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Personal Information

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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, C1 Advanced

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 Kullanıcı 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, Mühendislik Fakültesi, 2024 - Continues

Assistant Professor, Karadeniz Technical University, Of Teknoloji Fakültesi, Yazılım Mühendisliği, 2018 - 2024

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

Research Assistant, Karadeniz Technical University, -, Bilgisayar Mühendisliği, 2000 - 2003

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 öz niteliklerin 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 Giydirme 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. **AppleSENet: Apple Leaf Disease Classification Using Lite SE-Network**
ÖZARAS Ö. N., GÜNAY YILMAZ A., GEDİKLİ E.
2024 8th International Artificial Intelligence and Data Processing Symposium (IDAP), Malatya, Turkey, 21 - 22 September 2024
- II. **Handwriting Analysis for Alzheimer's Diagnosis: Feature Enrichment and Machine Learning Classification**
Akyürek Anacur C., Günay Yılmaz A., Aykut M.
8th International Artificial Intelligence and Data Processing Symposium, Malatya, Turkey, 21 - 22 September 2024, pp.1-5
- III. **Lightweight Hybrid CNN Model for Face Presentation Attack Detection**
Turhal U., Günay Yılmaz A., NABIYEV V.
Information Technologies and Their Applications , ITTA 2024. Communications in Computer and Information Science, Springer, Baku, Azerbaijan, 23 - 25 April 2024, vol.2226, pp.228-240
- IV. **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
- V. **Roma Dönemi Madeni Paraların 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
- VI. **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 (Kktc), 8 - 10 November 2018
- VII. **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
- VIII. **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

- IX. 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
- X. 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
- XI. 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
- XII. 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
- XIII. 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
- XIV. 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
- XV. 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
- XVI. 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
- XVII. 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
- XVIII. 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
- XIX. 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
- XX. 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
- XXI. 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
- XXII. 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

XXIII. **RSA Algoritmasının Deşifrenmesi 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

Publication: 47

Citation (WoS): 55

Citation (Scopus): 209

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H-Index (Scopus): 5