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Kişisel Bilgiler

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Publons / Web Of Science ResearcherID: ABA-1833-2020

Yoksis Araştırmacı ID: 227874

Eğitim Bilgileri

Doktora, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği, Türkiye 2017 - 2022

Yüksek Lisans, Boğaziçi Üniversitesi, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği, Türkiye 2014 - 2017

Lisans, Bilkent Üniversitesi, Mühendislik Fakültesi, Endüstri Mühendisliği, Türkiye 2009 - 2014

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Convenient Site Selection of a Floating PV Power Plant in Türkiye by using GIS-Fuzzy Analytical Hierarchy Process**
Karipoğlu F., KOCA K., İLBAHAR E.
Environmental Science and Pollution Research, cilt.31, sa.15, ss.23193-23210, 2024 (SCI-Expanded)
- II. **Assessment of governmental strategies for sustainable environment regarding greenhouse gas emission reduction under uncertainty**
KARAŞAN A., Gündoğdu F. K., Işık G., KAYA İ., İLBAHAR E.
Journal of Environmental Management, cilt.349, 2024 (SCI-Expanded)
- III. **An integrated Pythagorean fuzzy-based methodology for sectoral prioritization of industry 4.0 with lean supply chain perspective**
KAYA İ., KARAŞAN A., İLBAHAR E., CEBECİ B.
International Journal of Computer Integrated Manufacturing, 2024 (SCI-Expanded)
- IV. **A design methodology based on two dimensional fuzzy linguistic variables for attribute control charts with real case applications**
KAYA İ., İLBAHAR E., KARAŞAN A.
Engineering Applications of Artificial Intelligence, cilt.126, 2023 (SCI-Expanded)
- V. **Evaluation of sustainable energy planning scenarios with a new approach based on FCM, WASPAS and impact effort matrix**
İLBAHAR E., Kahraman C., ÇEBİ S.
ENVIRONMENT DEVELOPMENT AND SUSTAINABILITY, cilt.25, sa.10, ss.11931-11955, 2023 (SCI-Expanded)
- VI. **Appraisal of smart factory design for advance manufacturing plants based on transition strategies by using an integrated fuzzy decision-making methodology**
KAYA İ., KARAŞAN A., Güvercin Ö., İLBAHAR E., BARAÇLI H.
International Journal of Computer Integrated Manufacturing, cilt.36, sa.8, ss.1153-1177, 2023 (SCI-Expanded)
- VII. **A combined methodology based on Z-fuzzy numbers for sustainability assessment of hydrogen energy storage systems**
İlbahar E., Çolak M., Karaşan A., Kaya İ.

International Journal of Hydrogen Energy, cilt.47, sa.34, ss.15528-15546, 2022 (SCI-Expanded)

- VIII. **Customer-oriented product design using an integrated neutrosophic AHP & DEMATEL & QFD methodology**
KARAŞAN A., İLBAHAR E., ÇEBİ S., Kahraman C.
Applied Soft Computing, cilt.118, 2022 (SCI-Expanded)
- IX. **Risk assessment of renewable energy investments: A modified failure mode and effect analysis based on prospect theory and intuitionistic fuzzy AHP**
İLBAHAR E., Kahraman C., ÇEBİ S.
ENERGY, cilt.239, 2022 (SCI-Expanded)
- X. **Risk assessment of R&D projects: a new approach based on IVIF AHP and fuzzy axiomatic design**
İLBAHAR E., ÇEBİ S., Kahraman C.
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, cilt.42, sa.1, ss.605-614, 2022 (SCI-Expanded)
- XI. **Location selection for waste-to-energy plants by using fuzzy linear programming**
İLBAHAR E., Kahraman C., ÇEBİ S.
ENERGY, cilt.234, 2021 (SCI-Expanded)
- XII. **A Multi-criteria Assessment of Biomass Conversion Technologies with Pythagorean Fuzzy Axiomatic Design Approach**
İLBAHAR E., ÇEBİ S., Kahraman C.
JOURNAL OF MULTIPLE-VALUED LOGIC AND SOFT COMPUTING, cilt.37, sa.3-4, ss.317-334, 2021 (SCI-Expanded)
- XIII. **Prioritization of renewable energy sources using multi-experts Pythagorean fuzzy WASPAS**
İLBAHAR E., ÇEBİ S., Kahraman C.
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, cilt.39, sa.5, ss.6407-6417, 2020 (SCI-Expanded)
- XIV. **A novel pythagorean fuzzy AHP and its application to landfill site selection problem**
KARAŞAN A., İLBAHAR E., KAHRAMAN C.
SOFT COMPUTING, cilt.23, sa.21, ss.10953-10968, 2019 (SCI-Expanded)
- XV. **A state-of-the-art review on multi-attribute renewable energy decision making**
İLBAHAR E., ÇEBİ S., Kahraman C.
ENERGY STRATEGY REVIEWS, cilt.25, ss.18-33, 2019 (SCI-Expanded)
- XVI. **Selection Among GSM Operators Using Pythagorean Fuzzy WASPAS Method**
Kahraman C., Çevik Onar S., Öztayşi B., İLBAHAR E.
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- XVII. **A new risk assessment approach: Safety and Critical Effect Analysis (SCEA) and its extension with Pythagorean fuzzy sets**
KARAŞAN A., İLBAHAR E., ÇEBİ S., Kahraman C.
SAFETY SCIENCE, cilt.108, ss.173-187, 2018 (SCI-Expanded)
- XVIII. **A novel approach to risk assessment for occupational health and safety using Pythagorean fuzzy AHP & fuzzy inference system**
İLBAHAR E., KARAŞAN A., ÇEBİ S., Kahraman C.
SAFETY SCIENCE, cilt.103, ss.124-136, 2018 (SCI-Expanded)
- XIX. **Retail store performance measurement using a novel interval-valued Pythagorean fuzzy WASPAS method**
İLBAHAR E., Kahraman C.
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- XX. **Prioritization of production strategies of a manufacturing plant by using an integrated intuitionistic fuzzy AHP & TOPSIS approach**
KARAŞAN A., Erdogan M., İLBAHAR E.
JOURNAL OF ENTERPRISE INFORMATION MANAGEMENT, cilt.31, sa.4, ss.510-528, 2018 (SSCI)
- XXI. **Classification of design parameters for E-commerce websites: A novel fuzzy Kano approach**
İLBAHAR E., ÇEBİ S.
TELEMATICS AND INFORMATICS, cilt.34, sa.8, ss.1814-1825, 2017 (SSCI)
- XXII. **A fuzzy information axiom based method to determine the optimal location for a biomass power**

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Energy, cilt.116, ss.894-907, 2016 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Analysis of Parameters Affecting The Smart Phone Design By Using Fuzzy Kano Model**
Çebi S., İlbahar E.
Alphanumeric Journal, cilt.6, ss.83-92, 2018 (Hakemli Dergi)
- II. **Tersanelerde Yaşanan Mesleki Risklerin Analizi için Bulanık PapyonModel Önerisi**
Çebi S., İlbahar E.
Journal of Eta Maritime Science, cilt.6, ss.141-157, 2018 (Hakemli Dergi)
- III. **Warehouse risk assessment using interval valued intuitionistic fuzzy AHP**
ÇEBİ S., İlbahar E.
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Kitap & Kitap Bölümleri

- I. **Bulanık Analitik Hiyerarşi Prosesi: Buckley AHP ve Proje Risk Yönetimine Uygulanması**
İLBAHAR E., ÇEBİ S.
BULANIK ÇOK KRİTERLİ KARAR VERME YÖNTEMLERİ - MS EXCEL VE SOFTWARE ÇÖZÜMLÜ UYGULAMALAR,
Mehmet Kabak, Babek Erdebili, Editör, NOBEL AKADEMİK YAYINCILIK EĞİTİM DANIŞMANLIK, ss.28-47, 2021
- II. **Integration of Quality FunctionDeployment with IVIF-AHP and Kano Model for Customer Oriented Product Design**
Özalp M., Kucukbas D., İLBAHAR E., ÇEBİ S.
Customer Oriented Product DesignIntelligent and Fuzzy Techniques, Cengiz Kahraman, Selcuk Cebi, Editör,
Springer, ss.93-106, 2020
- III. **Classification of Laptop DesignAttributes Using Fuzzy Kano Model**
İLBAHAR E., ÇEBİ S., KAHRAMAN C.
Customer Oriented Product DesignIntelligent and Fuzzy Techniques, Cengiz Kahraman, Selcuk Cebi, Editör,
Springer, ss.239-250, 2020
- IV. **Website Design Using Pythagorean FuzzyAxiomatic Design**
İLBAHAR E., ÇEBİ S., KAHRAMAN C.
Customer Oriented Product DesignIntelligent and Fuzzy Techniques, Cengiz Kahraman, Selcuk Cebi, Editör,
Springer, ss.169-183, 2020
- V. **Wind Energy Investment Analyses Based on Fuzzy Sets**
Kahraman C., Çevik Onar S., Öztayşi B., Uçal Sarı İ., İlbahar E.
Energy Management—Collective and Computational Intelligence with Theory and Applications, Kahraman C.,
Kayakutlu G., Editör, Springer, Cham, ss.141-166, 2018
- VI. **Maritime Environmental Disaster Management Using Intelligent Techniques**
AKYÜZ E., İLBAHAR E., ÇEBİ S., ÇELİK M.
Intelligence Systems in Environmental Management Theory and Applications, Kahraman Cengiz, Ucal Sari Irem,
Editör, Springer, ss.135-155, 2017

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Prioritization of the Potential Sectors for CO2 Emission Reduction based on International Policies: A Case of Turkey**

Gundogdu F. K., İLBAHAR E., KARAŞAN A., KAYA İ., ÖZKAYA B.

International Conference on Decision Aid Sciences and Applications (DASA), Chiang-Rai, Tayland, 23 - 25 Mart 2022, ss.1544-1548

II. Risk Assessment of WtE Plants by Using a Modified Fuzzy SCEA Approach

İLBAHAR E., ÇEBİ S., Kahraman C.

4th International Conference on Intelligent and Fuzzy Systems (INFUS), Bornova, Türkiye, 19 - 21 Temmuz 2022, cilt.505, ss.225-232

III. Social Acceptability Assessment of Renewable Energy Policies: An Integrated Approach Based on Fuzzy BOCR

İLBAHAR E., ÇEBİ S., KAHRAMAN C.

International Conference on Intelligent and Fuzzy Systems (INFUS2021), İstanbul, Türkiye, 24 Ağustos 2021, ss.93-100

IV. Sectoral Prioritization of Industry 4.0 under Lean Supply Chain with an Integrated Fuzzy Decision-Making Approach: The Case of Turkey

KARAŞAN A., İLBAHAR E., KAYA İ., Cebeci B.

6th International Forum on Research and Technology for Society and Industry, RTSI 2021, Virtual, Online, İtalya, 6 - 09 Eylül 2021, ss.441-445

V. Prioritization of Smart Factory Transition Strategies for Manufacturing Plants with an Integrated Fuzzy Decision-Making Approach: The Case of Turkey

İLBAHAR E., KARAŞAN A., KAYA İ.

6th International Forum on Research and Technology for Society and Industry, RTSI 2021, Virtual, Online, İtalya, 6 - 09 Eylül 2021, ss.435-440

VI. An Intuitionistic Fuzzy Axiomatic Design Approach for the Evaluation of Solid Waste Disposal Methods

Çebi S., İlbahar E., Kahraman C.

INFUS: International Conference on Intelligent and Fuzzy Systems, İstanbul, Türkiye, 23 - 25 Temmuz 2019, ss.537-545

VII. Assessment of Renewable Energy Alternatives with Pythagorean Fuzzy WASPAS Method: A Case Study of Turkey

İlbahar E., Çebi S., Kahraman C.

INFUS: International Conference on Intelligent and Fuzzy Systems, İstanbul, Türkiye, 23 - 25 Temmuz 2019, ss.888-895

VIII. Tersanelerde Yaşanan Mesleki Risklerin Analizi için Bulanık Papyon Model Önerisi

ÇEBİ S., İLBAHAR E.

37. Yöneylem Araştırması ve Endüstri Mühendisliği, Ulusal kongresi, İstanbul, Türkiye, 5 - 07 Temmuz 2017

IX. Using Fuzzy AHP and Conjoint Analysis to Identify Importance Degrees of Parameters on Academic Performance

İLBAHAR E., ÇEBİ S., GÜLER M. G.

The 4th International Fuzzy Systems Symposium, 5 - 06 Kasım 2015

X. Ege Bölgesi nde Kurulması Planlanan Biyokütle Enerji Tesisi için Tesis Yeri Seçimi

ÇEBİ S., ATASOY A., İLBAHAR E.

YAEM 2015, Türkiye, 9 - 11 Eylül 2015

Metrikler

Yayın: 44

Atif (WoS): 634

Atif (Scopus): 792

H-İndeks (WoS): 9

H-İndeks (Scopus): 10