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Education Information

Doctorate, Karadeniz Technical University, -, Bilgisayar Mühendisliği, Turkey 2009 - 2015

Postgraduate, Karadeniz Technical University, -, Bilgisayar Mühendisliği, Turkey 2000 - 2003

Undergraduate, Karadeniz Technical University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey 1996 - 2000

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Model Tabanlı Sınıflandırmaya ve Karma Özniteliklere Dayalı Hiyerarşik Yaş Tahmini Sisteminin Tasarımı ve Başarım Değerlendirmesi, Karadeniz Technical University, -, Bilgisayar Mühendisliği, 2015

Postgraduate, Çok Kullanıcılı Sistemlerde Veri Güvenliğinin Sağlanması Amacıyla Başarım Değerlendirilmesi, Karadeniz Technical University, -, Bilgisayar Mühendisliği, 2003

Research Areas

Computer Sciences, Artificial Intelligence, Computer Learning and Pattern Recognition, Pattern Recognition and Image Processing, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Karadeniz Technical University, Of Teknoloji Fakültesi, Yazılım Mühendisliği, 2018 - Continues

Assistant Professor, Karadeniz Technical University, Trabzon Meslek Yüksekokulu, Bilgisayar Teknolojileri, 2018 - 2018

Assistant Professor, Karadeniz Technical University, Trabzon Meslek Yüksekokulu, Bilgisayar Teknolojileri, 2017 - 2018

Lecturer PhD, Karadeniz Technical University, Trabzon Meslek Yüksekokulu, Bilgisayar Teknolojileri, 2015 - 2017

Lecturer, Karadeniz Technical University, Trabzon Meslek Yüksekokulu, Bilgisayar Teknolojileri, 2004 - 2015

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A new face presentation attack detection method based on face-weighted multi-color multi-level texture features**
Turhal U., GÜNAY YILMAZ A., NABIYEV V.
Visual Computer, vol.40, no.3, pp.1537-1552, 2024 (SCI-Expanded)
- II. **Face presentation attack detection performances of facial regions with multi-block LBP features**
GÜNAY YILMAZ A., Turhal U., NABIYEV V.
Multimedia Tools and Applications, vol.82, no.26, pp.40039-40063, 2023 (SCI-Expanded)
- III. **A Novel Age Classification Method Using Morph-Based Models**
Yilmaz A., NABIYEV V.
INTERNATIONAL ARAB JOURNAL OF INFORMATION TECHNOLOGY, vol.16, no.4, pp.677-685, 2019 (SCI-Expanded)
- IV. **A new facial age estimation method using centrally overlapped block based local texture features**
Gunay A., NABIYEV V.
MULTIMEDIA TOOLS AND APPLICATIONS, vol.77, no.6, pp.6555-6581, 2018 (SCI-Expanded)
- V. **Shredded banknotes reconstruction using AKAZE points**
Nabiyev V., Yilmaz S., Günay Yılmaz A., Tahaoğlu G., Ulutaş G.
FORENSIC SCIENCE INTERNATIONAL, vol.278, pp.280-295, 2017 (SCI-Expanded)

Articles Published in Other Journals

- I. **Derin özneliklerin farklı atak senaryolarındaki yüz sahteciliği tespiti başarımlarının incelenmesi**
Günay Yılmaz A., Şakar F.
Gümüşhane Üniversitesi Fen Bilimleri Dergisi, vol.14, no.1, pp.164-178, 2024 (Peer-Reviewed Journal)
- II. **COVID-19 Detection from CT and X-Ray Images Using Deep Feature Fusion**
GÜNAY YILMAZ A., AYAZ E., türkoğlu m.
Bilgisayar Bilimleri ve Mühendisliği Dergisi, vol.16, no.2, pp.117-124, 2023 (Peer-Reviewed Journal)
- III. **Yüz Görüntülerine Morflemeye Dayalı Maske Giydirmeye ve Maskeli Yüz Tanıma**
Günay Yılmaz A., Gedikli E., Alhori O.
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.27, no.1, pp.12-21, 2023 (Peer-Reviewed Journal)
- IV. **Investigation of the Effect of Texture Features Extracted From Different Color Channels on Face Spoofing Detection Performance**
YILMAZ A. G., TURHAL U., NABIYEV V.
Bilgisayar Bilimleri ve Mühendisliği Dergisi, vol.15, no.1, pp.56-65, 2022 (Peer-Reviewed Journal)
- V. **Recognition of Tire Track Patterns Using SIFT and Template Matching**
GÜNAY YILMAZ A., İBRAM E., NABIYEV V.
El-Cezeri Journal of Science and Engineering, vol.9, no.2, pp.634-643, 2022 (Scopus)
- VI. **EFFECT OF FEATURE SELECTION WITH META-HEURISTIC OPTIMIZATION METHODS ON FACE SPOOFING DETECTION**
Günay Yılmaz A., Turhal U., Nabiyev V.
Journal of Modern Technology and Engineering, vol.5, no.1, pp.48-59, 2020 (Peer-Reviewed Journal)
- VII. **Facial Age Estimation Using Spatial Weber Local Descriptor**
GÜNAY YILMAZ A., NABIYEV V.
International Journal of Advances in Telecommunications, Electrotechnics, Signals and Systems, vol.6, no.3, pp.108-115, 2017 (Peer-Reviewed Journal)
- VIII. **Investigating the Effects of Facial Regions to Age Estimation**

GÜNAY A., NABIYEV V.

INTERNATIONAL JOURNAL OF APPLIED MATHEMATICS, ELECTRONICS AND COMPUTERS, no.4, pp.72-75, 2016
(Peer-Reviewed Journal)

IX. Yüz Bölgelerinin Yaş Tahmini Başarımlarının Yaş Gruplarına Göre Değerlendirilmesi

GÜNAY YILMAZ A., NABIYEV V.

Türkiye Bilişim Vakfı Bilgisayar Bilimleri ve Mühendisliği Dergisi, vol.9, no.2, pp.1-10, 2016 (Peer-Reviewed Journal)

X. Facial Age Estimation based on Decision Level Fusion of AAM, LBP and Gabor Features

GÜNAY YILMAZ A., NABIYEV V.

INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS, vol.6, no.8, pp.19-26, 2015
(ESCI)

XI. Age Estimation Based on AAM and 2D-DCT Features of Facial Images

GÜNAY YILMAZ A., NABIYEV V.

INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS, vol.6, no.2, pp.113-119, 2015
(ESCI)

XII. LBP Yardımıyla Görüntüdeki Kişinin Yaşının Bulunması

NABIYEV V., GÜNAY A.

Çankaya University Journal of Science and Engineering, no.8, pp.27-41, 2011 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. Lightweight Hybrid CNN Model for Face Presentation Attack Detection

Turhal U., Günay Yılmaz A., NABIYEV V.

2nd International Conference on Information Technologies and Their Applications, Baku, Azerbaijan, 23 - 25 April 2024, pp.1-14

II. Farklı Cinsiyet ve Yaş Aralıkları İçin Derin Öğrenme Tabanlı Irk Sınıflandırma

GÜNAY YILMAZ A., KÖKÇE Ö.

3rd International Conference on Applied Engineering and Natural Sciences, Konya, Turkey, 20 July 2022, pp.852-857

III. Roma Dönemi Madeni Paralarının Derin Öğrenme Tabanlı Sınıflandırılması

GÜNAY YILMAZ A., SAYGILI Ç., NABIYEV V.

3rd International Conference on Applied Engineering and Natural Sciences, Konya, Turkey, 20 July 2022, pp.1473-1477

IV. Yüz Görüntülerinden Cinsiyet Tespitinde Performans Geliştirme (Performance Improvement of Gender Estimation From Facial Images)

TURHAL U., GÜNAY YILMAZ A., NABIYEV V.

Tıptekno'18, Tıp Teknolojileri Kongresi, Gazimagusa, Cyprus (Kkct), 8 - 10 November 2018

V. Yaş Tahmini Probleminde Yüz Bölgelerinin Yaş Gruplarına Göre Başarımlarının Değerlendirilmesi

GÜNAY A., NABIYEV V.

Uluslararası Bilgisayar Bilimleri ve Mühendisliği Konferansı, 20 - 23 October 2016, pp.507-513

VI. Age Estimation Based on Hybrid Features of Facial Images

GÜNAY YILMAZ A., NABIYEV V.

30th International Symposium on Computer and Information Sciences (ISCIS), London, Canada, 21 - 24 September 2015, vol.363, pp.295-304

VII. Facial Age Estimation Using Spatial Weber Local Descriptor

GÜNAY YILMAZ A., NABIYEV V.

39th International Conference on Telecommunications and Signal Processing (TSP), Vienna, Austria, 27 - 29 June 2016, pp.466-469

VIII. Age Estimation Using Hybrid Features of Facial Images

Gunay A., NABIYEV V.

23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.702-705

- IX. **Age Estimation Based on Local Radon Features of Facial Images**
GÜNAY A., NABIYEV V.
Computer and Information Sciences III: 27th International Symposium on Computer and Information Sciences,, Lonrda, United Kingdom, 30 October 2012, pp.183-190
- X. **Morphing Faces for Age Estimation**
GÜNAY A., NABIYEV V.
International Symposium on INnovations in Intelligent SysTems and Applications INISTA'09, Trabzon, Turkey, 29 June - 01 July 2009, pp.80-84
- XI. **TEMEL BİLEŞEN ANALİZİ İLE YAŞ TAHMİNİ**
NABIYEV V., GÜNAY A.
Çukurova Üniversitesi, Mühendislik-Mimarlık Fakültesi, 30.Yıl Sempozyumu, Adana, Turkey, 16 - 18 October 2008, pp.11-16
- XII. **Towards a biometric purpose image filter according to skin detection**
NABIYEV V., GÜNAY A.
The Second International Conference Problems of Cybernetics and Informatics, Baku, Azerbaijan, 10 - 12 September 2008, pp.224-227
- XIII. **Age Estimation from facial images with local binary patterns**
NABIYEV V., GÜNAY YILMAZ A.
The 2nd International Conference on Control and Optimization with Industrial Applications, 2 - 04 June 2008
- XIV. **LBP Yardımıyla Görüntüdeki Kişinin Yaşının Bulunması**
NABIYEV V., GÜNAY A.
Çankaya Üniversitesi1.Mühendislik ve Teknoloji Sempozyumu, Ankara, Turkey, 23 - 24 April 2008, pp.83-94
- XV. **Automatic Age Classification with LBP**
Gunay A., NABIYEV V.
23rd International Symposium on Computer and Information Sciences (ISCIS), İstanbul, Turkey, 27 - 29 October 2008, pp.378-381
- XVI. **DETECTION OF FACE AND FACIAL FEATURES FOR AGE ESTIMATION**
NABIYEV V., GÜNAY A.
6th International Conference on INFORMATION Technologies & Telecommunication IT&TC, Gence, Azerbaijan, 1 - 03 October 2007, pp.1-5
- XVII. **Automatic detection of anthropometric features from facial images**
Guenay A., NABIYEV V.
IEEE 15th Signal Processing and Communications Applications Conference, Eskişehir, Turkey, 11 - 13 June 2007, pp.727-730
- XVIII. **Şifreleme Yönteminin Tespiti Amacıyla Çeşitli Şifreleme Algoritmalarının Araştırılması**
NABIYEV V., GÜNAY A.
, 1. Ulusal Elektronik İmza Sempozyumu, Ankara, Turkey, 7 - 08 December 2006, pp.230-235
- XIX. **Barnes maze based on computer vision and learning**
Gunay A., GEDİKLİ E., EKİNCİ M.
IEEE 14th Signal Processing and Communications Applications, Antalya, Turkey, 16 - 19 April 2006, pp.179-180
- XX. **Asal Sayıların Sınıflandırılmasıyla Açık Anahtarın Çözülmesi**
NABIYEV V., GÜNAY A.
International Twelfth Turkish Symposium on Artificial Intelligence and Neural Networks (TAINN 2003), Çanakkale, Turkey, 2 - 07 July 2003, pp.1-10
- XXI. **RSA Algoritmasının Deşifrelenmesi Amacıyla Genel Anahtarın Çözülmesi**
NABIYEV V., GÜNAY A.
11. Sinyal İşleme ve uygulamaları Kurultayı (SIU 2003), İstanbul, Turkey, 18 - 20 June 2003, pp.552-555

Metrics

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