

ÖZGEÇMİŞ VE ESERLER LİSTESİ

Adı ve Soyadı: Enver Akbacak

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Uzmanlık Alanı: Görüntü İşleme, Makine Öğrenmesi, Bilgisayarla Görme.

Derece	Bölüm/Program	Üniversite
Lisans	Elektrik-Elektronik Müh.	İTÜ
Y. Lisans	Elektrik-Elektronik Müh.	Sakarya Üniversitesi
Doktora	Elektrik-Elektronik Müh. (İngilizce)	Marmara Üniversitesi

Yüksek Lisans Tezi:

FTFN kullanan aktif devre uygulamaları.

Doktora Tezi:

Multiple query image and video retrieval in the hash space based on deep learning and pareto optimality.

ESERLER

A. Uluslararası hakemli dergilerde yayımlanan makaleler:

A1. AKBACAK ENVER, TOKTAŞ ABDURRAHİM, ERKAN UĞUR, Gao Suo (2024). MLMQ-IR: Multi-label multi-query image retrieval based on the variance of Hamming distance. Knowledge-Based Systems, 283, Doi: 10.1016/j.knosys.2023.111193

A2. AKBACAK ENVER, MUZOĞLU NEDİM (2024). An Efficient and Robust 3D Medical Image Classification Approach Based on 3D CNN, Time-Distributed 2D CNN-BLSTM Models, and mRMR Feature Selection. Computational Intelligence, 40, Doi: 10.1111/coin.70000

A3. AKBACAK ENVER (2023). An efficient and robust supervised video hashing scheme based on a timedistributed CNN-BLSTM model and principal component analysis. Multimedia Tools and Applications, 83, Doi: 10.1007/s11042-023-17810-8

A4. MUZOĞLU NEDİM, ADIGÜZEL ERTUĞRUL, AKBACAK ENVER, Karaslan Melike Kaya (2023). Detection of Damaged Structures From Satellite Imagery Processed by Autoencoder With Boruta Feature Selection Method. Electrica, 23, Doi: 10.5152/electrica.2023.22232

A5. AKBACAK ENVER, VURAL CABİR (2022). Deep multi-query video retrieval. Journal of Visual Communication and Image Representation, 85, Doi: 10.1016/j.jvcir.2022.103501

A6. ERKAN UĞUR, TOKTAŞ ABDURRAHİM, ENGİNOĞLU SERDAR, AKBACAK ENVER, N. H. Thanh Dang (2022). An image encryption scheme based on chaotic logarithmic map and key generation using deep CNN. Multimedia Tools and Applications, 81, Doi: 10.1007/s11042-021-11803-1

A7. AKBACAK ENVER (2022). A novel multilabel video retrieval method using multiple videoqueries and deep hash codes. Concurrency and Computation: Practice and Experience, 34, Doi:10.1002/cpe.6927

A8. VURAL CABİR, AKBACAK ENVER (2020). Deep multi query image retrieval. Signal Processing: Image Communication, 88, Doi: 10.1016/j.image.2020.115970

B. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitaplarında (proceedings) basılan bildiriler:

B1. Unet3D Based Next Frame Prediction, AKBACAK ENVER (2024). 2024 8th International Artificial Intelligence and Data Processing Symposium (IDAP), Doi: 10.1109/IDAP64064.2024.10710663

B2. A Comparative Study for Increasing the Retrieval Efficiency of the Supervised Video Hashing Methods, AKBACAK ENVER (2023). Ases International Bandırma Scientific Studies Conference October 27-29, 2023, Balıkesir, Türkiye,

B3. Derin Öğrenmeye Dayalı İkili Kodlar ile Verimli ve Hızlı İçerik Tabanlı Görüntü Erişimi, AKBACAK ENVER (2021). 1st International Congress on Artificial Intelligence and Data Science.

D. Ulusal hakemli dergilerde yayımlanan makaleler:

D1. MUZOĞLU NEDİM, AKBACAK ENVER (2024). Ensemble-Based Alzheimers Disease Classification Using Features Extracted from Hog Descriptor and Pre-trained Models. Sakarya University Journal of Computer and Information Sciences, 7, Doi: 10.35377/saucis

D2. AKBACAK ENVER (2023). Unsupervised Image Hashing Using a Deep Convolutional Encoder-Decoder Model for Fast Image Retrieval. Afyon Kocatepe University Journal of Sciences and Engineering, 23, Doi: 10.35414/akufemubid

E. Ulusal bilimsel toplantılarda sunulan ve bildiri kitaplarında basılan bildiriler:

E1. Multi-Query Image Retrieval Based on Deep Learning and Pareto Optimality, VURAL CABİR, AKBACAK ENVER (2020). 2020 28th Signal Processing and Communications Applications Conference (SIU), Doi: 10.1109/SIU49456.2020.9302140

E2. Multi-Query Video Retrieval Based on Deep Learning and Pareto Optimality, VURAL CABİR, AKBACAK ENVER (2020). 2020 28th Signal Processing and Communications Applications Conference (SIU), Doi: 10.1109/SIU49456.2020.9302123