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Education Information

Doctorate, Ataturk University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği Anabilim Dalı, Turkey 2016 - 2021

Postgraduate, Ataturk University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği Anabilim Dalı, Turkey 2013 - 2016

Undergraduate, Ataturk University, Mühendislik Fakültesi, Endüstri Mühendisliği, Turkey 2009 - 2013

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, YENİLENEBİLİR ENERJİ SİSTEMİNİN ANALİZİ İÇİN STOKASTİK MODEL VE ÇÖZÜM YAKLAŞIMLARI, Ataturk University, Fen Bilimleri Enstitüsü, 2020

Postgraduate, ÇOK KRİTERLİ YER SEÇİMİ PROBLEMİNE STOKASTİK AHP, BULANIK MOORA VE BULANIK VIKOR YAKLAŞIMLARI VE BİR UYGULAMA, Ataturk University, Fen Bilimleri Enstitüsü, 2015

Research Areas

Industrial Engineering , Optimization Theory and Methods, Linear Programming, Engineering and Technology

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Developing a new optimization energy model using fuzzy linear programming**
EMEÇ Ş., AKKAYA G.
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.40, no.5, pp.9529-9542, 2021 (SCI-Expanded)
- II. **Stochastic AHP and fuzzy VIKOR approach for warehouse location selection problem**
EMEÇ Ş., AKKAYA G.
JOURNAL OF ENTERPRISE INFORMATION MANAGEMENT, vol.31, no.6, pp.950-962, 2018 (SSCI)

Articles Published in Other Journals

- I. **Techno-economic analysis of a university's electrical energy consumption with hybrid systems**
EMEÇ Ş., AKKAYA G.
JOURNAL OF INFORMATION & OPTIMIZATION SCIENCES, vol.42, no.2, pp.417-430, 2021 (ESCI)
- II. **A Hybrid Fuzzy Multi-Criteria Decision-Making Approach for Data Center Location Selection**
Yuna F., Emeç Ş., Albayrak Ö., Kılıç R., Usanmaz B., Erkeyman B.
Brilliant Engineering, vol.1, no.1, pp.13-20, 2020 (Peer-Reviewed Journal)
- III. **A STOCHASTIC MULTI-CRITERIA DECISION-MAKING ANALYSISFOR A WAREHOUSE LOCATION SELECTION PROBLEM: A CASESTUDY**
EMEÇ Ş., AKKAYA G.
International Journal of Research -GRANTHAALAYAH, vol.7, no.12, pp.133-143, 2019 (Peer-Reviewed Journal)
- IV. **An Integrated IF-AHP and IF-TOPSIS method for Neuroimaging Techniques Selection**
ADAR T., EMEÇ Ş., KILIÇ DELİCE E., AKKAYA G.
Turkish Journal of Fuzzy Systems, vol.10, no.1, pp.14-38, 2019 (Peer-Reviewed Journal)
- V. **Efficiency Assessment of Hydroelectric Power Plant in Turkey by Data Envelopment Analysis (DEA)**
EMEÇ Ş., ADAR T., AKKAYA G., KILIÇ DELİCE E.
European Journal of Science and Technology, pp.34-45, 2019 (Peer-Reviewed Journal)
- VI. **A Comprehensive Analysis of Location Selection Problem forUnderground Waste Containers Using Integrated MCHFLTSM AIRCA and MABAC Methods**
KILIÇ DELİCE E., ADAR T., EMEÇ Ş., AKKAYA G.
European Journal of Science and Technology, pp.15-33, 2019 (Peer-Reviewed Journal)
- VII. **An Integrated MCDM for a Medical Company Selection in Health Sector**
EMEÇ Ş., TURANOĞLU B., ÖZTAŞ S., AKKAYA G.
International Journal of Scientific and Technological Research, 2019 (Peer-Reviewed Journal)
- VIII. **SAĞLIK SEKTÖRÜNDE ZİHİNSEL İŞ YÜKÜ DEĞERLENDİRMESİ VE BİR UYGULAMA**
EMEÇ Ş., AKKAYA G.
ERGONOMICS, vol.1, pp.156-162, 2018 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **ENTEGRE BULANIK VIKOR AHP YÖNTEMİ KULLANILARAK ALTERNATİF YENİLENEBİLİR ENERJİ SEÇİMİ: ERZURUM ÖRNEĞİ**
EMEÇ Ş., AKKAYA G.
in: Mühendislik Bilimlerinde Güncel Akademik Çalışmalar-2018, SALMAN Serdar,KAVAK Duygu,KILIÇER Ali, Editor, IVPE, pp.271-283, 2018

Refereed Congress / Symposium Publications in Proceedings

- I. **Etkinlik Analizinde Veri Zarflama Analiz Modellerinin Karşılaştırılması**
EMEÇ Ş., ADAR T., AKKAYA G., KILIÇ DELİCE E.
V. International Congress on Natural and Health Sciences (ICNHS-2019), Adana, Turkey, 13 - 15 December 2019, pp.840-847
- II. **Türkiye'deki Hidroelektrik Santrallerin Etkinliklerinin Ölçümünde Veri Zarflama Analiz Modellerinin Karşılaştırılması**
EMEÇ Ş., ADAR T., AKKAYA G., KILIÇ DELİCE E.
V. International Congress on Natural and Health Sciences (ICNHS-2019), Adana, Turkey, 13 - 15 December 2019, pp.857-865
- III. **Ülkelerin Yükseköğretim Eğitim Performanslarının Analizi**
ADAR T., EMEÇ Ş., KILIÇ DELİCE E., AKKAYA G.
V. International Congress on Natural and Health Sciences (ICNHS-2019), Adana, Turkey, 13 - 15 December 2019,

pp.848-856

- IV. **TURKEY'S ELECTRICITY CONSUMPTION FORECASTINGwith ARTIFICIAL NEURAL NETWORKS**
EMEÇ Ş., AKKAYA G.
4TH INTERNATIONAL ENERGY ENGINEERING CONGRESS, 24 - 25 October 2019, pp.368-374
- V. **Efficiency Assessment of Wind Power Plants in Turkey**
EMEÇ Ş., ADAR T., AKKAYA G., KILIÇ DELİCE E.
3rd International Conference on Advanced Engineering Technologies, Bayburt, Turkey, 19 - 21 September 2019, pp.1140-1147
- VI. **Efficiency Assessment of Geothermal Power Plants in Turkey**
EMEÇ Ş., ÇOMAKLI SÖKMEN Ö., AKKAYA G., YILMAZ M.
3rd International Conference on Advanced Engineering Technologies, 19 September - 21 October 2019, pp.1127-1133
- VII. **An Overview of Chinese Postman Problem**
Çomaklı Sökmen Ö., Emeç Ş., Yılmaz M., Akkaya G.
3rd International Conference on Advanced Engineering Technologies, Erzurum, Turkey, 19 September - 21 October 2019, pp.1219-1228
- VIII. **Investigation of the effect of the number of criteria on the threshold value in Autocratic MAGDM methodology based on Interval valued intuitionistic fuzzy set (IVIF): An application via MATLAB software**
YUNA F., ADAR T., EMEÇ Ş., KILIÇ DELİCE E., AKKAYA G.
3rd International Conference on Advanced Engineering Technologies, Bayburt, Turkey, 19 - 21 September 2019, pp.1148-1156
- IX. **Location Selection for Underground Waste Containers Using Integrated MC-HFLTSM AIRCA Method**
KILIÇ DELİCE E., ADAR T., EMEÇ Ş., AKKAYA G.
International Congress on Human-Computer Interaction, Optimization and Robotic Applications (HORA 2019), Ürgüp, Nevşehir, Turkey, 5 July - 07 September 2019
- X. **Efficiency Assessment of Hydroelectric Power Plant in Turkey by Data Envelopment Analysis (DEA)**
EMEÇ Ş., ADAR T., AKKAYA G., KILIÇ DELİCE E.
International Congress on Human-Computer Interaction, Optimization and Robotic Applications (HORA 2019), Ürgüp, Nevşehir, Turkey, 5 - 07 July 2019
- XI. **Measurement of Efficiency of Branches for A Firm with Data Envelopment Analysis**
ÇOMAKLI SÖKMEN Ö., EMEÇ Ş., YILMAZ M., AKKAYA G.
International Symposium on Applied Sciences and Engineering (ISASE 2018), 26 - 28 November 2018, pp.178-182
- XII. **TÜRKİYE İÇİN ALTERNATİF YENİLENEBİLİR ENERJİ KAYNAK SEÇİMİ PROBLEMİ**
EMEÇ Ş., AKKAYA G.
V. Uluslararası Multidisipliner Çalışmaları Sempozyumu (ISMS), 16 - 17 November 2018, vol.2, pp.131-150
- XIII. **SAĞLIK SEKTÖRÜNDE ÖZNEL İŞ YÜKÜ DEĞERLENDİRMESİ VE BİR UYGULAMA**
EMEÇ Ş., AKKAYA G.
24. Ulusal Ergonomi Kongresi, Erzurum, Turkey, 28 - 30 September 2018
- XIV. **TESİS DÜZENLEME PROBLEMLERİ İÇİN YAKINLIK ORANLARININ BULANIK SİSTEM YAKLAŞIMI İLE BELİRLENMESİ**
TURANOĞLU B., AKKAYA G., EMEÇ Ş.
ULUSLARARASI KATILIMLI 16. ÜRETİM ARAŞTIRMALARI SEMPOZYUMU, 12 - 14 October 2016
- XV. **DEPO YERİ SEÇİMİ PROBLEMİNE STOKASTİK AHP ve BULANIK VIKOR YAKLAŞIMI BİR UYGULAMA**
EMEÇ Ş., AKKAYA G., TURANOĞLU B.
ULUSLARARASI KATILIMLI 16. ÜRETİM ARAŞTIRMALARI SEMPOZYUMU, 12 - 14 October 2016
- XVI. **An Integrated AHP and Fuzzy MOORA Methodology for Medical Company Selection in Health Sector**
YAYLA Ş., TURANOĞLU B., ÖZTAŞ S., AKKAYA G.
Fuzzy Kongresi, Yıldız Teknik Üniversitesi, İstanbul, Turkey, 5 - 07 November 2015
- XVII. **Tedarikçi Medikal Firmasının Bütünleşik AHP ve Bulanık VIKOR Yöntemi ile Seçimi Sağlık Sektöründe Bir Uygulama**

Yayla Ş., Turanoğlu B., Öztaş S., Akkaya G.

35. Yöneylem Araştırması ve Endüstri Mühendisliği Ulusal Kongresi, Ankara, Turkey, 9 - 11 September 2015

Metrics

Publication: 28

Citation (WoS): 32

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