2021
Researcher, Universidade de Coimbra, Faculty of Sciences and Technology, Electrical and Computer Engineering, 2019 - 2020
Research Assistant, Bolu Abant İzzet Baysal University, Faculty Of Engıneerıng, Department Of Industrıal Engıneerıng, 2014 - 2014
Research Assistant, Karadeniz Technical University, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, 2011 - 2013

Published journal articles indexed by SCI, SSCI, and AHCI

Published Journal Articles Indexed by SCI, SSCI, and AHCI

I. **CNC router selection under dynamic fuzzy environment**
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JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.39, no.5, pp.6259-6269, 2020 (SCI-Expanded)

II. **A Hybrid Hesitant Fuzzy Decision-Making Approach for Evaluating Solar Power Plant Location Sites**
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III. **Usability analysis of different distance measures on TOPSIS**
KABAK M., Saglam F., AKTAŞ A.
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IV. **A new evaluation model for service quality of health care systems based on AHP and information axiom**
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Articles Published in Other Journals

I. **Multi-Period Mixed Integer Programming Model for Supply Chain Planning Under Safety Stock**
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Mersin University Journal of Maritime Faculty, vol.2, no.2, pp.44-49, 2020 (Peer-Reviewed Journal)

II. **Veri Zarflama Analizi ile Düzey – 2 Bölgelerinin GSYİH Katkısının Analizi**
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Ankara Hacı Bayram Veli Üniversitesi İktisadi ve İdari Bilimler Fakültesi Dergisi (Online), no.Özel Sayı, pp.191-206, 2020 (Peer-Reviewed Journal)

III. **Optimization of a Grid Connected Hybrid Energy System**
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IV. **Determining the Best Maternity Hospital by Using a Fuzzy Decision Making Model**
ECER AKTAŞ B., AKTAŞ A., KABAK M., DAĞDEVİREN M.
International Journal of Computational and Experimental Science and Engineering, vol.6, no.1, pp.7-12, 2020 (Peer-Reviewed Journal)

V. **Goal Programming Model for Production-Distribution Planning by Considering Carbon Emission**
AKTAŞ A., TEMİZ İ.
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VI. **A goal programming model for grid-connected hybrid energy system operations**
AKTAŞ A., KABAK M.
SN APPLIED SCIENCES, vol.2, no.1, 2020 (ESCI)

VII. **AHP – Binary Linear Programming Approach for Multiple Criteria Real Estate Investment Planning**
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VIII. **Green Supplier Selection of a Textile Manufacturer: A Hybrid Approach based on AHP and VIKOR**
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IX. **Clustering of European Countries in terms of Healthcare Indicators**
ECER AKTAŞ B., AKTAŞ A.
International Journal of Computational and Experimental Science and Engineering, vol.5, no.1, pp.23-26, 2019 (Peer-Reviewed Journal)

Books & Book Chapters

I. **Evaluation of Suppliers in the Perspective of Digital Transformation: A Spherical Fuzzy TOPSIS Approach**
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in: Intelligent and Fuzzy Techniques for Emerging Conditions and Digital Transformation. INFUS 2021. Lecture Notes in Networks and Systems, Kahraman C., Cebi S., Cevik Onar S., Oztaysi B., Tolga A.C., Sari I.U., Editor, Springer International Publishing, pp.724-732, 2021

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III. **Araştırma ve Geliştirme Faaliyetlerinin Etkinliği: Savunma Sanayi Şirketlerinde Toplam Faktör Verimliliği Endeksi ile Bir Uygulama**
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VII. **Analytic Hierarchy Process Method for Antivirus Software Selection**
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IX. **VIKOR Yöntemi ile Araştırma Görevlisi Adaylarının Değerlendirilmesi**
AKTAŞ A., KABAK M.
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X. **Neutrosophic Fuzzy Analytic Hierarchy Process Approach for Safe Cities Evaluation Criteria**
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II. **A Hesitant Fuzzy Linguistic Group Decision Making Model for Energy Storage Unit Selection**
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International Conference on Intelligent and Fuzzy Systems, 21 - 23 July 2020

III. **Hesitant Fuzzy Linguistic VIKOR Method: An Application for Energy Storage Unit Selection**
KABAK M., AKTAŞ A.
10th International Symposium Engineering Management and Competitiveness, 19 - 20 June 2020

IV. **Bölgelerin GSYİH Katkısının İstihdamın Sektörlere Dağılımı Açısından Analizi: Veri Zarflama Analizi Uygulaması**
AKTAŞ A., KABAK M.
20. Uluslararası Ekonometri, Yöneylem Araştırması ve İstatistik Sempozyumu, 12 - 14 February 2020

V. **A goal programming model for grid connected hybrid energy system operations**
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5th International Conference on Engineering Sciences, 19 September 2019

VI. **Linear Programming Model for Optimization of a Grid Connected Hybrid Energy Network for a Province**
AKTAŞ A., KABAK M.
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VII. **AHP – TOPSIS Hybrid Approach for Research Assistant Selection**
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VIII. **Dynamic Intuitionistic Fuzzy Multi Attribute Decision Making for CNC Router Selection**
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IX. **Benchmarking of OECD Countries in Views of Value-Added Manufacturing Using DEA**
ECER AKTAŞ B., AKTAŞ A., KABAK M.
International Data Science Engineering Symposium, Karabük, Turkey, 2 - 03 May 2019

X. **Endüstri Mühendisliği Eğitiminde Alan Dışı Derslerin Uzaktan Eğitim ile Öğretilmeye Uygunluğunun Değerlendirilmesi**
AKTAŞ A., ECER AKTAŞ B., KABAK M.
International Instructional Technologies in Engineering Education Conference, İzmir, Turkey, 29 March 2019

XI. **Neutrosophic Fuzzy Analytic Hierarchy Process Approach for Safe Cities Evaluation Criteria**
Aydin S., AKTAŞ A., KABAK M.
13th International Conference on Application of Fuzzy Systems and Soft Computing (ICAFS), Warszawa, Poland, 27 - 28 August 2018, vol.896, pp.958-965

XII. **AHP – VIKOR Approach for Green Supplier Selection**
ECER AKTAŞ B., AKTAŞ A., KABAK M.
The 12th International NCM Conference: New Challenges in Industrial Engineering and Operations Management (NCM2018), 11 - 12 September 2018

XIII. **0 – 1 Integer Programming Model for Multiple Criteria Real Estate Investment Planning**
ECER AKTAŞ B., AKTAŞ A., KABAK M.
The 12th International NCM Conference: New Challenges in Industrial Engineering and Operations Management (NCM2018), 11 - 12 September 2018

XIV. **A Hybrid Multiple Criteria Approach For Website Performance Evaluation of Tourism Companies**
KABAK M., AKTAŞ A., DAĞDEVİREN M.
2. Uluslararası Sosyal Bilimler Kongresi, 23 - 25 March 2018

XV. **CBS Tabanlı Bulanık VIKOR Yöntemi Aracılığıyla CTP Boru Üretim Tesisi Yer Seçimi: Güneydoğu**

Anadolu Bölgesi İçin Bir Uygulama
JAVADI H., AKTAŞ A., KABAK M.
I. Uluslararası İKSAD Sosyal Bilimler Kongresi, 9 - 11 March 2018

XVI. **Bulanık Analitik Hiyerarşi Yöntemi ve Coğrafi Bilgi Sistemi Yardımıyla Tesis Yer Seçimi: CTP Boru Fabrikası İçin Bir Uygulama**
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XVII. **A Hybrid Multiple Criteria Decision Making Approach for Academic Staff Selection**
AKTAŞ A., ECER AKTAŞ B., KABAK M., DAĞDEVİREN M.
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XVIII. **A New Integer Programming Model for Inverse Multiple Criteria Sorting Problem**
ECER AKTAŞ B., AKTAŞ A., DAĞDEVİREN M., KABAK M.
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XIX. **A Hesitant Fuzzy Approach for Ranking of European Countries in Terms of Healthcare Services**
AKTAŞ A., KABAK M.
5th International Fuzzy Systems Symposium, 14 - 15 October 2017

XX. **Veri Zarflama Analizi İle Performans Ölçümü: Spor Toto Süper Lig Uygulaması**
ECER AKTAŞ B., AKTAŞ A., KABAK M., ÖZCEYLAN E.
XVIII. Uluslararası Ekonometri Yöneylem Araştırması ve İstatistik Sempozyumu, 5 - 07 October 2017

XXI. **A Hybrid Decision Making Model for Stroller Selection**
ECER AKTAŞ B., AKTAŞ A., KABAK M., DAĞDEVİREN M.
4th International Conference on Computational and Experimental Science and Engineering, 4 - 08 October 2017

XXII. **A Fuzzy Decision Making Model for Determining the Best Maternity Hospital**
ECER AKTAŞ B., DAĞDEVİREN M., KABAK M., AKTAŞ A.
4th International Conference on Computational and Experimental Science and Engineering, 4 - 08 October 2017

XXIII. **Exam Scheduling via Linear Programming: A Case Study**
ECER AKTAŞ B., AKTAŞ A., DAĞDEVİREN M., KABAK M.
4th International Conference on Computational and Experimental Science and Engineering, 4 - 08 October 2017

XXIV. **Clustering of European Countries in terms of Healthcare Indicators**
ECER AKTAŞ B., AKTAŞ A.
4th International Conference on Computational and Experimental Science and Engineering, 4 - 08 October 2017

XXV. **Development of an Early Warning Model Based on MCDM for Disaster Risk Management**
YÜKSEL İ., AKTAŞ A., TOPRAKLI A. Y., KABAK M.
19th International Conference on Researches in Science Technology, 27 - 28 July 2017

XXVI. **A Hybrid Approach Based On Hesitant Fuzzy Sets: Vehicle Selection Problem Application**
AKTAŞ A., KABAK M., YÜKSEL İ.
19th International Conference on Researches in Science Technology, 27 - 28 July 2017

XXVII. **Development of an Early Warning Model for Disaster Risk Management Using DEMATEL and ANP**
YÜKSEL İ., AKTAŞ A., TOPRAKLI A. Y., KABAK M.
19th International Conference on Researches in Science Technology, 27 - 28 July 2017

XXVIII. **An Analytic Decision Making Approach For Investment Alternative Selection**
AKTAŞ A., KABAK M., DAĞDEVİREN M., YÜKSEL İ.
6th World Conference on Business, Economics and Management, 4 - 06 May 2017

XXIX. **Business Performance Evaluation Based On 7M Method And MCDM: A Case Study For An Architecture Firm**
YÜKSEL İ., AKTAŞ A., TOPRAKLI A. Y., KABAK M.
6th World Conference on Business, Economics and Management, 4 - 06 May 2017

XXX. **Data Envelopment Analysis and Malmquist Index Application for Logistics Performance Evaluation of Countries**
ECER AKTAŞ B., AKTAŞ A.
14th International Logistics and Supply Chain Congress, İzmir, Turkey, 1 - 02 December 2016, pp.593-598

XXXI. **A Model for Evacuating Survivors Before Contaminated by Chemical Agent**
BOYRAZ T., AKGÜN İ., AKTAŞ A.
14th International Logistics and Supply Chain Congress, İzmir, Turkey, 1 - 02 December 2016, pp.27-36

XXXII. **Solar Panel Site Selection Using Hesitant Fuzzy Decision Making**
AKTAŞ A., KABAK M.
14th International Logistics and Supply Chain Congress, İzmir, Turkey, 1 - 02 December 2016, pp.361-368

XXXIII. **An Analytic Method Proposal to Determine Academic Incentive Payments**
AKTAŞ A., ECER B., KABAK M.
International Conference on Research in Education and Science, Muğla, Turkey, 19 - 22 May 2016, pp.510-514

XXXIV. **A Group Decision Making Model for Determining Undergraduate Elective Courses**
ECER B., AKTAŞ A.
International Conference on Research in Education and Science, Muğla, Turkey, 19 - 22 May 2016, pp.88-91

XXXV. **A Multiple Criteria Decision Making Model Proposal for Supervisor Selection of Postgraduate Education Students**
AKTAŞ A., ECER B., KABAK M.
International Conference on Research in Education andScience, Muğla, Turkey, 19 - 22 May 2016, pp.84-87

XXXVI. **A model proposal for locating wind turbines**
AKTAŞ A., KABAK M.
12th International Conference on Application of Fuzzy Systems and Soft Computing (ICAFS), Vienna, Austria, 29 - 30 August 2016, vol.102, pp.426-433

XXXVII. **Türkiye ye Gelen Yabancı Turist Sayısının Zaman Serileri Analizi Teknikleri ile Tahmin Edilmesi**
AKTAŞ A., TEMİZ İ., KABAK M.
35. Ulusal Yöneylem Araştırması ve Endüstri Mühendisliği Kongresi, Turkey, 9 - 11 September 2015

XXXVIII. **A New Decision Making Model for Bank Branch Location Selection**
DAĞDEVİREN M., AKTAŞ A., AKSAKAL E., KABAK M.
23rd International Conference on Multiple Criteria Decision Making, Hamburg, Germany, 2 - 07 August 2015

XXXIX. **Site Selection for Wind Energy Plant by Using Analytic Network Process**
AKSAKAL E., AKTAŞ A., KABAK M., DAĞDEVİREN M.
23rd International Conference on Multiple Criteria Decision Making, Hamburg, Germany, 2 - 07 August 2015

XL. **Multi Objective Optimization of a Production Distribution Network with Different Transportation Alternatives**
AKTAŞ A., TEMİZ İ.
Joint Symposium on IMSS'14 and CIE'44, İstanbul, Turkey, 14 - 16 October 2014

XLI. **Determining Mobile Communication Operators Efficiency by using DEA**
AKTAŞ A., TEMİZ İ.
20th Conference of the International Federation of Operational Research Societies, BARSELONA, Spain, 13 - 18 July 2014

XLII. **Taşıma Alternatifleri ve Malzeme Yönetimi Kısıtları Altında Bir Tamsayılı Üretim Dağıtım Planlama Modeli**
AKTAŞ A., TEMİZ İ.
3. Ulusal Lojistik ve Tedarik Zinciri Yönetimi Kongresi, Trabzon, Turkey, 15 - 17 May 2014

XLIII. **Emniyet Stoğu Uygulamasını İçeren Çok Dönemli Tedarik Zinciri Planlaması İçin Bir Doğrusal Programlama Modeli**
TEMİZ İ., AKTAŞ A.
3. Ulusal Lojistik ve Tedarik Zinciri Yönetimi Kongresi, Trabzon, Turkey, 15 - 17 May 2014

XLIV. **A New Mathematical Model For Integrated Supply Chain Management**
AKTAŞ A., TEMİZ İ.
11th International Logistics and Supply Chain Congress, Kayseri, Turkey, 7 - 09 November 2013, pp.29-35

XLV. **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

Metrics

Publication: 68
Citation (WoS): 78
Citation (Scopus): 87
H-Index (WoS): 5
H-Index (Scopus): 6

Scholarships

2214-A Yurt Dışı Doktora Sırası Araştırma Burs Programı, TUBITAK, 2019 - 2020