Res. Asst. CEYDA BOZ

Personal Information

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International Researcher IDs
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Education

Doctorate, Manisa Celal Bayar University, Mühendislik Ve Doğa Bilimleri Fakültesi, Elektrik-Elektronik Mühendisliği, Turkey 2024 - Present
Postgraduate, Manisa Celal Bayar University, Mühendislik Ve Doğa Bilimleri Fakültesi, Elektrik-Elektronik Mühendisliği, Turkey 2021 - 2024
Undergraduate, Manisa Celal Bayar University, Turkey 2016 - 2021

Research Areas

Avesis Research Areas: Engineering and Technology
WoS Research Areas: Engineering Computing & Technology (Eng)
Scopus Research Areas: Electrical and Electronic Engineering, Biomedical Engineering

Academic Positions

Research Assistant, Manisa Celal Bayar University, Mühendislik Ve Doğa Bilimleri Fakültesi, Elektrik-Elektronik Mühendisliği, 2023 - Present

Articles

I. **Segmented vs. Non-Segmented Heart Sound Classification: Impact of Feature Extraction and Machine Learning Models**
BOZ C., KOÇYİĞİT Y.
Applied Sciences (Switzerland), vol.15, no.20, 2025 (SCI-Expanded, Scopus)

Papers Presented at Peer-Reviewed Scientific Conferences

I. **Full-Frame and Predicted-ROI Fusion for Kidney Stone Classification in Ultrasound Images**
Boz C., Koçyiğit Y.
International Conference on Machine Learning and Intelligent Systems Engineering (MLISE), Naples, Italy, 28 - 31

May 2026, pp.284-287, (Full Text)

II. **Multi-Class Heart Sounds Classification Using Machine Learning and Transfer Learning Approaches**
Kalp Seslerinin Makine grenmesi ve Transfer grenme Yaklasimlari ile oklu Siniflandirilmasi
BOZ C., KOÇYİĞİT Y.
33rd IEEE Conference on Signal Processing and Communications Applications, SIU 2025, İstanbul, Turkey, 25 - 28 June 2025, (Full Text)

III. **EFFECTIVE THRESHOLDING METHOD FOR THE SEGMENTATION OF HEART SOUNDS**
BOZ C., KOÇYİĞİT Y.
BALKAN 9th INTERNATIONAL CONFERENCE ON SOCIAL SCIENCES 9th INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, Edirne, Turkey, 6 - 08 October 2023, vol.1, pp.344-350, (Full Text)

Funded Projects

Engin M., Acar Demirci B., Demirci O., Engin E. Z., Aslan Ö., Koçyiğit Y., Oktay Alfatlı A. N., Priority R&D Project of Group C, Infrared Termal ve Difüz Optik Tabanlı Meme Görüntülerini Derin Öğrenme ile Değerlendiren Yenilikçi Bir Mamografi Sisteminin (INFOMAM) Prototip Tasarımı, 2024 - 2026

Metrics

Publication: 4
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