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International Researcher IDs

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Education Information

Doctorate, Worcester Polytechnic Institute, Institute, Business School, United States Of America 2023 - Continues

Doctorate, Ankara Yildirim Beyazit University, Mühendislik ve Doğa Bilimleri Fakültesi, Endüstri Mühendisliği, Turkey 2020 - Continues

Postgraduate, Ankara Yildirim Beyazit University, Mühendislik ve Doğa Bilimleri Fakültesi, Endüstri Mühendisliği, Turkey 2018 - 2020

Undergraduate, Poznań University of Technology, Engineering Management, Poland 2016 - 2017

Undergraduate, Selcuk University, Faculty Of Engineering, Department Of Industrial Engineering, Turkey 2013 - 2017

Dissertations

Postgraduate, A Novel Optimization Model for Recycling Electronic Cards with Simultaneous Open-loop Network Design and Circular Economy Perspective, Ankara Yildirim Beyazit University, Mühendislik ve Doğa Bilimleri Fakültesi, Endüstri Mühendisliği, 2018

Research Areas

Engineering and Technology

Academic Titles / Tasks

Researcher, Worcester Polytechnic Institute, Institute, Business School, 2023 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

1. Systematic literature review based on the descriptive, bibliometric, and content analysis of renewable energy supply chain for a circular economy

Ariöz Y., Yıldızbaşı A., Özceylan E., Yılmaz İ.

Journal of Renewable and Sustainable Energy, vol.16, no.2, 2024 (SCI-Expanded)

II. **Green supplier selection in new era for sustainability: A novel method for integrating big data analytics and a hybrid fuzzy multi-criteria decision making**

YILDIZBAŞI A., ARIÖZ Y.

Soft Computing, vol.26, no.1, pp.253-270, 2022 (SCI-Expanded)

III. **A novel hybrid network optimization model for printed circuit boards recycling: a circular economy perspective**

YILDIZBAŞI A., ARIÖZ Y.

Clean Technologies and Environmental Policy, vol.23, no.10, pp.2989-3013, 2021 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

I. **Big Data-Driven in COVID-19 Pandemic Management System: Evaluation of Barriers with Spherical Fuzzy AHP Approach**

ARIÖZ Y., YILMAZ İ., YILDIZBAŞI A., ÖZTÜRK C.

International Conference on Intelligent and Fuzzy Systems, INFUS 2021, İstanbul, Turkey, 24 - 26 August 2021, vol.308, pp.811-818

II. **Vaccine Selection Using Interval-Valued Intuitionistic Fuzzy VIKOR: A Case Study of Covid-19 Pandemic**

ÖZTÜRK C., YILDIZBAŞI A., YILMAZ İ., ARIÖZ Y.

International Conference on Intelligent and Fuzzy Systems, INFUS 2021, İstanbul, Turkey, 24 - 26 August 2021, vol.308, pp.101-108

III. **Key Challenges of Lithium-Ion Battery Recycling Process in Circular Economy Environment: Pythagorean Fuzzy AHP Approach**

YILDIZBAŞI A., ÖZTÜRK C., YILMAZ İ., ARIÖZ Y.

International Conference on Intelligent and Fuzzy Systems, INFUS 2021, İstanbul, Turkey, 24 - 26 August 2021, vol.308, pp.561-568

IV. **Hospital Type Location Allocation Decisions by Using Pythagorean Fuzzy Sets Composition: A Case Study of COVID-19**

YILMAZ İ., ARIÖZ Y., ÖZTÜRK C., YILDIZBAŞI A.

International Conference on Intelligent and Fuzzy Systems, INFUS 2021, İstanbul, Turkey, 24 - 26 August 2021, vol.308, pp.589-597

V. **A Comprehensive Literature Review On Circular Economy In Sustainable Supply Chain Applications**

Ariöz Y., Yıldızbaşı A.

5.Uluslararası Sosyoloji Ve Ekonomi Kongresi, Ankara, Turkey, 15 - 17 May 2020, pp.10

VI. **Big Data Analytics for Green Supplier Selection Under Sustainable Conditions**

Yıldızbaşı A., Ariöz Y.

11th International Statistics Congress - ISC2019, Muğla, Turkey, 4 - 08 October 2019, pp.768-773

VII. **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

VIII. **Measuring the Efficiency of E-commerce Web Sites : A Fuzzy ANP Model Approach**

Erdebilli B., Ariöz Y.

5th International Conference on Management Studies, ICMS Conference, İstanbul, Turkey, 24 May 2019, pp.74

Supported Projects

GÜNDOĞAN M., ARIÖZ Y., YILDIZBAŞI A., ÖZTÜRK C., Üstünyer P., Project Supported by Higher Education Institutions, COVID-19 TİPİ SALGINLARIN KONTROLÜNE YÖNELİK BLOKZİNCİRİ ve YAPAY ZEKA TABANLI SİSTEM YAKLAŞIMI, 2020 - 2021

Metrics

Publication: 11

Citation (Scopus): 43

H-Index (Scopus): 3

Congress and Symposium Activities

34th Annual POMS Conference, Attendee, Minnesota, United States Of America, 2024

53rd Annual Conference of the Northeast Decision Sciences Institute, Attendee, Massachusetts, United States Of America, 2024

Scholarships

2214-A, TUBITAK, 2023 - Continues