

## Prof. MURAT EKİNCİ

### Personal Information

**Office Phone:** [+90 462 377 3584](tel:+904623773584)

**Fax Phone:** [+90 462 325 7405](tel:+904623257405)

**Email:** [ekinci@ktu.edu.tr](mailto:ekinci@ktu.edu.tr)

**Web:** <http://ceng2.ktu.edu.tr/~ekinci>

**Address:** Karadeniz Teknik Üniversitesi Mühendislik Fakültesi Bilgisayar Mühendisliği Bölümü

### Education Information

Doctorate, University of Bristol, Engineering Faculty, Computer Science, United Kingdom 1993 - 1997

Post Graduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Bilgisayar Bilimleri, Turkey 1990 - 1993

Under Graduate, Karadeniz Technical University, Mühendislik-Mimarlık Fakültesi, Elektronik Mühendisliği, Turkey 1986 - 1990

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, Computer Vision Applied to the Navigation of an Autonomous Road Vehicle in Complex Road Networks, University of Bristol, Engineering Faculty, Computer Vision Lab., 1997

Post Graduate, Robot Uygulamaları için 3B'lu Cisimlerin Tanınması ve Konumlandırılması, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Elektronik - Bilgisayar Bilimleri A.B.D., 1993

### Research Areas

Information Systems, Communication and Control Engineering, Signal Processing, Image and Video Processing, Pattern Recognition and Analysis, Computer Sciences, Computer Vision, Computer Vision, Artificial Intelligence, Computer Learning and Pattern Recognition, Computer Learning, Human Computer Interaction, Pattern Recognition and Image Processing, Neural Networks, Biomedical Engineering, Biomedical Image Processing, Biomedical Image Processing, Engineering and Technology

### Academic Titles / Tasks

Professor, Karadeniz Technical University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2015 - Continues

Associate Professor, Karadeniz Technical University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2010 - 2015

Assistant Professor, Karadeniz Technical University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 1998 - 2010

Research Assistant PhD, Karadeniz Technical University, Mühendislik-Mimarlık Fakültesi, Bilgisayar Mühendisliği, 1997 - 1998

Research Assistant, University of Bristol, Engineering Faculty, Computer Science, 1993 - 1997

Research Assistant, Karadeniz Technical University, Mühendislik-Mimarlık Fakültesi, Elektrik-Elektronik Mühendisliği,

1991 - 1993

## Courses

Bitirme Çalışması, Under Graduate, 2014 - 2015  
Görüntü İşleme, Under Graduate, 2014 - 2015  
Tasarım Projesi, Under Graduate, 2014 - 2015  
Yapay Sinir Ağları, Under Graduate, 2014 - 2015  
Yapay Öğrenme, Under Graduate, 2011 - 2012

## Advising Theses

EKİNCİ M., Avuç izine Dayalı Kimliklendirme Sistemlerinde Kısıtlamasız Aya Örüntüsü Çıkarımı ve Uygulaması, Post Graduate, E.Baykal(Student), 2015  
EKİNCİ M., Avuç Parmak Eklem Yüzey Örüntüsü Çıkarımı ve Aya İmgelerine Dayalı Çoklu Biyometrik sistem Geliştirilmesi, Post Graduate, Ö.Makul(Student), 2015  
EKİNCİ M., İmge Füzyon Yöntemine Dayalı Otomatik Odaklama ve Yüksek Çözünürlüklü Mikroskobik Görüntüleme Sistemi Geliştirme Yaklaşımı, Post Graduate, H.Doğan(Student), 2014  
EKİNCİ M., Mikroskobik İmgelerde tüberküloz Bakterisinin Rastgele Ormanlar Yöntemiyle Sınıflandırılması, Post Graduate, S.Ayas(Student), 2014  
EKİNCİ M., Esnek Kullanımlı Avuç İzi Bölgesine Dayalı Doğrulama Sistemlerinin Tasarım Çalışması, Doctorate, M.Aykut(Student), 2013  
EKİNCİ M., Siluetlerden Üretilen Yürüyüş Biyometrisine Dayalı Kimliklendirme, Doctorate, E.Gedikli(Student), 2010  
EKİNCİ M., Orman Ekosisteminin Modellenmesi ve Model Üzerinde Sezgisel Yöntemler Kullanarak Sivilkültürel Müdahale Alternatiflerinin Belirlenmesi, Post Graduate, Ö.Bingöl(Student), 2009  
EKİNCİ M., Örüntü Tanıma amaçlı Doğrusal Olmayan Yöntemlerin Geliştirilmesi ve Uygulanması, Post Graduate, M.Aykut(Student), 2007  
EKİNCİ M., İdrar Mikroskobisinde Karşılaşılan Cisimlerin Otomatik Sınıflandırılması, Post Graduate, S.Gökhan(Student), 2006  
EKİNCİ M., Yüksek Performanslı Ağ Trafik Analizi, Post Graduate, S.Cevher(Student), 2004  
EKİNCİ M., Gerçek Zamanda Hareketli Nesnelerin İzlenmesi ve Aktivite Analizi, Post Graduate, E.Gedikli(Student), 2004

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **A new approach for data stream classification: unsupervised feature representational online sequential extreme learning machine**  
AYDOĞDU Ö., EKİNCİ M.  
MULTIMEDIA TOOLS AND APPLICATIONS, vol.79, pp.27205-27227, 2020 (Journal Indexed in SCI)
- II. **Transfer learning with pre-trained deep convolutional neural networks for serous cell classification**  
Baykal E., DOĞAN H., ERCİN M. E. , ERSÖZ Ş., EKİNCİ M.  
Multimedia Tools and Applications, vol.79, pp.15593-15611, 2020 (Journal Indexed in SCI)
- III. **Modern convolutional object detectors for nuclei detection on pleural effusion cytology images**  
Baykal E., DOĞAN H., ERCİN M. E. , ERSÖZ Ş., EKİNCİ M.  
Multimedia Tools and Applications, vol.79, pp.15417-15436, 2020 (Journal Indexed in SCI)
- IV. **Microscopic image super resolution using deep convolutional neural networks**  
AYAS S., EKİNCİ M.  
MULTIMEDIA TOOLS AND APPLICATIONS, vol.79, pp.15397-15415, 2020 (Journal Indexed in SCI)
- V. **Single image super resolution using dictionary learning and sparse coding with multi-scale and**

**multi-directional Gabor feature representation**

AYAS S., EKİNCİ M.

INFORMATION SCIENCES, vol.512, pp.1264-1278, 2020 (Journal Indexed in SCI)

- VI. **An Approach for Streaming Data Feature Extraction Based on Discrete Cosine Transform and Particle Swarm Optimization**  
AYDOĞDU Ö., EKİNCİ M.  
SYMMETRY-BASEL, vol.12, no.2, 2020 (Journal Indexed in SCI)
- VII. **An ensemble of fine-tuned fully convolutional neural networks for pleural effusion cell nuclei segmentation**  
BAYKAL KABLAN E., DOĞAN H., ERCİN M. E. , ERSÖZ Ş., EKİNCİ M.  
COMPUTERS & ELECTRICAL ENGINEERING, vol.81, 2020 (Journal Indexed in SCI)
- VIII. **Single image super resolution using dictionary learning and sparse coding with multi-scale and multi-directional Gabor feature representation**  
AYAS S., EKİNCİ M.  
INFORMATION SCIENCES, vol.1, pp.1-15, 2019 (Journal Indexed in SCI)
- IX. **Detecting interaction/complexity within crowd movements using braid entropy**  
Akpulat M., EKİNCİ M.  
FRONTIERS OF INFORMATION TECHNOLOGY & ELECTRONIC ENGINEERING, vol.20, no.6, pp.849-861, 2019 (Journal Indexed in SCI)
- X. **A novel 2D and 3D wide-view imaging approach by controlling optimal range for cytopathological analysis in light microscopic system**  
DOĞAN H., BAYKAL KABLAN E., ERCİN M. E. , ERSÖZ Ş., EKİNCİ M.  
OPTICS COMMUNICATIONS, vol.430, pp.39-50, 2019 (Journal Indexed in SCI)
- XI. **A novel extended depth of field process based on nonsubsampling shearlet transform by estimating optimal range in microscopic systems**  
DOĞAN H., BAYKAL KABLAN E., EKİNCİ M., ERCİN M. E. , ERSÖZ Ş.  
OPTICS COMMUNICATIONS, vol.429, pp.88-99, 2018 (Journal Indexed in SCI)
- XII. **Single image super resolution based on sparse representation using discrete wavelet transform**  
AYAS S., EKİNCİ M.  
MULTIMEDIA TOOLS AND APPLICATIONS, vol.77, no.13, pp.16685-16698, 2018 (Journal Indexed in SCI)
- XIII. **An Efficient Pan Sharpening via Texture Based Dictionary Learning and Sparse Representation**  
AYAS S., TUNÇ GÖRMÜŞ E., EKİNCİ M.  
IEEE JOURNAL OF SELECTED TOPICS IN APPLIED EARTH OBSERVATIONS AND REMOTE SENSING, vol.11, no.7, pp.2448-2460, 2018 (Journal Indexed in SCI)
- XIV. **A Novel Approach for Bi-Level Segmentation of Tuberculosis Bacilli Based on Meta-Heuristic Algorithms**  
AYAS S., DOĞAN H., GEDİKLİ E., EKİNCİ M.  
ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING, vol.18, no.1, pp.113-120, 2018 (Journal Indexed in SCI)
- XV. **Microscopic image stitching for cytopathological analysis**  
DOĞAN H., BAYKAL E., EKİNCİ M., ERCİN M. E. , ERSÖZ Ş.  
VIRCHOWS ARCHIV, vol.471, 2017 (Journal Indexed in SCI)
- XVI. **Automated nuclei detection in pleural effusion based on machine learning**  
BAYKAL E., DOĞAN H., EKİNCİ M., ERCİN M. E. , ERSÖZ Ş.  
VIRCHOWS ARCHIV, vol.471, 2017 (Journal Indexed in SCI)
- XVII. **Stereo-based palmprint recognition in various 3D postures**  
BİNGÖL Ö., EKİNCİ M.  
EXPERT SYSTEMS WITH APPLICATIONS, vol.78, pp.74-88, 2017 (Journal Indexed in SCI)
- XVIII. **Kernel Fisher discriminant analysis of Gabor features for online palmprint verification**  
EKİNCİ M., AYKUT M.  
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.24, no.2, pp.355-369, 2016

(Journal Indexed in SCI)

- XIX. Developing a contactless palmprint authentication system by introducing a novel ROI extraction method**  
AYKUT M., EKİNCİ M.  
IMAGE AND VISION COMPUTING, vol.40, pp.65-74, 2015 (Journal Indexed in SCI)
- XX. Random forest-based tuberculosis bacteria classification in images of ZN-stained sputum smear samples**  
EKİNCİ M., AYAS S.  
Signal,SIGNAL IMAGE AND VIDEO PROCESSING, vol.8, pp.49-61, 2014 (Journal Indexed in SCI Expanded)
- XXI. Random forest-based tuberculosis bacteria classification in images of ZN-stained sputum smear samples**  
AYAS S., EKİNCİ M.  
SIGNAL IMAGE AND VIDEO PROCESSING, vol.8, 2014 (Journal Indexed in SCI)
- XXII. Automatic panorama with auto-focusing based on image fusion for microscopic imaging system**  
DOĞAN H., EKİNCİ M.  
Signal,SIGNAL IMAGE AND VIDEO PROCESSING, vol.8, no.1, pp.5-20, 2014 (Journal Indexed in SCI Expanded)
- XXIII. Automatic panorama with auto-focusing based on image fusion for microscopic imaging system**  
DOĞAN H., EKİNCİ M.  
SIGNAL IMAGE AND VIDEO PROCESSING, vol.8, 2014 (Journal Indexed in SCI)
- XXIV. AAM-based palm segmentation in unrestricted backgrounds and various postures for palmprint recognition**  
AYKUT M., EKİNCİ M.  
PATTERN RECOGNITION LETTERS, vol.34, no.9, pp.955-962, 2013 (Journal Indexed in SCI)
- XXV. AAM-Based Palm Segmentation in Unrestricted Backgrounds and Various Postures for Palmprint Recognition**  
AYKUT M., EKİNCİ M.  
PATTERN RECOGNITION LETTERS, vol.34, pp.955-962, 2013 (Journal Indexed in SCI)
- XXVI. Improved Gait Recognition by Multiple-Projections Normalization**  
EKİNCİ M., AYKUT M.  
MACHINE VISION AND APPLICATIONS, vol.21, pp.143-161, 2010 (Journal Indexed in SCI)
- XXVII. Improved gait recognition by multiple-projections normalization**  
EKİNCİ M., AYKUT M.  
MACHINE VISION AND APPLICATIONS, vol.21, no.2, pp.143-161, 2010 (Journal Indexed in SCI)
- XXVIII. Palmprint Recognition by Applying Wavelet-Based Kernel PCA**  
EKİNCİ M., AYKUT M.  
JOURNAL OF COMPUTER SCIENCE AND TECHNOLOGY, vol.23, pp.851-861, 2008 (Journal Indexed in SCI)
- XXIX. Palmprint recognition by applying wavelet-based kernel PCA**  
EKİNCİ M., AYKUT M.  
JOURNAL OF COMPUTER SCIENCE AND TECHNOLOGY, vol.23, no.5, pp.851-861, 2008 (Journal Indexed in SCI)
- XXX. Simvastatin impairs spatial memory in rats at a specific dose level**  
Baytan S. H. , Alkanat M., Okuyan M., Ekinci M., Gedikli E., Ozeren M., Akgun A.  
TOHOKU JOURNAL OF EXPERIMENTAL MEDICINE, vol.214, pp.341-349, 2008 (Journal Indexed in SCI)
- XXXI. Human Gait Recognition Based on Kernel PCA Using Projections**  
EKİNCİ M., AYKUT M.  
JOURNAL OF COMPUTER SCIENCE AND TECHNOLOGY, vol.22, pp.867-876, 2007 (Journal Indexed in SCI)
- XXXII. Gabor-based Kernel PCA for Palmprint Recognition**  
EKİNCİ M.  
ELECTRONICS LETTERS, vol.43, pp.1077-1079, 2007 (Journal Indexed in SCI)
- XXXIII. A New Attempt to Silhouette-Based Gait Recognition for Human Identification**  
EKİNCİ M.  
Springer-Verlag, Lecture Notes in Computer Science,, vol.4013, pp.443-454, 2006 (Journal Indexed in SCI)

- Expanded)
- XXXIV. **Automatic Gait Recognition by Multi-Projection Analysis**  
EKİNCİ M.  
Springer-Verlag, Lecture Notes in Artificial Intelligence, vol.4031, pp.500-509, 2006 (Journal Indexed in SCI Expanded)
- XXXV. **Automatic Gait Recognition by Multi-Projection Analysis**  
EKİNCİ M.  
Lecture Notes in Artificial Intelligence, vol.4031, pp.500-509, 2006 (Journal Indexed in SCI Expanded)
- XXXVI. **A New Approach for Human Identification Using Gait Recognition**  
EKİNCİ M.  
Springer-Verlag, Lecture Notes in Computer Science,, vol.3982, pp.1216-1225, 2006 (Journal Indexed in SCI Expanded)
- XXXVII. **A new attempt to silhouette-based gait recognition for human identification**  
Ekinci M.  
ADVANCES IN ARTIFICIAL INTELLIGENCE, PROCEEDINGS, vol.4013, pp.443-454, 2006 (Journal Indexed in SCI)
- XXXVIII. **A new approach for human identification using gait recognition**  
Ekinci M.  
COMPUTATIONAL SCIENCE AND ITS APPLICATIONS - ICCSA 2006, PT 3, vol.3982, pp.1216-1225, 2006 (Journal Indexed in SCI)
- XXXIX. **Automatic gait recognition by multi-projection analysis**  
Ekinci M.  
ADVANCES IN APPLIED ARTIFICIAL INTELLIGENCE, PROCEEDINGS, vol.4031, pp.500-509, 2006 (Journal Indexed in SCI)
- XL. **Gait recognition using view distance vectors**  
EKİNCİ M., Gedikli E.  
COMPUTATIONAL INTELLIGENCE AND SECURITY, PT 1, PROCEEDINGS, vol.3801, pp.973-978, 2005 (Journal Indexed in SCI)
- XLI. **A novel approach on silhouette based human motion analysis for gait recognition**  
EKİNCİ M., Gedikli E.  
ADVANCES IN VISUAL COMPUTING, PROCEEDINGS, vol.3804, pp.219-226, 2005 (Journal Indexed in SCI)
- XLII. **Background Estimation Based People Detection and Tracking for Video Surveillance**  
EKİNCİ M., GEDİKLİ E.  
Springer-Verlag, Lecture Notes in Computer Science, vol.2869, pp.421-429, 2003 (Journal Indexed in SCI Expanded)

## Articles Published in Other Journals

- I. **Sürü Zekası Optimizasyon Algoritmaları Tabanlı Mikroskobik Görüntü Segmentasyonu**  
AYAS S., DOĞAN H., GEDİKLİ E., EKİNCİ M.  
Akıllı Sistemler ve Uygulamaları Dergisi, vol.1, pp.291-297, 2018 (Other Refereed National Journals)
- II. **Parçacık Sürü Zekası Optimizasyonu ile Mikroskobik Görüntülerin Segmentasyonunda Farklı Entropi Ölçülerinin Etkisi**  
DOĞAN H., AYAS S., GEDİKLİ E., EKİNCİ M.  
SÜLEYMAN DEMİREL ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, no.1, pp.1-8, 2017 (National Refreed University Journal)
- III. **Defining crowd movements as parabola and classifying these definitions**  
AKPULAT M., EKİNCİ M.  
International Journal of Applied Mathematics Electronics and Computers, vol.4, pp.165-169, 2016 (Refereed Journals of Other Institutions)
- IV. **Human Identification Using Gait**

EKİNCİ M.

Turkish Journal of Electrical Engineering & Computers, vol.14, pp.267-292, 2007 (Refereed Journals of Other Institutions)

- V. **Silhouette Based Human Motion Detection and Analysis for Real-Time Automated Video Surveillance**  
EKİNCİ M., GEDİKLİ E.

Turkish Journal of Electrical Engineering & Computers, vol.13, pp.199-229, 2005 (Refereed Journals of Other Institutions)

- VI. **Knowledge-Based Navigation for Autonomous Road Vehicles**

EKİNCİ M., Thomas B., Gibbs F. W.

Turkish Journal of Electrical Engineering & Computers,, vol.8, pp.1-29, 2000 (Refereed Journals of Other Institutions)

## Refereed Congress / Symposium Publications in Proceedings

- I. **A Biometric Personal verification using palmprint structural features and classifications**  
EKİNCİ M., NABİYEY V., ÖZTÜRK Y.  
IJCI Proceedings of Intl. XII Symposium on Artificial Intelligence and Neural networks, Çanakkale, Turkey, vol.1, no.1, pp.59
- II. **Stain independent nuclei segmentation of cytopathology images: A case study in pleural effusion**  
**Sitopatoloji görüntülerinde boya bağımsız çekirdek segmentasyonu: Plevral efüzyonda bir olgu çalışması**  
Kablan E., DOĞAN H., EKİNCİ M., ERCİN M. E. , ERSÖZ Ş.  
2019 Medical Technologies Congress, TIPTEKNO 2019, İzmir, Turkey, 3 - 05 October 2019
- III. **Effects of Other Color Spaces on Shape from Focus**  
DOĞAN H., Baykal E., ERCİN M. E. , ERSÖZ Ş., EKİNCİ M.  
4th International Conference on Computer Science and Engineering, UBMK 2019, Samsun, Turkey, 11 - 15 September 2019, pp.42-46
- IV. **An Incremental Autoencoder Approach for Data Stream Feature Extraction**  
**Akan Veri Özellik Çıkartması için Artımlı Otokodlayıcı Yaklaşımı**  
AYDOĞDU Ö., EKİNCİ M.  
4th International Conference on Computer Science and Engineering, UBMK 2019, Samsun, Turkey, 11 - 15 September 2019, pp.261-264
- V. **Generation of Optimal Focused 2D and 3D Images for Cytopathological Analysis in Light Microscopic Systems**  
DOĞAN H., BAYKAL KABLAN E., EKİNCİ M., ERCİN M. E. , ERSÖZ Ş.  
Medical Technologies Congress (TIPTEKNO), İzmir, Turkey, 3 - 05 October 2019, pp.275-278
- VI. **Stain independent nuclei segmentation of cytopathology images: A case study in pleural effusion**  
BAYKAL KABLAN E., DOĞAN H., EKİNCİ M., ERCİN M. E. , ERSÖZ Ş.  
Medical Technologies Congress (TIPTEKNO), İzmir, Turkey, 3 - 05 October 2019, pp.330-333
- VII. **A Study on Liveness Analysis for Palmprint Recognition System**  
AYDOĞDU Ö., Sadreddini Z., EKİNCİ M.  
41st International Conference on Telecommunications and Signal Processing, TSP 2018, Athens, Greece, 4 - 06 July 2018
- VIII. **Automated nuclei detection in serous effusion cytology with stacked sparse autoencoders**  
**Seröz Efüzyon Sitolojisinde Yiğınlanmış Seyrek Oto-Kodlayıcılar ile Otomatik Çekirdek Algılama**  
Baykal E., Dogan H., ERCİN M. E. , ERSÖZ Ş., Ekinci M.  
26th IEEE Signal Processing and Communications Applications Conference, SIU 2018, İzmir, Turkey, 2 - 05 May 2018, pp.1-4
- IX. **3D panoramic imaging for cytopatological analysis in light microscopic system**  
**Isikli Mikroskopik Sistemlerde Sitopatolojik Analiz için 3 Boyutlu Panoramik Görüntüleme**

Dogan H., Baykal E., ERCİN M. E. , ERSÖZ Ş., Ekinci M.

26th IEEE Signal Processing and Communications Applications Conference, SIU 2018, İzmir, Turkey, 2 - 05 May 2018, pp.1-4

- X. **Öğrenilmiş Sözlük Üzerinden Seyrek Gösterim Aracılığıyla Yeni Bir Pan Keskinleştirme Yöntemi**  
AYAS S., TUNÇ GÖRMÜŞ E., EKİNCİ M.  
26. IEEE Sinyal İşleme ve İletişim Uygulamaları Kurultayı, İzmir, Turkey, 2 - 05 May 2018, pp.1-4
- XI. **Automated nuclei detection in serous effusion cytology with stacked sparse autoencoders**  
BAYKAL E., DOĞAN H., EKİNCİ M., ERCİN M. E. , ERSÖZ Ş.  
2018 26th Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018, pp.1-4
- XII. **Çok Ölçekli ve Çok Yönlü Özellik Tanımlayıcısı Kullanarak Yeni Bir Seyrek Gösterim Tabanlı Süper Çözünürlük Yaklaşımı**  
AYAS S., EKİNCİ M.  
26. IEEE Sinyal İşleme ve İletişim Uygulamaları Kurultayı, İzmir, Turkey, 2 - 05 May 2018, pp.1-4
- XIII. **3D panoramic imaging for cytopatological analysis in light microscopic system**  
DOĞAN H., BAYKAL E., EKİNCİ M., ERCİN M. E. , ERSÖZ Ş.  
2018 26th Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018, pp.1-4
- XIV. **3D Panoramic Imaging for Cytopatological Analysis in Light Microscopic System**  
DOĞAN H., BAYKAL KABLAN E., ERCİN M. E. , ERSÖZ Ş., EKİNCİ M.  
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018
- XV. **Determining Complexity within the Crowd Movements**  
Akpulat M., EKİNCİ M.  
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018
- XVI. **A Novel Pan Sharpening Method via Sparse Representation over Learned Dictionary**  
AYAS S., TUNÇ GÖRMÜŞ E., EKİNCİ M.  
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018
- XVII. **A Novel Sparse Representation Based Super Resolution Approach Using Multi-Scale and Multi-Directional Feature Descriptor**  
AYAS S., EKİNCİ M.  
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018
- XVIII. **Automated Nuclei Detection in Serous Effusion Cytology with Stacked Sparse Autoencoders**  
BAYKAL KABLAN E., DOĞAN H., ERCİN M. E. , ERSÖZ Ş., EKİNCİ M.  
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018
- XIX. **Predict Public Opinion in Online Reviews with Imbalance Dataset and Feature Number**  
EKİNCİ M.  
Internaional Conference On Engineering Technologies, 7 - 09 December 2017, pp.155-160
- XX. **Sürü Zekası Optimizasyon Algoritmaları Tabanlı Mikroskopik Görüntü Segmentasyonu**  
AYAS S., DOĞAN H., GEDİKLİ E., EKİNCİ M.  
Akıllı Sistemlerde Yenilikler ve Uygulamaları, ASYU 2017, 5 - 07 October 2017
- XXI. **Image panorama without loss of focusing for microscopic systems**  
DOĞAN H., Baykal E., EKİNCİ M.  
2nd International Conference on Computer Science and Engineering, UBMK 2017, Antalya, Turkey, 5 - 08 October 2017, pp.135-140
- XXII. **Microscopic Image Segmentation Based on Swarm Inteliigence Optimization Algorithms**  
AYAS S., DOĞAN H., GEDİKLİ E., EKİNCİ M.  
Akıllı sistemlerde Yenilikler ve Uygulama Konferansı, Antalya, Turkey, 14 - 16 October 2017, pp.1-4
- XXIII. **Determination of Optimum Auto Focusing Function for Cytopathological Assesment Processes**  
DOĞAN H., BAYKAL E., EKİNCİ M., ERCİN M. E. , ERSÖZ Ş.  
EEE Medical Tecnologies National Congress (TIPEKNO), 12 - 14 October 2017
- XXIV. **Determination of optimum auto focusing function for cytopathological assesment processes**

- DOĞAN H., BAYKAL E., EKİNCİ M., ERCİN M. E. , ERSÖZ Ş.  
Medical Technologies National Congress (TIPTEKNO), Trabzon, Turkey, 10 - 13 October 2017, pp.1-4
- XXV. **Microscopic image stitching for cytopatological analysis**  
DOĞAN H., BAYKAL E., EKİNCİ M., ERCİN M. E. , ERSÖZ Ş.  
29th European Congress of Pathology, 2 - 06 September 2017, vol.471
- XXVI. **Automated nuclei detection in pleural effusion based on machine learning**  
BAYKAL E., DOĞAN H., EKİNCİ M., ERCİN M. E. , ERSÖZ Ş.  
29th European Congress of Pathology, 2 - 06 September 2017, vol.471
- XXVII. **Learning based single image super resolution using discrete wavelet transform**  
AYAS S., EKİNCİ M.  
17th international Conference on Computer Analysis of Images and Patterns, Ystad, Sweden, 22 - 24 August 2017, pp.1-11
- XXVIII. **Automated nuclei detection in serous effusion cytology based on machine learning Seröz Efüzyon Sitolojisinde Makine Öğrenmesine Dayalı Otomatik Çekirdek Algılama**  
Saykal E., DOĞAN H., EKİNCİ M., ERCİN M. E. , ERSÖZ Ş.  
25th Signal Processing and Communications Applications Conference, SIU 2017, Antalya, Turkey, 15 - 18 May 2017
- XXIX. **Optimal focusing with extended depth of focus in microscopic systems Mikroskopik Sistemlerde Odaklama Aralığının Genişletilmesi ile Optimum Odaklama**  
DOĞAN H., Saykal E., EKİNCİ M., ERCİN M. E. , ERSÖZ Ş.  
25th Signal Processing and Communications Applications Conference, SIU 2017, Antalya, Turkey, 15 - 18 May 2017
- XXX. **A Graph Form Data Stream Clustering Approach Based on Dimesion Reduction**  
AYDOĞDU Ö., EKİNCİ M.  
2017 25th Signal Processing and Communication Application Conference (SIU), 15 - 18 May 2017
- XXXI. **Automated Nuclei Detestion in Serous effusion Cytology Based on Machine Learning**  
BAYKAL E., DOĞAN H., ERCİN M. E. , ERSÖZ Ş., EKİNCİ M.  
2017 25th Signal Processing and Communication Application Conference (SIU), 15 - 18 May 2017
- XXXII. **Seyrek Gösterim Tabanlı Pan Keskinleştirme**  
AYAS S., TUNÇ GÖRMÜŞ E., EKİNCİ M.  
25. Sinyal İşleme ve İletişim Uygulamaları Kurultayı, Antalya, Turkey, 15 - 18 May 2017, pp.1-4
- XXXIII. **Automated nuclei detection in serous effusion cytology based on machine learning**  
BAYKAL E., DOĞAN H., EKİNCİ M., ERCİN M. E. , ERSÖZ Ş.  
Signal Processing and Communication Applications (SIU), Antalya, Turkey, 15 - 18 May 2017, pp.1-4
- XXXIV. **A graph form data stream clustering approach based on dimension reduction**  
AYDOĞDU Ö., EKİNCİ M.  
Sinyal İşleme ve İletişim Uygulamaları Kurultayı (SIU2017), Antalya, Turkey, 15 - 18 May 2017, pp.1-4
- XXXV. **Optimal focusing with extended depth of focus in microscopic systems**  
DOĞAN H., BAYKAL E., EKİNCİ M., ERCİN M. E. , ERSÖZ Ş.  
25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 2 - 05 May 2017, pp.1-4
- XXXVI. **Automated cell nuclei segmentation in pleural effusion cytology using active appearance model**  
Baykal E., DOĞAN H., EKİNCİ M., ERCİN M. E. , ERSÖZ Ş.  
17th International Conference on Computer Analysis of Images and Patterns, CAIP 2017, Ystad, Sweden, 22 - 24 August 2017, pp.59-69
- XXXVII. **Automated Nuclei Detection in Serous Effusion Cytology based on Machine Learning**  
BAYKAL KABLAN E., DOĞAN H., EKİNCİ M., ERCİN M. E. , ERSÖZ Ş.  
25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017
- XXXVIII. **Learning Based Single Image Super Resolution Using Discrete Wavelet Transform**  
AYAS S., EKİNCİ M.  
17th International Conference on Computer Analysis of Images and Patterns (CAIP), Ystad, Sweden, 22 - 24 August 2017, vol.10425, pp.462-472
- XXXIX. **Optimal Focusing with Extended Depth of Focus in Microscopic Systems**



DOĞAN H., BAYKAL KABLAN E., EKİNCİ M., ERCİN M. E. , ERSÖZ Ş.

25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017

- XL. **A Graph Form Data Stream Clustering Approach Based on Dimension Reduction**  
Makul O., EKİNCİ M.  
25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017
- XLI. **Observing the Entropy of Crowd Movements**  
Akpulat M., EKİNCİ M.  
25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017
- XLII. **Pan-Sharpening Based on Sparse Representation**  
AYAS S., TUNÇ GÖRMÜŞ E., EKİNCİ M.  
25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017
- XLIII. **Determination of Optimum Auto Focusing Function for Cytopathological Assessment Processes**  
DOĞAN H., BAYKAL KABLAN E., EKİNCİ M., ERCİN M. E. , ERSÖZ Ş.  
Medical Technologies National Congress (TIPTEKNO), Trabzon, Turkey, 12 - 14 October 2017
- XLIV. **A Novel Approach Based on Swarm Intelligence Algorithms for Bi level Segmentation of Microscopic Images**  
AYAS S., DOĞAN H., GEDİKLİ E., EKİNCİ M.  
XX. Biyomedikal Mühendisliği Ulusal Toplantısı, 3 - 05 November 2016
- XLV. **The Effect of Different Entropy Measures in Segmentation of Microscopic Images Using Particle Swarm Intelligence Algorithms**  
DOĞAN H., AYAS S., GEDİKLİ E., EKİNCİ M.  
XX. Biyomedikal Mühendisliği Ulusal Toplantısı, 3 - 05 November 2016
- XLVI. **Parçacık Sürü Zekası Optimizasyonu ile Mikroskopik Görüntülerin Segmentasyonunda Farklı Entropi Ölçülerinin Etkisi**  
DOĞAN H., AYAS S., GEDİKLİ E., EKİNCİ M.  
XX. Biyomedikal Mühendisliği Ulusal Toplantısı, İzmir, Turkey, 3 - 05 November 2016, pp.1-4
- XLVII. **Mikroskopik Görüntülerin İki Seviyeli Bölütlenmesi için Sürü Zekası Optimizasyonu Algoritmaları Tabanlı Yeni Bir Yaklaşım**  
AYAS S., EKİNCİ M.  
XX. Biyomedikal Mühendisliği Ulusal Toplantısı, İzmir, Turkey, 3 - 05 November 2016, pp.37-41
- XLVIII. **Mikroskopik Görüntülerin İki Seviyeli Bölütlenmesi İçin Sürü Zekası Optimizasyonu Algoritmaları Tabanlı Yeni Bir Yaklaşım**  
AYAS S., DOĞAN H., GEDİKLİ E., EKİNCİ M.  
XX. Biyomedikal Mühendisliği Ulusal Toplantısı, İzmir, Turkey, 3 - 05 November 2016, pp.1-4
- XLIX. **Parçacık Sürü Zekası Optimizasyonu ile Mikroskopik Görüntülerin Segmentasyonunda Farklı Entropi Ölçülerinin Etkisi**  
DOĞAN H., AYAS S., GEDİKLİ E., EKİNCİ M.  
XX. Biyomedikal Mühendisliği Ulusal Toplantısı, İzmir, Turkey, 3 - 05 November 2016, pp.1-4
- L. **Parçacık Sürü Zekası Optimizasyonu ile Mikroskopik Görüntülerin Segmentasyonunda Farklı Entropi Ölçülerinin Etkisi**  
DOĞAN H., AYAS S., GEDİKLİ E., EKİNCİ M.  
XX. Biyomedikal Mühendisliği Ulusal Toplantısı, İzmir, Turkey, 3 - 05 November 2016, pp.1-4
- LI. **Mikroskopik Görüntülemeye Otomatik Odaklamalı Panoramik Görüntü Birleştirme**  
DOĞAN H., EKİNCİ M.  
XX. Biyomedikal Mühendisliği Ulusal Toplantısı, İzmir, Turkey, 3 - 05 November 2016, pp.67-71
- LII. **Defining Crowd Movements as Parabola and Classfying these definitions**  
Akpulat M., EKİNCİ M.  
3rd International Conference on Advanced Technology & Sciences, Konya, Turkey, 1 October - 03 September 2016, pp.121-125
- LIII. **A Palmprint Authentication System Improved by Stereo Camera**  
Bingöl Ö., EKİNCİ M.

International Artificial Intelligence and Data Processing Symposium, Malatya, Turkey, 17 - 18 September 2016, pp.231-237

LIV. **A Robust Hand Pose Correction Method For Palmprint Recognition**

Bingöl Ö., EKİNCİ M.

International Conference on Advanced Technology & Sciences, Konya, Turkey, 1 - 03 September 2016, pp.124-128

LV. **The Selection Of The Most Suitable Images For Camera Calibration**

Bingöl Ö., EKİNCİ M.

International Conference on Engineering and Natural Sciences, Bosnia, Bosnia And Herzegovina, 24 - 28 May 2016, pp.125-129

LVI. **Baskın kalabalık hareketlerinin parçacık taşıma yöntemi ile belirlenmesi ve sınıflandırılması**

Akputat M., EKİNCİ M.

2016 24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Turkey, 16 - 19 May 2016, pp.2049-2052

LVII. **Neighbourhood-Based Collaborative Filtering Approach Using K-means Clustering**

MAKUL Ö., AYDOĞDU M. C. , AYKUT M., EKİNCİ M.

INTERNATIONAL CONFERENCE ON IMAGE PROCESSING, PRODUCTION AND COMPUTER SCIENCE, Londra, United Kingdom, 26 - 27 March 2016, pp.57-61

LVIII. **Detecting and Classifying Dominant Crowd Movements through Particle Advection**

Akputat M., EKİNCİ M.

24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Turkey, 16 - 19 May 2016, pp.2049-2052

LIX. **Palm and Palm Finger Joint Surfaces Based Multibiometric Approach**

Makul O., EKİNCİ M.

39th International Conference on Telecommunications and Signal Processing (TSP), Vienna, Austria, 27 - 29 June 2016, pp.665-668

LX. **Image Panaroma with Autofocusing on Microscopic Imaging**

DOĞAN H., EKİNCİ M.

20th National Biomedical Engineering Meeting (BIYOMUT), İzmir, Turkey, 3 - 05 November 2016

LXI. **Monitoring in High Density Crowd Movements Using Particle Advection**

Akputat M., EKİNCİ M.

The 9th "International Conference on Electrical and Electronics Engineering, ELECO 2015, Bursa, Turkey, 26 - 28 November 2015, pp.1213-1217

LXII. **Microscopic image segmentation based on firefly algorithm for detection of tuberculosis bacteria**

AYAS S., DOĞAN H., GEDİKLİ E., EKİNCİ M.

Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.851-854

LXIII. **Improvement of palmprint coding techniques with feature descriptors**

Bingöl Ö., EKİNCİ M.

Signal Processing and Communications Applications Conference (SIU), 2015 23th, Malatya, Turkey, 16 - 19 May 2015, pp.2412-2415

LXIV. **Microscopic image segmentation based on firefly algorithm for detection of tuberculosis bacteria**

AYAS S., DOĞAN H., GEDİKLİ E., EKİNCİ M.

Signal Processing and Communications Applications Conference (SIU), 2015 23th, Malatya, Turkey, 16 - 19 May 2015, pp.851-854

LXV. **Extraction of unrestricted palm patterns in a 3D environment and its application in biometrics**

BAYKAL E., EKİNCİ M.

Signal Processing and Communications Applications Conference (SIU), 2015 23th, Malatya, Turkey, 16 - 19 May 2015, pp.1749-1752

LXVI. **Development and implementation of multibiometric on palm finger joint and palm pattern**

MAKUL Ö., EKİNCİ M.

Signal Processing and Communications Applications Conference (SIU), 2015 23th, Malatya, Turkey, 16 - 19 May

2015, pp.1619-1622

- LXVII. **Tüberküloz Bakterilerinin Tespiti Amacıyla Ateşböceği Algoritmasına Dayalı Mikroskopik İmgelerin Bölütlenmesi**  
AYAS S., DOĞAN H., GEDİKLİ E., EKİNCİ M.  
IEEE 23. Sinyal İşleme ve İletişim Uygulamaları Kurultayı, Malatya, Turkey, 16 - 19 May 2015, pp.1-4
- LXVIII. **Bilgisayarlı Görmeye Dayalı Otomatik Kontrollü Mikroenjeksiyon Sistemi Hücre Üzerindeki Basıncın Tahmini**  
BOZKURT M. H. , GEDİKLİ E., EKİNCİ M.  
8. Mühendislik ve Teknoloji Sempozyumu, Ankara, Turkey, 14 May - 15 December 2015, pp.389-393
- LXIX. **Auto-focusing with Multi Focus Color Image Fusion Based on Curvelet Transform on Microscopic Imaging**  
Dugan H., AYAS S., EKİNCİ M.  
9th International Conference on Electrical and Electronics Engineering (ELECO), Bursa, Turkey, 26 - 28 November 2015, pp.237-240
- LXX. **Microscopic Image Segmentation Based on Firefly Algorithm for Detection of Tuberculosis Bacteria**  
AYAS S., DOĞAN H., GEDİKLİ E., EKİNCİ M.  
23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.851-854
- LXXI. **Improvement of Palmprint Coding Techniques with Feature Descriptors**  
BİNGÖL Ö., EKİNCİ M.  
23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.2412-2415
- LXXII. **Extraction of Unrestricted Palm Patterns in a 3D Environment and Its Application in Biometrics**  
BAYKAL KABLAN E., EKİNCİ M.  
23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.1749-1752
- LXXIII. **Development and Implementation of Multibiometric on Palm Finger Joint and Palm Pattern**  
Makul O., EKİNCİ M.  
23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.1619-1622
- LXXIV. **Grunwald-Letnikov Kesir Mertebeli Diferansiyel Maskesi Kullanarak Düşük Çözünürlüklü Avuç içi Görüntülerinin İyileştirilmesi**  
Bingöl Ö., EKİNCİ M.  
", Elektrik-Elektronik, Bilgisayar ve Biyomedikal Mühendisliği Sempozyumu, Bursa, Turkey, 27 - 29 November 2014, pp.124-127
- LXXV. **El Geometrisi Tabanlı Kısıtlamasız ve Temassız Bir Kimliklendirme Ssiteme**  
Bingöl Ö., EKİNCİ M.  
(ASYU-2014) Akıllı sistemlerde Yenilikler ve Uygulama Sempozyumu, İzmir, Turkey, 4 - 07 November 2014, pp.126-131
- LXXVI. **Parmak Eklem Izine Dayalı Biyometrik Kimliklendirme**  
MAKUL Ö., EKİNCİ M.  
22. Sinyal İşleme ve İletişim Uygulamaları Kurultayı (SIU2014), Trabzon, Turkey, 23 - 25 April 2014, pp.1881-1884
- LXXVII. **Auto-focusing on microscopic imaging with image fusion method**  
DOĞAN H., EKİNCİ M.  
Signal Processing and Communications Applications Conference (SIU), 2014 22nd, Trabzon, Turkey, 23 - 25 April 2014, pp.1857-1860
- LXXVIII. **Parmak Eklem izine Dayalı Biyometrik Kimliklendirme**  
MAKUL Ö., EKİNCİ M.  
IEEE SIU 2014, 22. Sinyal İşleme ve İletişim Uygulamaları Kurultayı, Trabzon, Turkey, 23 - 25 April 2014, pp.1881-1884
- LXXIX. **İmge Füzyon Yöntemine Dayalı Mikroskopik Görüntülemeye otomatik Odaklama**

- DOĞAN H., EKİNCİ M.  
IEEE SIU 2014, 22. Sinyal İşleme ve İletişim Uygulamaları Kurultayı, Trabzon, Turkey, 23 - 25 April 2014, pp.1857-1860
- LXXX. **Temassız Avuç İzi Kimliklendirme Sistemlerinde Kısıtlamasız Örüntü Seçimi**  
BAYKAL E., EKİNCİ M.  
IEEE SIU 2014, 22. Sinyal İşleme ve İletişim Uygulamaları Kurultayı, Trabzon, Turkey, 23 - 25 April 2014, pp.1885-1888
- LXXXI. **Biyometric Identification Based on Knuckle Prints**  
Makul O., EKİNCİ M.  
22nd IEEE Signal Processing and Communications Applications Conference (SIU), Trabzon, Turkey, 23 - 25 April 2014, pp.1881-1884
- LXXXII. **Automatic segmentation of mycobacterium tuberculosis in ziehl-neelsen sputum slide images using support vector machines**  
AYAS S., EKİNCİ M.  
IASTED International Conference on Biomedical Engineering, BioMed 2014, Zürich, Switzerland, 23 - 25 June 2014, pp.228-232
- LXXXIII. **A New Approach Stereo Based Palmprint Extraction in Unrestricted Postures**  
BİNGÖL Ö., EKİNCİ M., GÖKDOĞAN A.  
5th IEEE Workshop on Biometric Measurements and Systems for Security and Medical Applications (BIOMS), Rome, Italy, 17 October 2014, pp.44-49
- LXXXIV. **Auto-Focusing on Microscopic Imaging with Image Fusion Method**  
DOĞAN H., EKİNCİ M.  
22nd IEEE Signal Processing and Communications Applications Conference (SIU), Trabzon, Turkey, 23 - 25 April 2014, pp.1857-1860
- LXXXV. **Unrestricted Pattern Selection in Contact less Palmprint Identification Systems**  
BAYKAL KABLAN E., EKİNCİ M.  
22nd IEEE Signal Processing and Communications Applications Conference (SIU), Trabzon, Turkey, 23 - 25 April 2014, pp.1885-1888
- LXXXVI. **Otomatik Mikroskopi Görüntüleme Sistemi**  
DOĞAN H., EKİNCİ M.  
IEEE SIU 2013, 21. Sinyal İşleme ve İletişim Uygulamaları Kurultayı, Girne, Cyprus (Kkct), 24 - 26 April 2013, pp.423-427
- LXXXVII. **Microscopic imaging with automatic scanner**  
DOĞAN H., EKİNCİ M.  
Signal Processing and Communications Applications Conference (SIU), Girne, Cyprus (Kkct), 24 - 26 April 2013, pp.1-4
- LXXXVIII. **Stereo Kamera Kullanarak 3B Avuçiçi Poz Kestirimi**  
Bingöl Ö., EKİNCİ M.  
IEEE SIU 2013, 21. Sinyal İşleme ve İletişim Uygulamaları, Girne, Cyprus (Kkct), 24 - 26 April 2013, pp.125-129
- LXXXIX. **Tuberkloz Bakterisinin Otomatik Tanısı**  
AYAS S., EKİNCİ M.  
IEEE SIU 2013, 21. Sinyal İşleme ve İletişim Uygulamaları Kurultayı, Girne, Cyprus (Kkct), 24 - 26 April 2013, pp.345-349
- XC. **Tüberküloz Bakterisinin Mikroskopik Görüntü Analiziyle Algılanması**  
AYAS S., EKİNCİ M.  
21. Sinyal İşleme ve İletişim Uygulamaları Kurultayı, Girne, Cyprus (Kkct), 24 - 26 April 2013, pp.1-4
- XCI. **Detection of Tuberculosis Bacteria with Microscopic Image Analysis**  
Güven S., EKİNCİ M.  
21st Signal Processing and Communications Applications Conference (SIU), CYPRUS, 24 - 26 April 2013
- XCII. **Microscopic Imaging with Automatic Scanner**  
Yaldiz H., EKİNCİ M.

21st Signal Processing and Communications Applications Conference (SIU), CYPRUS, 24 - 26 April 2013

**XCIII. 3D Palmprint Pose Estimation Using Stereo Camera**

BİNGÖL Ö., EKİNCİ M.

21st Signal Processing and Communications Applications Conference (SIU), CYPRUS, 24 - 26 April 2013

**XCIV. GABOR TABANLI ÇEKİRDEK FİŞHER AYIRTACININ ONLİNE AVUÇ İZİ DOĞRULAMA SİSTEMİNE UYGULANMASI**

AYKUT M., EKİNCİ M.

IEEE SIU 2011, 19. Sinyal İşleme ve İletişim Uygulamaları Kurultayı, Antalya, Turkey, 20 - 22 April 2011, pp.321-325

**XCIV. Avuç izi Biyometrisine Dayalı Kimlik Doğrulama Sistemi**

AYKUT M., EKİNCİ M.

IEEE SIU'2010, 17. Sinyal İşleme ve İletişim Uygulamaları Kurultayı, Diyarbakır, Turkey, 22 - 24 April 2010, pp.156-159

**XCVI. Avuç İzine Dayalı Online Kimlik Doğrulama Sistemi**

AYKUT M., GEDİKLİ E., EKİNCİ M.

18. Sinyal İşleme ve İletişim Uygulamaları Kurultayı, Turkey, 22 - 24 April 2010

**XCVII. Siluet Farklarına Dayalı Yürüme Örüntüsü Üretme**

GEDİKLİ E., EKİNCİ M.

17. Sinyal İşleme ve İletişim Uygulamaları Kurultayı, Turkey, 9 - 11 April 2009

**XCVIII. Gabor Dalgacık Vektörlerine Farklı Boyutlardaki Kernel Matrisinin Uygulanmasıyla Avuç İzi Tanıma**

AYKUT M., EKİNCİ M.

IEEE SIU'2009, 17. Sinyal İşleme ve İletişim Uygulamaları Kurultayı, Antalya, Turkey, 9 - 11 April 2009, pp.347-401

**XCIX. Siluet Farklarına Dayalı Yürüme Örüntüsü Üretme**

GEDİKLİ E., EKİNCİ M.

" IEEE SIU'2009, 17. Sinyal İşleme ve İletişim Uygulamaları Kurultayı, Antalya, Turkey, 9 - 11 April 2009, pp.124-127

**C. Palmprint Recognition with Applying Different Kernel Matrix Sizes on Gabor Wavelet Features**

AYKUT M., EKİNCİ M.

IEEE 17th Signal Processing and Communications Applications Conference, Antalya, Turkey, 9 - 11 April 2009, pp.499-502

**CI. Gait Pattern Production Based on Silhouette Differences**

Gedikli E., EKİNCİ M.

IEEE 17th Signal Processing and Communications Applications Conference, Antalya, Turkey, 9 - 11 April 2009, pp.387-388

**CII. Kernel Principal Component Analysis of Gabor Features for Palmprint Recognition**

AYKUT M., EKİNCİ M.

3rd IAPR/IEEE International Conference on Advances in Biometrics, Alghero, Italy, 2 - 05 June 2009, vol.5558, pp.685-694

**CIII. Alcohol affects gait analysis in rats**

BAYTAN Ş. H. , EKİNCİ M., ALKANAT M., GEDİKLİ E., OKUYAN M., ERDOGMUS E., AHMET A.

10th International Conference on Cognitive Neuroscience, 1 - 05 September 2008, vol.2

**CIV. Fiziksel ve Psikolojik Değerlendirmeler için Kameralı Labirent**

GEDİKLİ E., EKİNCİ M., BAYTAN Ş. H. , ALKANAT M.

Ç.Ü. Mühendislik-Mimarlık Fakültesi 30. Yıl Sempozyumu, Turkey, 16 - 18 October 2008

**CV. Palmprint Recognition Using Kernel PCA of Gabor Features**

EKİNCİ M., AYKUT M.

23rd International Symposium on Computer and Information Sciences (ISCIS), İstanbul, Turkey, 27 - 29 October 2008, pp.106-107

**CVI. Dalgacık Tabanlı Kernel PCA Uygulayarak Avuç izi Tanıma**

AYKUT M., EKİNCİ M.

IEEE SIU'2007, 15. Sinyal İşleme ve İletişim Uygulamaları Kurultayı, Eskişehir, Turkey, 11 - 13 June 2007, pp.341-345

- CVII. **Kameralı Plus Labirent Deney Düzeneği**  
SAHİN M., EKİNCİ M., GEDİKLİ E., BAYTAN Ş. H.  
15. Sinyal İşleme ve İletişim Uygulamaları Kurultayı, Turkey, 11 - 13 June 2007
- CVIII. **Silüete Dayalı Kişi Tanıma**  
GEDİKLİ E., EKİNCİ M.  
15. Sinyal İşleme ve İletişim Uygulamaları Kurultayı, Turkey, 11 - 13 June 2007
- CIX. **A Novel Approach for Automatic Palmprint Recognition**  
EKİNCİ M., AYKUT M.  
The 20th Canadian Conference on Artificial Intelligence,, Montreal, Quebec, Canada, 28 - 30 May 2007, vol.4509, pp.122-133
- CX. **Gait Recognition Using Multiple Projections**  
EKİNCİ M.  
IEEE Computer Society, Proceedings of 7th the International Conference on Automatic Face and Gesture Recognition, Sothoumpton, United Kingdom, 10 - 12 April 2007, pp.517-522
- CXI. **A novel approach for automatic Palmprint recognition**  
EKİNCİ M., AYKUT M.  
20th Conference of the Canadian-Society-for-Computational-Studies-of-Intelligence, Montreal, Canada, 28 - 30 May 2007, vol.4509, pp.122-124
- CXII. **Silhouette based gait recognition**  
Gedikli E., EKİNCİ M.  
IEEE 15th Signal Processing and Communications Applications Conference, Eskişehir, Turkey, 11 - 13 June 2007, pp.668-669
- CXIII. **Gait Recognition by Applying Multiple Projections and Kernel PCA**  
EKİNCİ M., AYKUT M., GEDİKLİ E.  
5th International Conference on Machine Learning and Data Mining in Pattern Recognition, Leipzig, Germany, 18 - 20 July 2007, vol.4571, pp.727-729
- CXIV. **Palmprint recognition using wavelet based kernel PCA**  
AYKUT M., EKİNCİ M.  
IEEE 15th Signal Processing and Communications Applications Conference, Eskişehir, Turkey, 11 - 13 June 2007, pp.560-563
- CXV. **Elevated plus maze on based computer vision**  
ŞAHİN M., EKİNCİ M., GEDİKLİ E., Baytan S. H.  
IEEE 15th Signal Processing and Communications Applications Conference, Eskişehir, Turkey, 11 - 13 June 2007, pp.672-673
- CXVI. **Palmprint recognition by applying wavelet subband representation and kernel PCA**  
EKİNCİ M., AYKUT M.  
5th International Conference on Machine Learning and Data Mining in Pattern Recognition, Leipzig, Germany, 18 - 20 July 2007, vol.4571, pp.628-630
- CXVII. **A New Attepmt to Silhouette Based Gait Recognition for Human Identification**  
EKİNCİ M.  
Lecture Notes in Computer Science, 12 - 15 June 2006
- CXVIII. **A New Approach for Human Identification Using Gait Recognition**  
EKİNCİ M.  
Springer-Verlag, Lecture Notes in Computer Science, 18 - 20 May 2006
- CXIX. **Yürüyüş Stiline Dayalı Kişilerin Tanınması**  
EKİNCİ M., AYKUT M.  
IEEE SIU'2006, 14. Sinyal İşleme ve İletişim Uygulamaları Kurultayı, Antalya, Turkey, 17 - 19 April 2006, pp.312-315
- CXX. **Kameralı Barnes Labirent Deney Düzeneği ve Öğrenme**  
GÜNAY A., EKİNCİ M., GEDİKLİ E.  
SIU'2006, 14. Sinyal İşleme ve İletişim Uygulamaları Kurultayı, Antalya, Turkey, 17 - 19 April 2006, pp.142-146
- CXXI. **Human identification using gait**

- EKİNCİ M., AYKUT M.  
IEEE 14th Signal Processing and Communications Applications, Antalya, Turkey, 16 - 19 April 2006, pp.257-258
- CXXII. **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
- CXXIII. **Human Motion Detection, Tracking and Analysis for Automated Surveillance**  
GEDİKLİ E., EKİNCİ M.  
TAINN'05, Proc. The 14th Turkish Symposium on Artificial Intelligence and Neural Networks, İzmir, Turkey, 16 - 17 June 2005, pp.400-409
- CXXIV. **Real-Time Human/Vehicle Classification and Analysis by View Distance Distances**  
EKİNCİ M.  
TAINN'05, Proc. The 14th Turkish Symposium on Artificial Intelligence and Neural Networks, İzmir, Turkey, 16 - 17 June 2005, pp.29-37
- CXXV. **Human Motion Detection Tracking and Analysis For Video Surveillance**  
GEDİKLİ E., EKİNCİ M.  
Artificial Intelligence and Neural Networks: 14th Turkish Symposium, TAINN 2005, 16 - 17 June 2005
- CXXVI. **View Distance Based Human Motion Analysis**  
EKİNCİ M., GEDİKLİ E., NABİYEY V.  
MVA'2005 IAPR Conference on Machine Vision and Application, Tsukuba Science City, Japan, 18 - 20 May 2005, pp.233-236
- CXXVII. **Siluet Değişimine Dayalı Periyodik Hareket Analizi**  
EKİNCİ M., GEDİKLİ E.  
13. Sinyal İşleme Ve İletişim Uygulamaları Kurultayı Bildiri Kitabı, Turkey, 16 - 18 May 2005
- CXXVIII. **AVUÇ İÇİ ÇİZGİLERİNE GÖRE BİYOMETRİK TANIMA**  
NABİYEY V., EKİNCİ M., ÖZTÜRK Y.  
ELEKTRİK -ELEKTRONİK - BİLGİSAYAR MÜHENDİSLİĞİ 10. ULUSAL KONGRESİ, Turkey, 18 - 21 September 2003
- CXXIX. **Gerçek Zamanda Arka Planın Modellenmesi ve Güncelleştirilmesine Dayalı Hareketli Nesnenin İzlenmesi**  
EKİNCİ M., GEDİKLİ E.  
Elektrik-Elektronik-Bilgisayar Mühendisliği 10. Ulusal Kongresi ve Fuarı, Turkey, 18 - 21 September 2003
- CXXX. **Avuç İçi Çizgilerine Göre Biyometrik Tanıma**  
EKİNCİ M., NABİYEY V., ÖZTÜRK Y.  
Elektrik-Elektronik-Bilgisayar Mühendisliği 10. Ulusal Kongresi, İstanbul, Turkey, 5 - 07 September 2003, pp.535-538
- CXXXI. **A Biometric Personal Verification Using Palmprint Structural Features and Classifications**  
EKİNCİ M.  
Int. Journal of Computing Intelligent Proc. of Int. The XII. Turkish Symposium on Artificial Intelligence and Neural Networks, Çanakkale, Turkey, 2 - 04 July 2003, pp.147-152
- CXXXII. **Avuç İçi Özelliklerinin Sınıflandırılmasına Dayalı Biyometrik Tanıma**  
EKİNCİ M., NABİYEY V., ÖZTÜRK Y.  
TAINN'2003 12. Türk Yapay Zeka ve Yapay Sinir Ağları Sempozyumu,, Çanakkale, Turkey, 2 - 03 July 2003, pp.99-108
- CXXXIII. **Real Time Background Model Initialization and Maintenance for Video Surveillance**  
EKİNCİ M., GEDİKLİ E.  
Int. Journal of Computing Intelligent Proceeding of Int. XII. Turkish Symposium on Artificial Intelligence and Neural Networks, 2 - 04 July 2003, pp.164-170
- CXXXIV. **Avuç İçi Çizgilerine Dayalı Kişilerin Sınıflandırılarak Tanınması**  
EKİNCİ M., NABİYEY V., ÖZTÜRK Y.  
SIU'2003, 11. Sinyal İşleme ve İletişim Uygulamaları, İstanbul, Turkey, 18 - 20 June 2003, pp.234-237
- CXXXV. **Kamerahlı Gözetlemeler için Gerçek Zamanda Arka Plan Model Hesaplaması ve Güncelleştirilmesi**  
GEDİKLİ E., EKİNCİ M.

SIU'2003, 11. Sinyal İşleme ve İletişim Uygulamaları, İstanbul, Turkey, 18 June 2003, pp.434-437

**CXXXVI. Avuç İçi Çizgilerine Dayalı Kışilerin Sınıflandırılarak Tanınması**

EKİNCİ M., NABIYEV V., ÖZTÜRK Y.

SIU'03 Sinyal İşleme ve Uygulamaları Sempozyumu, İstanbul, Turkey, 18 - 20 June 2003

**CXXXVII. Ses Analizi Problemine Sezgisel Yaklaşım**

NABIYEV V., EKİNCİ M., Gürsoy E.

SIU'2002 10. Sinyal İşleme ve İletişim Uygulamaları Kurultayı, Denizli, Turkey, 12 - 14 June 2002, pp.1324-1329

**CXXXVIII. Kalman Filter Based Spatio-Temporal Fusion of Road Following Algorithms**

EKİNCİ M., Thomas B., Gibbs F. W.

10th Turkish Symposium on Artificial Intelligence and Neural Networks, Gazimagosa, Cyprus (Kkct), 21 - 22 June 2001, pp.281-290

**CXXXIX. Trafik Görüntü Dizisinde Araçların Sınıflandırılması ve İzlenilmesi**

EKİNCİ M., NABIYEV V.

SIU'2001, 9. Sinyal İşleme ve İletişim Uygulamaları Kurultayı, Gazimagosa, Cyprus (Kkct), 25 - 27 April 2001, pp.676-681

**CXL. Trafik Görüntü Dizisinde Araçların Sınıflandırılması Ve İzlenilmesi**

EKİNCİ M., NABIYEV V.

SIU'2001, 9. Sinyal İşleme ve İletişim Uygulamaları Kurultayı, Gazimagos, Cyprus (Kkct), 25 - 27 April 2001, pp.676-681

**CXLI. Oransal Tekleştirmeye Dayalı Karakter Tanıma**

NABIYEV V., EKİNCİ M.

SIU'2001, 9. Sinyal İşleme ve İletişim Uygulamaları Kurultayı, Gazimagosa, Cyprus (Kkct), 25 - 27 April 2001, pp.255-260

**CXLII. Trafik Görüntü Dizisinde Araçların Sınıflandırılması ve izlenmesi**

EKİNCİ M., NABIYEV V.

9. IEEE sinyal işleme ve Uygulamaları Kurultayı, Gazimagusa, Cyprus (Kkct), 25 - 27 April 2001, pp.676-681

**CXLIII. A Robust Road Following Algorithm**

EKİNCİ M., Thomas B., Gibbs F. W.

8th Turkish Symposium on Artificial Intelligence and Neural Networks, İstanbul, Turkey, 23 - 25 June 1999, pp.105-114

**CXLIV. Kavşak Trafiğinin otomatik İzlenilmesi**

EKİNCİ M.

SIU'99, 7. Sinyal İşleme ve Uygulamaları Kurultayı, Ankara, Turkey, 17 - 19 June 1999, pp.206-211

**CXLV. Model-Based Autonomous Road Vehicle Navigation in Complex Road Networks**

EKİNCİ M., Thomas B.

2nd Int. Symposium on Intelligent Manufacturing Systems, Sakarya, Turkey, 6 - 07 August 1998, pp.873-882

**CXLVI. Görme Tabanlı Araç Plakalarının Belirlenmesi ve Yapay Sinir Ağlarının Kullanılarak Tanınması**

EKİNCİ M., Oruç B., Saykı Y., Ahmetoğlu M.

SIU'98, 6. Sinyal İşleme ve Uygulamaları Kurultayı, Ankara, Turkey, 28 - 30 May 1998, vol.2, pp.625-630

**CXLVII. Multi-Camera Vision-Based Navigation of Autonomous Road Vehicles in Complex Road Networks**

EKİNCİ M., Thomas B.

ISCIS XI, the 11th Int. Symposium on Computer and Information Sciences, Antalya, Turkey, 08 November 1996, pp.53-62

**CXLVIII. Road Junction Recognition and Turn-Offs for Autonomous Road Vehicle Navigation**

EKİNCİ M., Thomas B.

IEEE Proc. of ICPR'96, 13th International Conference on Pattern Recognition, Viyana, Austria, 25 - 28 August 1996, pp.318-322

**CXLIX. Navigating an Autonomous Road Vehicle in Complex Road Networks**

EKİNCİ M., Thomas B.

IEEE, ACCV'95, Second Asian Conference on Computer Vision, Singapur, Singapur, 5 - 08 December 1995, pp.229-233



## Supported Projects

EKİNCİ M., TUBITAK Project, Malign Neoplazi ve Reaktif Mezotel Hiperplazisinin Bilgisayar Destekli Sitopatolojik Ayırıcı Tanısı Amaçlı Bilgisayarlı Görme ve Makine Öğrenmesi Tabanlı Otomatik Işık Mikroskopi Tarama ve Analizi, Continues  
EKİNCİ M., Project Supported by Higher Education Institutions, Bilgisayarla görmeye dayalı mikrobiyolojikbakterilerin otomatik tanınması amaçlı örüntü tanıma algoritmalarının tasarımı, geliştirilmesi, 2004 - 2018  
EKİNCİ M., TUBITAK Project, Avuç İzi Biyometrik Özelliğine Dayalı Otomatik Kişi Tanıma Sistemi, 2008 - 2010  
AKPINAR M. V. , EKİNCİ M., TUBITAK Project, Karayolu Alttemel dolguların güçlendirilmesinde optimum geogrid göz açıklığının ve agrega çapının araştırılması, 2007 - 2009

## Activities in Scientific Journals

Turkish Journal of Electrical Engineering and Computer Science, Committee Member, 2015 - Continues

## Scientific Refereeing

TUBITAK Project, March 2015  
TUBITAK Project, March 2015  
TUBITAK Project, March 2015  
TUBITAK Project, February 2015  
TUBITAK Project, February 2015  
TUBITAK Project, January 2015  
TUBITAK Project, January 2015  
TUBITAK Project, January 2015  
Signal, Image and Video Processing, SCI Journal, October 2014  
TUBITAK Project, October 2014  
Signal, Image and Video Processing, SCI Journal, September 2014  
TUBITAK Project, September 2014  
TUBITAK Project, August 2014  
TUBITAK Project, July 2014  
TUBITAK Project, April 2014  
TUBITAK Project, October 2013  
TUBITAK Project, June 2013  
Turkish Journal of electrical Engineering & Computer Sciences, SCI Journal, November 2012  
Machine Vision and Applications, SCI Journal, June 2012  
IEEE Signal processing Letters, SCI Journal, May 2012  
TUBITAK Project, April 2012  
TUBITAK Project, December 2011  
IEEE Transactions on Neural Networks, SCI Journal, December 2010  
TUBITAK Project, October 2010  
TUBITAK Project, April 2009  
TUBITAK Project, July 2007

## Invited Congress and Symposium Activities

Sinyal İşleme Uygulama Kurultay, Attendee, Trabzon, Turkey, 2014  
IEEE Sinyal İşleme ve Uygulama Kurultayı, Attendee, Diyarbakır, Turkey, 2010  
23rd IEEE International Symposium on Computer and Information Sciences, Attendee, İstanbul, Turkey, 2009

IEEE International Conference on Biometrics, Attendee, Alghero, Italy, 2009

IEEE Sinyal İşleme ve Uygulamaları Kurultayı, Attendee, Antalya, Turkey, 2009

Computer and Information Sciences, 2008. ISCIS '08. 23rd International Symposium on, Session Moderator, İstanbul, Turkey, 2008

The 5th Int. Conference on Machine Learning and Data Mining in Pattern Recognition, Attendee, Leipzig, Germany, 2007

IEEE Computer Society, Proceedings of 7th the International Conference on Automatic Face and Gesture Recognition, Attendee, Southampton, United Kingdom, 2006

## **Citations**

Total Citations (WOS):179

h-index (WOS):8