

Asst. Prof. CEREN GÜZEL TURHAN

Personal Information

Office Phone: [+90 312 580 3130](tel:+903125803130)

Email: cerenguzel@gazi.edu.tr

Web: <https://avesis.gazi.edu.tr/cerenguzel>

International Researcher IDs

ScholarID: I6wDbvgAAAAJ

ORCID: 0000-0002-8923-1547

Publons / Web Of Science ResearcherID: ABG-7228-2020

ScopusID: 56246662400

Yoksis Researcher ID: 113260

Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Turkey 2014 - 2020

Postgraduate, Gazi University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, Turkey 2012 - 2014

Undergraduate Double Major, Cankaya University, Faculty Of Engineering, Department Of Computer Engineering, Turkey 2009 - 2011

Undergraduate, Cankaya University, Faculty Of Arts And Sciences, Department Of Mathematics And Computer, Turkey 2006 - 2011

Dissertations

Doctorate, Derin üretici ağlar ile ölçeklenebilir ikili görüntü oluşturma ve tek görüntüden üç boyutlu nesne yapılandırma, Gazi University, Fen Bilimleri Enstitüsü, 2020

Postgraduate, Sınıf tabanlı iki boyutlu temel bileşenler analizi ile yüz tanıma sistemi, Gazi University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2014

Research Areas

Computer Vision, Artificial Intelligence, Computer Learning and Pattern Recognition, Engineering and Technology

Academic Titles / Tasks

Research Assistant PhD, Gazi University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2011 - Continues

Courses

Data Mining, Undergraduate, 2021 - 2022

Computer Graphics, Undergraduate, 2021 - 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Class-aware single image to 3D object translational autoencoder**
GÜZEL TURHAN C., BİLGE H. Ş.
IET IMAGE PROCESSING, vol.14, no.13, pp.3046-3053, 2020 (SCI-Expanded)
- II. **Fused voxel autoencoder for single image to 3D object reconstruction**
Turhan C., Bilge H. Ş.
ELECTRONICS LETTERS, vol.56, no.3, pp.134-136, 2020 (SCI-Expanded)
- III. **Scalable image generation and super resolution using generative adversarial networks**
GÜZEL TURHAN C., BİLGE H. Ş.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.35, no.2, pp.953-966, 2020 (SCI-Expanded)
- IV. **Class-wise two-dimensional PCA method for face recognition**
GÜZEL TURHAN C., BİLGE H. Ş.
IET COMPUTER VISION, vol.11, no.4, pp.286-300, 2017 (SCI-Expanded)

Articles Published in Other Journals

- I. **Analysis for feature extraction on block based spatial domain**
GÜZEL TURHAN C., BİLGE H. Ş.
Global Journal on Technology, no.7, pp.65-70, 2015 (Peer-Reviewed Journal)
- II. **Breast Cancer Diagnosis Based On Naive Bayes Machine Learning Classifier With Knn Missing Value Imputation**
GÜZEL TURHAN C., KAYA M., YILDIZ O., BİLGE H. Ş.
Global Journal on Technology, vol.4, no.2, pp.401-407, 2013 (Peer-Reviewed Journal)
- III. **Breast Cancer Diagnosis Based on Naïve Bayes Machine Learning Classifier with KNN Missing Data Imputation**
GÜZEL TURHAN C., KAYA M., YILDIZ O., BİLGE H. Ş.
Global Journal on Technology, vol.4, no.2, pp.401-407, 2013 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Biyometrik sistemlerde güvenlik: saldırı vektörleri ve savunma yolları**
Güzel Turhan C., Ceyhan E. B., Sağıroğlu Ş.
in: , Şeref Sağıroğlu, Sedat Akleylek, Editor, Nobel Yayın Dağıtım, Ankara, pp.191-220, 2022

Refereed Congress / Symposium Publications in Proceedings

- I. **Reinforcement Learning Based Cardiac Ultrasound Video Summarization Using Weak Supervision and Proximity Reward Kalp Ultrason Video Özetleme için Yakınlık Ödülü Kullanan Pekıştirmeli Öğrenme ve Zayıf Öğrenme Tabanlı Bir Yaklaşım**
Çoban A., GÜZEL TURHAN C., Sarıkaya D.
32nd IEEE Conference on Signal Processing and Communications Applications, SIU 2024, Mersin, Turkey, 15 - 18 May 2024
- II. **Üretici Ağlar ile Tek Görüntüden Nesne Oluşturma**
GÜZEL TURHAN C., BİLGE H. Ş.
27th IEEE Signal Processing and Communications Applications Conference, SIU 2019, Sivas, Turkey, 24 - 26 April 2019
- III. **Recent Trends in Deep Generative Models: a Review**
GÜZEL TURHAN C., BİLGE H. Ş.

3rd International Conference on Computer Science and Engineering (UBMK), Sarajevo, Bosnia And Herzegovina, 20 - 23 September 2018, pp.574-579

- IV. **Variational Autoencoded Compositional Pattern Generative Adversarial Network for Handwritten Super Resolution Image Generation**
GÜZEL TURHAN C., BİLGE H. Ş.
3rd International Conference on Computer Science and Engineering (UBMK), Sarajevo, Bosnia And Herzegovina, 20 - 23 September 2018, pp.564-568
- V. **Single Image Super Resolution using Deep Convolutional Generative Neural Networks**
GÜZEL TURHAN C., BİLGE H. Ş.
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018
- VI. **Generating word images using Deep Generative Adversarial Networks**
GÜZEL TURHAN C., BİLGE H. Ş.
25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017
- VII. **Biyometrik Sistemlerde Güvenlik Üzerine Bir İnceleme**
GÜZEL TURHAN C., CEYHAN E. B., SAĞIROĞLU Ş.
VIII. Bilgi Güvenliği ve Kriptoloji Konferansı, 30 - 31 October 2015
- VIII. **Dimensionality reduction with PCA in block based DCT domain**
GÜZEL TURHAN C., YILDIRIM OKAY F., YILDIZ O., BİLGE H. Ş.
International Conference on Advanced Technology & Sciences (ICAT'14), Antalya, Turkey, 12 - 15 August 2014, pp.216-220
- IX. **kNN algorithm based on axis characteristic on Lorentzian space**
GÜZEL TURHAN C., BİLGE H. Ş.
22nd IEEE Signal Processing and Communications Applications Conference (SIU), Trabzon, Turkey, 23 - 25 April 2014, pp.2130-2133
- X. **Breast Cancer Diagnosis Based on Naïve Bayes Machine Learning Classifier with KNN Missing Data Imputation**
GÜZEL TURHAN C., KAYA M., YILDIZ O., BİLGE H. Ş.
3rd World Conference on Innovation and Computer Science (INSODE-2013), 26 - 28 April 2013
- XI. **Face Recognition on Lorentzian Manifold**
BİLGE H. Ş., GÜZEL TURHAN C.
21st Signal Processing and Communications Applications Conference (SIU), CYPRUS, 24 - 26 April 2013

Metrics

Publication: 19

Citation (WoS): 59

Citation (Scopus): 83

H-Index (WoS): 3

H-Index (Scopus): 3