

Doç. Dr. HACER YALIM KELEŞ

Kişisel Bilgiler

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Uluslararası Araştırmacı ID'leri

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Publons / Web Of Science ResearcherID: W-7934-2018

ScopusID: 36185569500

Yoksis Araştırmacı ID: 117418

Eğitim Bilgileri

Doktora, Orta Doğu Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Fen Bilimleri Enstitüsü, Türkiye 2005 - 2010

Yüksek Lisans, Orta Doğu Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Fen Bilimleri Enstitüsü, Türkiye 2002 - 2005

Lisans, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, Türkiye 1997 - 2002

Yabancı Diller

İngilizce, C2 Ustalık

Yaptığı Tezler

Doktora, Part embedding for shape grammars, Orta Doğu Teknik Üniversitesi, 2010

Yüksek Lisans, Acceleration of direct volume rendering with texture slabs on programmable graphics hardware, Orta Doğu Teknik Üniversitesi, 2005

Araştırma Alanları

Bilgisayar Bilimleri, Yapay Zeka, Bilgisayarda Öğrenme ve Örüntü Tanıma, Mühendislik ve Teknoloji

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. Iterative facial image inpainting based on an encoder-generator architecture**
Dogan Y., Keles H.
Neural Computing and Applications, cilt.34, sa.12, ss.10001-10021, 2022 (SCI-Expanded)
- II. A Hierarchical Approach to Remote Sensing Scene Classification**
Sen O., Keles H.
PFG - Journal of Photogrammetry, Remote Sensing and Geoinformation Science, cilt.90, sa.2, ss.161-175, 2022 (SCI-Expanded)
- III. Using Motion History Images with 3D Convolutional Networks in Isolated Sign Language Recognition**
Mercanoglu Sincan O., Keles H.

- IEEE Access, cilt.10, ss.18608-18618, 2022 (SCI-Expanded)
- IV. **Evaluation of hidden Markov models using deep CNN features in isolated sign recognition**
Tur A. O., Keles H.
MULTIMEDIA TOOLS AND APPLICATIONS, cilt.80, sa.13, ss.19137-19155, 2021 (SCI-Expanded)
- V. **On the Evaluation of CNN Models in Remote-Sensing Scene Classification Domain**
Sen O., Keles H.
PFG-JOURNAL OF PHOTOGRAMMETRY REMOTE SENSING AND GEOINFORMATION SCIENCE, cilt.88, sa.6, ss.477-492, 2020 (SCI-Expanded)
- VI. **Semi-supervised image attribute editing using generative adversarial networks**
Dogan Y., Keles H.
NEUROCOMPUTING, cilt.401, ss.338-352, 2020 (SCI-Expanded)
- VII. **Learning multi-scale features for foreground segmentation**
Lim L. A., Keles H.
PATTERN ANALYSIS AND APPLICATIONS, cilt.23, sa.3, ss.1369-1380, 2020 (SCI-Expanded)
- VIII. **AUTSL: A Large Scale Multi-Modal Turkish Sign Language Dataset and Baseline Methods**
Sincan O. M., Keles H.
IEEE ACCESS, cilt.8, ss.181340-181355, 2020 (SCI-Expanded)
- IX. **DeepVoCoder: A CNN Model for Compression and Coding of Narrow Band Speech**
Keles H., Rozhon J., Ilk H. G., Voznak M.
IEEE ACCESS, cilt.7, ss.75081-75089, 2019 (SCI-Expanded)
- X. **Foreground segmentation using convolutional neural networks for multiscale feature encoding**
Lim L. A., Keles H.
PATTERN RECOGNITION LETTERS, cilt.112, ss.256-262, 2018 (SCI-Expanded)
- XI. **Embedding parts in shape grammars using a parallel particle swarm optimization method on graphics processing units**
Keles H.
AI EDAM-ARTIFICIAL INTELLIGENCE FOR ENGINEERING DESIGN ANALYSIS AND MANUFACTURING, cilt.32, sa.3, ss.256-268, 2018 (SCI-Expanded)
- XII. **A robust method for scale independent detection of curvature-based criticalities and intersections in line drawings**
Keles H., TARI Z. S.
PATTERN RECOGNITION, cilt.48, sa.1, ss.140-155, 2015 (SCI-Expanded)
- XIII. **Weighted shapes for embedding perceived wholes**
Keles H., Özkar Kabakçioğlu M., Tani S.
ENVIRONMENT AND PLANNING B-PLANNING & DESIGN, cilt.39, sa.2, ss.360-375, 2012 (SSCI)
- XIV. **Embedding shapes without predefined parts**
Keles H., Özkar Kabakçioğlu M., TARI Z. S.
ENVIRONMENT AND PLANNING B-PLANNING & DESIGN, cilt.37, sa.4, ss.664-681, 2010 (SSCI)
- XV. **Acceleration of direct volume rendering with programmable graphics hardware**
Yalim Keles H., Es A., Isler V.
VISUAL COMPUTER, cilt.23, sa.1, ss.15-24, 2007 (SCI-Expanded)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Few-shot Audio Classification using Contrastive Training**
Cigdem E. F., YALIM KELEŞ H.
32nd IEEE Signal Processing and Communications Applications Conference (SIU), Mersin, Türkiye, 15 - 18 Mayıs 2024
- II. **Towards Better Communication: Refining Hand Pose Estimation in Low-Resolution Sign Language Videos**

Tasyurek U. M., Kiziltepe T., YALIM KELEŞ H.

18th International Conference on Automatic Face and Gesture Recognition (FG), İstanbul, Türkiye, 27 - 31 Mayıs 2024

- III. **Skin Disease Classification using Few-Shot Meta-Transfer Learning Birkaç Atışlı Meta-Transfer Öğrenme ile Cilt Hastalığı Sınıflandırma**
ÖZDEMİR Z., YALIM KELEŞ H., Ozgur Tanriover O.
30th Signal Processing and Communications Applications Conference, SIU 2022, Safranbolu, Türkiye, 15 - 18 Mayıs 2022
- IV. **A Novel Visual Attribute Disentanglement Approach using Self-Supervision Yeni Bir Öz-Denetimli Görsel Özellik Ayırıştırma Yöntemi**
Aktas A. A., YALIM KELEŞ H., ASKERBEYLİ İ.
30th Signal Processing and Communications Applications Conference, SIU 2022, Safranbolu, Türkiye, 15 - 18 Mayıs 2022
- V. **Deep learning based cell segmentation using cascaded U-net models Ardışık U-net modelleri ile derin öğrenme tabanlı hücre bölütlemesi**
Bakir M. E., Yalim Keles H.
29th IEEE Conference on Signal Processing and Communications Applications, SIU 2021, Virtual, İstanbul, Türkiye, 9 - 11 Haziran 2021
- VI. **Covid-19 detection in chest X-ray images with deep learning Derin öğrenme ile göğüs röntgeni görüntülerinde Covid-19 algılama**
ÖZDEMİR Z., Yalim Keles H.
29th IEEE Conference on Signal Processing and Communications Applications, SIU 2021, Virtual, İstanbul, Türkiye, 9 - 11 Haziran 2021
- VII. **ChaLearn LAP Large Scale Signer Independent Isolated Sign Language Recognition Challenge: Design, Results and Future Research**
Sincan O. M., Jacques Junior J. C. S., Escalera S., Keles H.
IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR), ELECTR NETWORK, 19 - 25 Haziran 2021, ss.3467-3476
- VIII. **Sign Language Video Synthesis using Skeleton Sequence Skelet Sekans ile aret Dili Videosu Sentezleme**
Gencoglu S., Keles H.
28th Signal Processing and Communications Applications Conference, SIU 2020, Gaziantep, Türkiye, 5 - 07 Ekim 2020
- IX. **Hand and Face Segmentation with Deep Convolutional Networks using Limited Labelled Data**
Sincan O. M., Gencoglu S., Bacak M., Keles H.
3rd International Symposium on Multidisciplinary Studies and Innovative Technologies, ISMSIT 2019, Ankara, Türkiye, 11 - 13 Ekim 2019
- X. **A Comparative Study of HMMs and LSTMs on Action Classification with Limited Training Data**
Alp E. C., Keles H.
Intelligent Systems Conference (IntelliSys), London, Kanada, 6 - 07 Eylül 2018, cilt,868, ss.1102-1115
- XI. **Scene Recognition with Deep Learning Methods Using Aerial Images**
Sen O., Yalim Keles H.
27th Signal Processing and Communications Applications Conference (SIU), Sivas, Türkiye, 24 - 26 Nisan 2019
- XII. **Stability and Diversity in Generative Adversarial Networks**
Dogan Y., Keles H.
27th Signal Processing and Communications Applications Conference (SIU), Sivas, Türkiye, 24 - 26 Nisan 2019
- XIII. **Isolated Sign Recognition with a Siamese Neural Network of RGB and Depth Streams**
Tur A. O., Keles H.
18th IEEE International Conference on Smart Technologies (IEEE EUROCON), Novi-Sad, Sırbistan, 1 - 04 Temmuz 2019
- XIV. **Isolated Sign Language Recognition with Multi-scale Features using LSTM**

Mercanoglu Sincan O., Tur A. O., Yalim Keles H.

27th Signal Processing and Communications Applications Conference (SIU), Sivas, Türkiye, 24 - 26 Nisan 2019

XV. Action Recognition Using MHI Based Hu Moments with HMMs

Alp E. C., Keles H.

IEEE EUROCON -17th International Conference on Smart Technologies, Ohrid, Makedonya, 6 - 08 Temmuz 2017, ss.212-216

XVI. Moving object detection by a mounted moving camera

Sincan O. M., Ajabshir V. B., Keles H., TOSUN S.

International Conference on Computer as a Tool, IEEE EUROCON 2015, Salamanca, İspanya, 8 - 11 Eylül 2015

XVII. Embedding Parts in Sketches Using a Parallel Evolutionary Approach

Keles H.

33rd International Conference on Education and Research in Computer Aided Architectural Design in Europe (eCAADe), Vienna, Avusturya, 16 - 18 Eylül 2015, ss.269-276

XVIII. Moving Object Detection by a Mounted Moving Camera

Sincan O. M., Ajabshir V. B., Keles H., TOSUN S.

International Conference on Computer as a Tool (EUROCON), IEEE, Salamanca, Meksika, 8 - 11 Eylül 2015, ss.334-339

XIX. Revisiting Shape Embedding

Keles H., Özkar Kabakçioğlu M., TARI Z. S.

27th Conference on Education and Research in Computer Aided Architectural Design in Europe, İstanbul, Türkiye, 16 - 19 Eylül 2009, ss.229-236

Metrikler

Yayın: 34

Atıf (WoS): 221

Atıf (Scopus): 281

H-İndeks (WoS): 6

H-İndeks (Scopus): 7