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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 (Peer-Reviewed Journal)
- 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 (Peer-Reviewed Journal)
- 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 (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: 10
Citation (WoS): 18
Citation (Scopus): 20
H-Index (WoS): 2
H-Index (Scopus): 1