Lect. PhD ARDA ÜSTÜBİOĞLU

Personal Information

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International Researcher IDs
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Education Information

Doctorate, Karadeniz Technical University, -, Bilgisayar Mühendisliği, Turkey 2009 - 2018
Postgraduate, Karadeniz Technical University, -, Bilgisayar Mühendisliği, Turkey 2006 - 2009
Undergraduate, Karadeniz Technical University, Mühendislik-Mimarlık Fakültesi, Bilgisayar Mühendisliği, Turkey 2001 - 2005

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Tıbbi görüntülerde kırılgan damgalamaya dayalı değişiklik yer tespiti, Karadeniz Technical University, -, Bilgisayar Mühendisliği, 2018
Postgraduate, Bir Web Tabanlı miniHaskell Yorumlayıcısı, Karadeniz Technical University, -, Bilgisayar Mühendisliği, 2009

Research Areas

Computer Sciences, Information Security and Reliability, Hiding Information, Software, Programming Languages, Soft Computing, Engineering and Technology

Academic Titles / Tasks

Lecturer PhD, Karadeniz Technical University, Trabzon Meslek Yüksekokulu, Elektronik ve Otomasyon, 2009 - Continues
Research Assistant, Karadeniz Technical University, Mühendislik-Mimarlık Fakültesi, Bilgisayar Mühendisliği, 2006 - 2009

Academic and Administrative Experience

Assistant Director of Vocational School, Karadeniz Technical University, Trabzon Meslek Yüksekokulu, Elektronik ve Otomasyon, 2020 - Continues
Karadeniz Technical University, Trabzon Meslek Yüksekokulu, Elektronik ve Otomasyon, 2014 - 2016

Karadeniz Technical University, Trabzon Meslek Yüksekokulu, Elektronik ve Otomasyon, 2010 - 2013

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Audio forgery detection and localization with super-resolution spectrogram and keypoint-based clustering approach**
    ÜSTÜBİOĞLU B., TAHAOĞLU G., ULUTAŞ G., Ustubioglu A., KILIÇ M.
    JOURNAL OF SUPERCOMPUTING, vol.80, no.1, pp.486-518, 2024 (SCI-Expanded)

II. **Mel spectrogram-based audio forgery detection using CNN**
    Ustubioglu A., ÜSTÜBİOĞLU B., ULUTAŞ G.
    SIGNAL IMAGE AND VIDEO PROCESSING, vol.17, no.5, pp.2211-2219, 2023 (SCI-Expanded)

III. **IWT-MDE based reversible thermal image watermarking enhanced with secret sharing mechanism**
     ÜSTÜBİOĞLU A., ULUTAŞ G., ÜSTÜBİOĞLU B.
     MULTIMEDIA TOOLS AND APPLICATIONS, vol.78, no.16, pp.22269-22299, 2019 (SCI-Expanded)

IV. **Medical Image Tamper Detection Based on Passive Image Authentication**
    ULUTAŞ G., ÜSTÜBİOĞLU A., ÜSTÜBİOĞLU B., NABIYEV V., ULUTAŞ M.
    JOURNAL OF DIGITAL IMAGING, vol.30, no.6, pp.695-709, 2017 (SCI-Expanded)

V. **A New Medical Image Watermarking Technique with Finer Tamper Localization**
    ÜSTÜBİOĞLU A., ULUTAŞ G.
    JOURNAL OF DIGITAL IMAGING, vol.30, no.6, pp.665-680, 2017 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

I. **Detecting Audio Forgery with Rasta -PLP Rasta-PLP ile Ses Sahteciliği Tespiti**
    Hatipoğlu A., ÜSTÜBİOĞLU B., Üstübioglu A., ULUTAŞ G.
    32nd IEEE Conference on Signal Processing and Communications Applications, SIU 2024, Mersin, Turkey, 15 - 18 May 2024

II. **Robust Audio Forgery Detection Method Based on Capsule Network**
    DİNÇER S., ÜSTÜBİOĞLU B., ULUTAŞ G., TAHAOĞLU G., Ustubioglu A.
    2023 International Conference on Electrical and Information Technology, IEIT 2023, Malang, Indonesia, 14 - 15 September 2023, pp.243-247

III. **Watermarking Medical Images with IDWT-FWHT**
     ÜSTÜBİOĞLU A., ULUTAŞ G., ÜSTÜBİOĞLU B.
     26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018

IV. **Using correlation matrix to detect frame duplication forgery in videos**
    ÜSTÜBİOĞLU B., ULUTAŞ G., NABIYEV V., ULUTAŞ M., ÜSTÜBİOĞLU A.
    26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018

V. **A Fast Detection Method for Frame Duplication Forgery based on Correlation**
    ÜSTÜBİOĞLU B., ULUTAŞ G., NABIYEV V., ULUTAŞ M., ÜSTÜBİOĞLU A.
    25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017

VI. **Tamper Localization of the Medical Images Based on Fragile Watermarking**
    ÜSTÜBİOĞLU A., ULUTAŞ G., ÜSTÜBİOĞLU B.
    25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017

VII. **FRAME DUPLICATION FORGERY DETECTION BY USING DCT**
     ÜSTÜBİOĞLU B., ÜSTÜBİOĞLU A., ULUTAŞ G., ULUTAŞ M., NABIYEV V.
     9. ULUSLARARASI BİLGİ GÜVENLİĞİ VE KRİPTOLOJİ KONFERANSI, Ankara, Turkey, 25 October - 26 December 2016, pp.141-144

VIII. **Tıbbı Görüntülerde Bütünlük Kontrolü ve Dayanıklılık Sağlayan Yeni Bir Damgalama Algoritması**
      ÜSTÜBİOĞLU A., ULUTAŞ G.

9. ULUSLARARASI BİLGİ GÜVENLİĞİ VE KRİPTOLOJİ KONFERANSI, Ankara, Turkey, 19 - 21 October 2016, pp.98-102

IX. **LBP-DCT Based Copy Move Forgery Detection Algorithm**
Ustubioglu B., Ulutas G., Ulutas M., Nabiyev V., Ustubioglu A.
30th International Symposium on Computer and Information Sciences (ISCIS), London, Canada, 21 - 24 September 2015, vol.363, pp.127-136

X. **DCT Based Image Watermarking Method with Dynamic Gain**
ÜSTÜBİOĞLU A., ULUTAŞ G., ULUTAŞ M.
38th International Conference on Telecommunications and Signal Processing (TSP), Prague, Czech Republic, 9 - 11 July 2015, pp.550-554

XI. **A New Watermark Algorithm Resistance to Geometric Transformations**
ÜSTÜBİOĞLU A., ULUTAŞ G., ULUTAŞ M.
23nd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.1525-1528

XII. **Acromegaly Pre-Diagnosis Based On Principal Component and Linear Discriminant Analysis**
GENCTURK B., NABIYEV V., ÜSTÜBİOĞLU A.
21st Signal Processing and Communications Applications Conference (SIU), CYPRUS, 24 - 26 April 2013

XIII. **Automated Pre-Diagnosis of Acromegaly Disease Using Local Binary Patterns and Its Variants**
Gencturk B., NABIYEV V., ÜSTÜBİOĞLU A., Ketenci S.
36th International Conference on Telecommunications and Signal Processing (TSP), Rome, Italy, 2 - 04 July 2013, pp.817-821

XIV. **Yüz Benzerliğinin Otomatik Tespiti**
ÜSTÜBİOĞLU B., NABİYEV V., ÜSTÜBİOĞLU A.
5. Mühendislik ve Teknoloji Sempozyumu,2012., Ankara, Turkey, 26 - 27 April 2012, pp.60-62

XV. **Biyometrik Görüntülerin Ağ Üzerinden Güvenli Şekilde İletilmesi**
ÜSTÜBİOĞLU B., NABİYEV V., ÜSTÜBİOĞLU A.
Çankaya Üniversitesi 4. Mühendislik ve Teknoloji Sempozyumu, Ankara, Turkey, 28 - 29 April 2011, pp.50-52

XVI. **Intelligent Communication Between Hearing Disabled People And Visual Disabled People**
ÜSTÜBİOĞLU A.
The 2nd International Conference Problems of Cybernetics and Informatics, Baku, Azerbaijan, 10 - 12 September 2008, vol.1, pp.228-231

XVII. **Web-Tabanlı Bir Yorumlayıcının Tasarımı ve Gerçeklenmesi**
ÜSTÜBİOĞLU A.
1. Mühendislik ve Teknoloji Sempozyumu, Ankara, Turkey, 24 - 25 April 2008, pp.71-75

Metrics

Publication: 27
Citation (WoS): 66
Citation (Scopus): 103
H-Index (WoS): 4
H-Index (Scopus): 6