

## Assoc. Prof. SELDA KAPAN ULUSOY

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Publons / Web Of Science ResearcherID: A-2808-2009

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### Research Areas

Technical Sciences, Industrial Engineering , Stochastic Modeling, Stochastic Processes, Quality and Reliability, Reliability and Maintenance, Decision Theory, Decision Support Systems, Basic Sciences, Statistics

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Determining the factors that affect the production time in metal industry utilizing data mining methods**  
Isik K., KAPAN ULUSOY S.  
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.36, no.4, pp.1949-1962, 2021 (SCI-Expanded)
- II. **Bayesian Calculation of Optimal Burn-in Time Using the Joint Criteria of Cost and Delivered Reliability**  
Ulusoy S. K., Mazzuchi T. A., PERLSTEIN D.  
QUALITY AND RELIABILITY ENGINEERING INTERNATIONAL, vol.27, no.4, pp.569-580, 2011 (SCI-Expanded)
- III. **Fuzzy Bayesian reliability and availability analysis of production systems**  
GÖRKEMLİ L., Ulusoy S.  
COMPUTERS & INDUSTRIAL ENGINEERING, vol.59, no.4, pp.690-696, 2010 (SCI-Expanded)

### Articles Published in Other Journals

- I. **RELIABILITY ANALYSIS OF A CIRCULAR KNITTING MACHINE**  
gülbahar s., ULUSOY S. K., ZEYDAN M.  
Nevşehir Hacı Bektaş Veli Üniversitesi SBE Dergisi, vol.13, no.1, pp.291-308, 2023 (Peer-Reviewed Journal)

### Refereed Congress / Symposium Publications in Proceedings

- I. **ROUGH SET BASED AIRCRAFT FAILURE RELIABILITY PREDICTION MODEL IN AVIATION SECTOR AND ITS APPLICATION IN TURKEY**  
ÖZMEN M., KAYA N., KAPAN ULUSOY S.  
International Conference On Access To Recent Advances In Engineering And Digitalization, 5 - 07 March 2020

- II. **Ham Sunta İşleme Hattındaki Arıza Verilerinin Hata Ağacı Yardımı İle Bayes Ağı Olarak Modellenmesi**  
BENLİ B., KAPAN ULUSOY S., CANIYILMAZ E.  
Yöneylem Araştırması ve Endüstri Mühendisliği 32. Ulusal Kongresi, İstanbul, Turkey, 1 - 04 June 2012
- III. **Ham Sunta İşleme Hattındaki Arıza Verilerinin Hata Ağacı Yardımı ile Bayes Ağı Olarak Modellenmesi**  
AYMAN B., KAPAN ULUSOY S., CANIYILMAZ E.  
YAEM 2012, 1 - 04 June 2012, pp.0-270
- IV. **A Bi-objective Max-Min Redundancy Allocation Problem and the Preference-ordered Classification**  
SOYLU B., KAPAN ULUSOY S.  
XXIVth Mini Euro Conference MEC-EurOpt 2010, Izmir University of Economics, 15 June 2010
- V. **Bayes ağları ile uçuş gecikmelerinin analizi**  
KAPAN ULUSOY S., GÖRKEMLİ L.  
YA/EM 2009 Yöneylem Araştırması/Endüstri Mühendisliği 29. Ulusal Kongresi, Ankara, Turkey, 1 - 04 June 2009
- VI. **Analysis of maintenance data of an airline**  
KAPAN ULUSOY S., GÖRKEMLİ L.  
HDM 2008: International Conference on Multivariate Statistical Modeling and High Dimensional Data Mining, Turkey, 1 - 04 June 2008

## Supported Projects

KAPAN ULUSOY S., GÖRKEMLİ L., Project Supported by Higher Education Institutions, SÜREÇ GÜVENİLİRLİĞİNİN BULANIK-BAYESGİL YÖNTEMLERİ İLE BELİRLENMESİ, 2009 - 2011

## Metrics

Publication: 11

Citation (WoS): 18

Citation (Scopus): 33

H-Index (WoS): 2

H-Index (Scopus): 1