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Biography

Sena Kumcu is a PhD student as well as a research assistant in the Industrial Engineering Department at Gazi University (Turkey). She has a master degree in Industrial Engineering from Gazi University (Turkey). Her research interests are mathematical modelling, network optimization, supply chain management and decarbonization technologies.

Education Information

2021 - Continues	Doctorate, Gazi University, Mühendislik Fakültesi, Endüstri Mühendisliği, Turkey
2018 - 2020	Postgraduate, Gazi University, Mühendislik Fakültesi, Endüstri Mühendisliği, Turkey
2012 - 2017	Undergraduate, Gazi University, Mühendislik Fakültesi, Endüstri Mühendisliği, Turkey

Foreign Languages

English, B2 Upper Intermediate

Dissertations

2020	AN INTEGRATED APPROACH TO PURCHASING MANAGEMENT: THE HEALTHCARE APPLICATION, Gazi University, Mühendislik Fakültesi, Endüstri Mühendisliği, Postgraduate

Research Areas

Industrial Engineering, Optimization Theory and Methods, Multiobjective Optimization, Nonlinear Programming, Heuristic Methods, Integer and Mixed Integer Programming, Supply Chain and Logistics Management, Network Design, Engineering and Technology

Academic Titles / Tasks

Articles Published in Other Journals

I. A research on capture, storage and utilization of released carbon for a sustainable green development
Kumcu S., Özyörük B.
Niğde Ömer Halisdemir Üniversitesi Mühendislik Bilimleri Dergisi, vol.12, no.2, pp.386-394, 2023 (Peer-Reviewed Journal)

II. Fault Analysis of a CNC Machine with Association Rules in Data Mining
Kumcu S., Özyörük B.
Savunma Bilimleri Dergisi, vol.0, no.41, pp.205-226, 2022 (Peer-Reviewed Journal)

III. SUPPLIER SELECTION WITH AHP AND 0-1 GOAL PROGRAMMING: ANAPPLICATION IN HEALTHCARE INDUSTRY
KUMCU S., ÖZYÖRÜK B.
Mersin University Journal of Maritime Faculty, vol.2, no.2, pp.50-61, 2020 (Peer-Reviewed Journal)

Books & Book Chapters

I. SUPPLIER SELECTION CRITERIA FOR HEALTHCARE ORGANIZATIONS
Kumcu S., Özyörük B.
in: YAŞAM BİLİMLERİNDE MÜHENDİSLİK ÇÖZÜMLER, Dr. Mustafa DEMİRBİLEK, Editor, İksad Yayınevi, Ankara, pp.90-102, 2020

Refereed Congress / Symposium Publications in Proceedings

I. Determination of the Most Suitable New Generation Vacuum Cleaner Type with PFAHP-PFTOPSIS Techniques Based on E-WOM
KUMCU S., DESTİCİOĞLU TAŞDEMİR B., ÖZYÖRÜK B.
12th International Symposium on Intelligent Manufacturing and Service Systems, IMSS 2023, İstanbul, Turkey, 26 - 28 May 2023, pp.58-68

II. Comparison of E-Commerce Sites with Pythagorean Fuzzy AHP and TOPSIS Methods
DESTİCİOĞLU TAŞDEMİR B., KUMCU S., ÖZYÖRÜK B.
Intelligent and Fuzzy Systems - Intelligence and Sustainable Future Proceedings of the INFUS 2023 Conference, İstanbul, Turkey, 22 - 24 August 2023, vol.759, pp.327-335

III. OTOMATİK TANIMLAMA VE VERİ TOPLAMA (OT/VT) SİSTEMİNİN BİRİŞLETMEYE ENTEGRE EDİLMESİ (INTEGRATING THE AUTOMATIC IDENTIFICATION AND DATA COLLECTION(AI/DC) SYSTEM INTO A BUSINESS)
Kumcu S., Özyörük B.
INTERNATIONAL GOBEKLITEPE APPLIED SCIENCES CONGRESS-IV, Şanlıurfa, Turkey, 9 - 11 September 2022, pp.39-42

IV. Bibliometric Analysis of Research on Human Factors in Logistics
ÖZYÖRÜK B., KUMCU S.
the Sixteenth International Conference on Management Science and Engineering Management, Ankara, Turkey, 3 - 06 August 2022, vol.144, pp.643-658

Scientific Refereeing

November 2022   GAZI UNIVERSITY JOURNAL OF SCIENCE, Journal Indexed in ESCI

Metrics

Publication: 8
H-Index (WoS): 1