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International Researcher IDs

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Education Information

Doctorate, Karadeniz Technical University, Mühendislik Fakültesi, Bilgisayar Mühendisliđi, Turkey 2024 - Continues

Postgraduate, Karadeniz Technical University, Mühendislik Fakültesi, Bilgisayar Mühendisliđi, Turkey 2021 - 2024

Undergraduate, Karadeniz Technical University, Mühendislik Fakültesi, Bilgisayar Mühendisliđi, Turkey 2017 - 2021

Foreign Languages

English, B1 Intermediate

Research Areas

Computer Sciences, Computer Vision, Artificial Intelligence, Computer Learning and Pattern Recognition, Software

Academic Titles / Tasks

Research Assistant, Karadeniz Technical University, Mühendislik Fakültesi, Yazılım Mühendisliđi, 2022 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- AVD-YOLOv5: a new lightweight network architecture for high-speed aortic valve detection from a new and large echocardiography dataset.**
Çakır M., İkinci M., Kaban E. B., Şahin M.
Medical & biological engineering & computing, vol.62, no.8, pp.2511-2528, 2024 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- Automated Aortic Valve Calcific Area Segmentation in Echocardiography Images Using Fully Convolutional Neural Networks**
ÇAKIR M., EKİNCİ M., BAYKAL KABLAN E., ŞAHİN M.

2024 47th International Conference on Telecommunications and Signal Processing (TSP), 10 July 2024, pp.96-100

II. Deep Learning-Based Automatic Detection of Aortic Valve on Echocardiographic Images

Çakır M., Ekinci M., Baykal Kablan E., Şahin M.

2023 31st Signal Processing and Communications Applications Conference (SIU), İstanbul, Turkey, 5 - 08 July 2023, pp.1-4

Supported Projects

Ekinci M., Baykal Kablan E., Şahin M., TUBITAK Project, Aort Kapak Kalsiyum Skorunun Ekokardiyografik Görüntülerden Otomatik Tespiti ve Ölçümü için Derin Öğrenmeye Dayalı Tam Otomatik Bir Yaklaşımın Gelistirilmesi ve Uygulanması, 2022 - 2025

Metrics

Publication: 3