

## Res. Asst. OĞUZ KOÇ

### Personal Information

Office Phone: [+90 312 210 5753](tel:+903122105753)

Email: [oguzkoc@metu.edu.tr](mailto:oguzkoc@metu.edu.tr)

Web: <https://avesis.metu.edu.tr/oguzkoc>

Address: [oguzkoc@metu.edu.tr](mailto:oguzkoc@metu.edu.tr)

### International Researcher IDs

ScholarID: MLvy4KoAAAAJ

ORCID: 0000-0001-8273-8743

Publons / Web Of Science ResearcherID: AFW-9777-2022

ScopusID: 57437433300

Yoksis Researcher ID: 331171

### Education Information

Doctorate, Middle East Technical University, Institute of Applied Mathematics, Financial Mathematics, Turkey 2019 - Continues

Postgraduate, Middle East Technical University, Institute of Applied Mathematics, Financial Mathematics, Turkey 2015 - 2019

Undergraduate, Ankara University, Faculty Of Science, Department Of Mathematics, Turkey 2008 - 2013

### Foreign Languages

English, C1 Advanced

### Research Areas

Artificial Intelligence, Computer Learning and Pattern Recognition, Mathematics, Computer Science, Statistics, Probability Theory, Stochastic Processes

### Academic Titles / Tasks

Research Assistant, Middle East Technical University, Institute of Applied Mathematics, Financial Mathematics, 2020 - Continues

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

- I. Clustering Based Fuzzy Classification with a Noise Cluster in Detecting Fraud in Insurance**  
Koç O., Başer F., Kestel A. S.  
APPLIED SOFT COMPUTING JOURNAL, vol.167, pp.1-14, 2024 (SCI-Expanded)
- II. Credit Risk Evaluation Using Clustering Based Fuzzy Classification Method**  
Başer F., Koç O., Kestel A. S.

## Articles Published in Other Journals

- I. **The Impact of Feature Selection and Transformation on Machine Learning Methods in Determining the Credit Scoring**  
Koç O., Uğur Ö., Kestel A. S.  
arXiv, vol.2303, no.5427, pp.2-14, 2023 (Non Peer-Reviewed Journal)
- II. **The prediction power of machine learning on estimating the sepsis mortality in the intensive care unit**  
Selcuk M., Koç O., Kestel A. S.  
Informatics in Medicine Unlocked, vol.28, 2022 (Scopus)

## Supported Projects

KESTEL A. S., TEKESHANOSKA D., ZENGİN K., KOÇ O., MERT Ö. M., Project Supported by Higher Education Institutions, Borsa Hisse Senedi Fiyat Tahmininde Stokastik Diferansiyel Denklemlerin Yapay Zeka Metotları Yoluyla İstiflendirilmesi, 2024 - Continues

## Scientific Refereeing

ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE, Journal Indexed in SCI-E, November 2024  
ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE, Journal Indexed in SCI-E, August 2024  
EXPERT SYSTEMS WITH APPLICATIONS, Journal Indexed in SCI-E, June 2024  
ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE, Journal Indexed in SCI-E, January 2024

## Metrics

Publication: 4  
Citation (WoS): 10  
Citation (Scopus): 22  
H-Index (WoS): 1  
H-Index (Scopus): 2

## Congress and Symposium Activities

Tutam Tutam Matematik Festivali, Attendee, İstanbul, Turkey, 2024