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International Researcher IDs

Publons / Web Of Science ResearcherID: A-2290-2012

Yoksis Researcher ID: 20331

Education Information

Doctorate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Bilgisayar Mühendisliği, Turkey 2003 - 2008

Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği, Turkey 2001 - 2003

Undergraduate, Middle East Technical University, Faculty Of Engineering, Bilgisayar Mühendisliği, Turkey 1997 - 2001

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Category knowledge, skeleton-based shape matching and shape classification, Orta Doğu Teknik Üniversitesi, Risk Analizi A.B.D., Bilgisayar Mühendisliği (Dr), 2008

Postgraduate, Vision-based human-computer interaction using laser pointer, Orta Doğu Teknik Üniversitesi, Risk Analizi A.B.D., Bilgisayar Mühendisliği (YI) (Tezli), 2003

Research Areas

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

Academic Titles / Tasks

Assistant Professor, Hacettepe University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2018 - Continues

Assistant Professor, Hacettepe University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2011 - 2018

Lecturer, Hacettepe University, Mühendislik Fakültesi, Geomatik Mühendisliği Bölümü, 2010 - 2011

Research Assistant, Middle East Technical University, Faculty Of Engineering, Department Of Computer Engineering, 2001 - 2008

Academic and Administrative Experience

Hacettepe Üniversitesi, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2015 - 2015

Courses

BBM 101: INTRODUCTION TO PROGRAMMING I, Undergraduate, 2017 - 2018, 2016 - 2017

BBM 406: FUNDAMENTALS OF MACHINE LEARNING, Undergraduate, 2017 - 2018, 2016 - 2017

CMP 722: Advanced Topics in Computer Vision, Doctorate, 2016 - 2017

BBM 202: Algorithms, Undergraduate, 2016 - 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Object and relation centric representations for push effect prediction**
Tekden A. E., Erdem A., Erdem E., Asfour T., Ugur E.
Robotics and Autonomous Systems, vol.174, 2024 (SCI-Expanded)
- II. **Hyperspectral image denoising via self-modulating convolutional neural networks**
Torun O., Yuksel S. E., Erdem E., Imamoglu N., Erdem A.
Signal Processing, vol.214, 2024 (SCI-Expanded)
- III. **HyperE2VID: Improving Event-Based Video Reconstruction via Hypernetworks**
Ercan B., Eker O., Saglam C., Erdem A., Erdem E.
IEEE Transactions on Image Processing, vol.33, pp.1826-1837, 2024 (SCI-Expanded)
- IV. **CLIP-guided StyleGAN Inversion for Text-driven Real Image Editing**
Baykal A. C., Anees A. B., Ceylan D., Erdem E., Erdem A., Yuret D.
ACM Transactions on Graphics, vol.42, no.5, 2023 (SCI-Expanded)
- V. **A Gated Fusion Network for Dynamic Saliency Prediction**
KOÇAK A., Erdem E., Erdem A.
IEEE TRANSACTIONS ON COGNITIVE AND DEVELOPMENTAL SYSTEMS, vol.14, no.3, pp.995-1008, 2022 (SCI-Expanded)
- VI. **Leveraging semantic saliency maps for query-specific video summarization**
Cizmeciler K., Erdem E., Erdem A.
MULTIMEDIA TOOLS AND APPLICATIONS, vol.81, no.12, pp.17457-17482, 2022 (SCI-Expanded)
- VII. **Neural Natural Language Generation: A Survey on Multilinguality, Multimodality, Controllability and Learning**
Erdem E., Kuyu M., Yagcioglu S., Frank A., Parcalabescu L., Babii A., Turuta O., Erdem A., Calixto L., Plank B., et al.
JOURNAL OF ARTIFICIAL INTELLIGENCE RESEARCH, vol.73, pp.1131-1207, 2022 (SCI-Expanded)
- VIII. **NOVA: Rendering Virtual Worlds with Humans for Computer Vision Tasks**
Kerim A., Aslan C., ÇELİKCAN U., Erdem E., Erdem A.
COMPUTER GRAPHICS FORUM, vol.40, no.6, pp.258-272, 2021 (SCI-Expanded)
- IX. **Synthetic18K: Learning better representations for person re-ID and attribute recognition from 1.4 million synthetic images**
Uner O. C., Aslan C., Ercan B., Ates T., ÇELİKCAN U., Erdem A., Erdem E.
SIGNAL PROCESSING-IMAGE COMMUNICATION, vol.97, 2021 (SCI-Expanded)
- X. **From Noon to Sunset: Interactive Rendering, Relighting, and Recolouring of Landscape Photographs by Modifying Solar Position**
Ture M., Cıklabakkal M. E., Erdem A., Erdem E., SATILMIŞ P., AKYÜZ A. O.
COMPUTER GRAPHICS FORUM, vol.40, no.6, pp.500-515, 2021 (SCI-Expanded)
- XI. **Using synthetic data for person tracking under adverse weather conditions**
Kerim A., ÇELİKCAN U., Erdem E., Erdem A.
IMAGE AND VISION COMPUTING, vol.111, 2021 (SCI-Expanded)
- XII. **Leveraging auxiliary image descriptions for dense video captioning**

- Boran E., Erdem A., İKİZLER CİNBİŞ N., Erdem E., Madhyastha P., Specia L.
PATTERN RECOGNITION LETTERS, vol.146, pp.70-76, 2021 (SCI-Expanded)
- XIII. **mustGAN: multi-stream Generative Adversarial Networks for MR Image Synthesis**
Yurt M., Dar S. U. H., Erdem A., Erdem E., Oguz K. K., ÇUKUR T.
MEDICAL IMAGE ANALYSIS, vol.70, 2021 (SCI-Expanded)
- XIV. **Generating visual story graphs with application to photo album summarization**
Celikkale B., Erdogan G., Erdem A., Erdem E.
SIGNAL PROCESSING-IMAGE COMMUNICATION, vol.90, 2021 (SCI-Expanded)
- XV. **Burst Photography for Learning to Enhance Extremely Dark Images**
Karadeniz A. S., Erdem E., Erdem A.
IEEE TRANSACTIONS ON IMAGE PROCESSING, vol.30, pp.9372-9385, 2021 (SCI-Expanded)
- XVI. **Hedging static saliency models to predict dynamic saliency**
Kavak Y., Erdem E., Erdem A.
SIGNAL PROCESSING-IMAGE COMMUNICATION, vol.81, 2020 (SCI-Expanded)
- XVII. **Manipulating Attributes of Natural Scenes via Hallucination**
KARACAN L., Akata Z., Erdem A., Erdem E.
ACM TRANSACTIONS ON GRAPHICS, vol.39, no.1, 2020 (SCI-Expanded)
- XVIII. **Image Synthesis in Multi-Contrast MRI With Conditional Generative Adversarial Networks**
Dar S. U. H., Yurt M., KARACAN L., Erdem A., ERDEM M. E., ÇUKUR T.
IEEE TRANSACTIONS ON MEDICAL IMAGING, vol.38, no.10, pp.2375-2388, 2019 (SCI-Expanded)
- XIX. **Spatio-Temporal Saliency Networks for Dynamic Saliency Prediction**
Bak C., KOÇAK A., ERDEM M. E., Erdem A.
IEEE TRANSACTIONS ON MULTIMEDIA, vol.20, no.7, pp.1688-1698, 2018 (SCI-Expanded)
- XX. **Alpha Matting With KL-Divergence-Based Sparse Sampling**
KARACAN L., Erdem A., ERDEM M. E.
IEEE TRANSACTIONS ON IMAGE PROCESSING, vol.26, no.9, pp.4523-4536, 2017 (SCI-Expanded)
- XXI. **A comparative study for feature integration strategies in dynamic saliency estimation**
Kavak Y., ERDEM M. E., Erdem A.
SIGNAL PROCESSING-IMAGE COMMUNICATION, vol.51, pp.13-25, 2017 (SCI-Expanded)
- XXII. **Deformable part-based tracking by coupled global and local correlation filters**
AKIN O., Erdem E., Erdem A., Mikolajczyk K.
JOURNAL OF VISUAL COMMUNICATION AND IMAGE REPRESENTATION, vol.38, pp.763-774, 2016 (SCI-Expanded)
- XXIII. **Automatic Description Generation from Images: A Survey of Models, Datasets, and Evaluation Measures**
Bernardi R., Cakici R., Elliott D., Erdem A., ERDEM M. E., İKİZLER CİNBİŞ N., Keller F., Muscat A., Plank B.
JOURNAL OF ARTIFICIAL INTELLIGENCE RESEARCH, vol.55, pp.409-442, 2016 (SCI-Expanded)
- XXIV. **Visual saliency estimation by nonlinearly integrating features using region covariances**
Erdem E., Erdem A.
JOURNAL OF VISION, vol.13, no.4, 2013 (SCI-Expanded)
- XXV. **Graph Transduction as a Noncooperative Game**
Erdem A., Pelillo M.
NEURAL COMPUTATION, vol.24, no.3, pp.700-723, 2012 (SCI-Expanded)
- XXVI. **A similarity-based approach for shape classification using Asian skeletons**
Erdem A., Tari S.
PATTERN RECOGNITION LETTERS, vol.31, no.13, pp.2024-2032, 2010 (SCI-Expanded)
- XXVII. **Dissimilarity between two skeletal trees in a context**
Baseski E., Erdem A., Tari S.
PATTERN RECOGNITION, vol.42, no.3, pp.370-385, 2009 (SCI-Expanded)
- XXVIII. **Vision-based continuous Graffiti (TM)-like text entry system**
Erdem I., Erdem M. E., Atalay V., Cetin A.
OPTICAL ENGINEERING, vol.43, no.3, pp.553-558, 2004 (SCI-Expanded)

Articles Published in Other Journals

- I. **MSVD-Turkish: a comprehensive multimodal video dataset for integrated vision and language research in Turkish**

Citamak B., Caglayan O., Kuyu M., Erdem E., Erdem A., Madhyastha P., Specia L.
MACHINE TRANSLATION, vol.35, pp.265-288, 2021 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **EVREAL: Towards a Comprehensive Benchmark and Analysis Suite for Event-based Video Reconstruction**
Ercan B., Eker O., Erdem A., Erdem E.
2023 IEEE/CVF Conference on Computer Vision and Pattern Recognition Workshops, CVPRW 2023, Vancouver, Canada, 18 - 22 June 2023, vol.2023-June, pp.3943-3952
- II. **Modulating Bottom-Up and Top-Down Visual Processing via Language-Conditional Filters**
Kesen I., Can O. A., Erdem E., Erdem A., Yuret D.
IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR), Louisiana, United States Of America, 18 - 24 June 2022, pp.4609-4619
- III. **Multi-Contrast MRI Synthesis with Channel-Exchanging-Network Çoklu-Kontrast MRG'de Kanal-Değişim-Ağı ile Görüntü Sentezi**
Dalmaz O., Aytekin I., Dar S. U. H., Erdem A., Erdem E., Cukur T.
30th Signal Processing and Communications Applications Conference, SIU 2022, Safranbolu, Turkey, 15 - 18 May 2022
- IV. **CRAFT: A Benchmark for Causal Reasoning About Forces and inTeractions**
Ates T., Atesoglu M. S., Yigit C., Kesen I., Kobas M., Erdem E., Erdem A., Goksun T., Yuret D.
60th Annual Meeting of the Association-for-Computational-Linguistics (ACL), Dublin, Ireland, 22 - 27 May 2022, pp.2602-2627
- V. **Procedural Reasoning Networks for Understanding Multimodal Procedures**
Amaç M. S., Yağcıoğlu S., ERDEM İ. A., ERDEM M. E.
The SIGNLL Conference on Computational Natural Language Learning (CoNLL), Hong Kong, Hong Kong, 3 - 04 November 2019
- VI. **MSVD-Türkçe: Türkçe Video Altyazılama için Geniş Ölçekli Bir Veri Kümesi (MSVD-Turkish: A Large-Scale Dataset for Video Captioning in Turkish)**
Çitamak B., Kuyu M., ERDEM İ. A., ERDEM M. E.
27. IEEE Sinyal İşleme ve İletişim Uygulamaları Kurultayı (SIU 2019), Sivas, Turkey, 24 - 26 April 2019
- VII. **Derin Modellerin Eğitiminde Uygulanan Yöntemlerin Giysi Niteliklerinin Tespiti Üzerinde Kıyaslamalı Bir Analizi (A Comparative Analysis of Practices in Training Deep Models for Fashion Attribute Detection)**
Amaç M. S., ERDEM İ. A., ERDEM M. E.
27. IEEE Sinyal İşleme ve İletişim Uygulamaları Kurultayı (SIU 2019), Turkey, 24 - 26 April 2019
- VIII. **MSVD-Turkish: A Large-Scale Dataset for Video Captioning in Turkish**
Citamak B., Kuyu M., Erdem A., Erdem E.
27th Signal Processing and Communications Applications Conference (SIU), Sivas, Turkey, 24 - 26 April 2019
- IX. **Diverse Neural Photo Album Summarization**
Ozkose Y. E., Celikkale B., Erdem E., Erdem A.
9th International Conference on Image Processing Theory, Tools and Applications (IPTA), İstanbul, Turkey, 6 - 09 November 2019
- X. **Multimodal Learning with Vision and Language**
Erdem A., Erdem E.
9th International Conference on Image Processing Theory, Tools and Applications (IPTA), İstanbul, Turkey, 6 - 09 November 2019

November 2019

- XI. **A Comparative Analysis of Practices in Training Deep Models for Fashion Attribute Detection**
Amac M. S., Erdem A., Erdem E.
27th Signal Processing and Communications Applications Conference (SIU), Sivas, Turkey, 24 - 26 April 2019
- XII. **RecipeQA: A Challenge Dataset for Multimodal Comprehension of Cooking Recipes**
Yagcioglu S., ERDEM İ. A., ERDEM M. E., İKİZLER CİNBİŞ N.
Conference on Empirical Methods in Natural Language Processing (EMNLP) 2018, Bruksel, Belgium, 31 October 2018, pp.1358-1368
- XIII. **Altsözcük Öğeleri ile Türkçe Görüntü Altyazılama (Image Captioning in Turkish with Subword Units)**
Kuyu M., ERDEM İ. A., ERDEM M. E.
26. IEEE Sinyal İşleme ve İletişim Uygulamaları Kurultayı (SIU 2018), İzmir, Turkey, 02 May 2018, pp.1-4
- XIV. **Kişi Görüntülerinin Nitelik Esaslı Üretilmesi (Generating Person Images Based on Attributes)**
GÜNEL M., ERDEM M. E., ERDEM İ. A.
26. IEEE Sinyal İşleme ve İletişim Uygulamaları Kurultayı (SIU 2018), 2 - 05 May 2018
- XV. **Finding Location of A Photograph with Deep Learning**
Ozkose Y. E., Yilikoglu T. A., KARACAN L., Erdem A.
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018
- XVI. **Generating Person Images Based on Attributes**
Gunel M., Erdem E., Erdem A.
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018
- XVII. **Image Captioning in Turkish with Subword Units**
Kuyu M., Erdem A., Erdem E.
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018
- XVIII. **Automatic Description Generation from Images: A Survey of Models, Datasets, and Evaluation Measures**
BERNARDI R., ÇAKICI R., ELLIOTT D., ERDEM İ. A., ERDEM M. E., İKİZLER CİNBİŞ N., KELLER F., MUSCAT A., PLANK B.
International Joint Conference on Artificial Intelligence, 19 - 25 August 2017
- XIX. **Re-evaluating Automatic Metrics for Image Captioning**
KİLİCKAYA M., ERDEM İ. A., ERDEM M. E., İKİZLER CİNBİŞ N.
The 15th Conference of the European Chapter of the Association for Computational Linguistics, 3 - 07 April 2017
- XX. **Turkish Cuisine: A Benchmark Dataset with Turkish Meals for Food Recognition**
Gungor C., Baltaci F., ERDEM İ. A., ERDEM M. E.
25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017
- XXI. **Feature-Based Efficient Moving Object Detection for Low-Altitude Aerial Platforms**
Logoglu K. B., Lezki H., Yucel M. K., Ozturk A., Kucukkomurler A., Karagoz B., Erdem A., ERDEM M. E.
16th IEEE International Conference on Computer Vision (ICCV), Venice, Italy, 22 - 29 October 2017, pp.2119-2128
- XXII. **Leveraging Captions in the Wild to Improve Object Detection**
KİLİCKAYA M., İKİZLER CİNBİŞ N., ERDEM M. E., ERDEM İ. A.
5th Workshop on Vision and Language (VL'16), 12 August 2016
- XXIII. **TasvirEt: A Benchmark Dataset for Automatic Turkish Description Generation from Images**
Unal M. E., Citamak B., Yagcioglu S., Erdem A., ERDEM M. E., İKİZLER CİNBİŞ N., Çakici R.
24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Turkey, 16 - 19 May 2016, pp.1977-1980
- XXIV. **Summarizing Personal Image Collections with Intrinsic Properties**
Erdogan G., Celikkale B., Erdem A., ERDEM M. E.
24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Turkey, 16 - 19 May 2016, pp.1225-1228
- XXV. **Dominant Sets Based Analysis of Human Crowds**
ASAL B., Erdem A., ERDEM M. E.
24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Turkey, 16 - 19 May 2016,

pp.1713-1716

- XXVI. **Clustering Motion Trajectories via Dominant Sets**
Bak C., Erdem A., ERDEM M. E.
24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Turkey, 16 - 19 May 2016, pp.601-604
- XXVII. **The Thermal Infrared Visual Object Tracking VOT-TIR2016 Challenge Results**
Felsberg M., Kristan M., Matas J., Leonardis A., Pflugfelder R., Hager G., Berg A., Eldesokey A., Ahlberg J., Cehovin L., et al.
14th European Conference on Computer Vision (ECCV), Amsterdam, Netherlands, 8 - 16 October 2016, vol.9914, pp.824-849
- XXVIII. **The Visual Object Tracking VOT2016 Challenge Results**
Kristan M., Leonardis A., Matas J., Felsberg M., Pflugfelder R., Cehovin L., Vojir T., Hager G., Lukezic A., Fernandez G., et al.
14th European Conference on Computer Vision (ECCV), Amsterdam, Netherlands, 8 - 16 October 2016, vol.9914, pp.777-823
- XXIX. **A Distributed Representation Based Query Expansion Approach for Image Captioning**
Yagcioglu S., ERDEM M. E., Erdem A., Cakici R.
53rd Annual Meeting of the Association-for-Computational-Linguistics (ACS) / 7th International Joint Conference on Natural Language Processing of the Asian-Federation-of-Natural-Language-Processing (IJCNLP), Beijing, China, 26 - 31 July 2015, pp.106-111
- XXX. **Image Matting with KL-Divergence Based Sparse Sampling**
KARACAN L., Erdem A., ERDEM M. E.
IEEE International Conference on Computer Vision, Santiago, Chile, 11 - 18 December 2015, pp.424-432
- XXXI. **City Scale Image Geolocalization via Dense Scene Alignment**
Yagcioglu S., ERDEM M. E., Erdem A.
IEEE Winter Conference on Applications of Computer Vision (WACV 2015), Hawaii, United States Of America, 6 - 09 January 2015, pp.726-732
- XXXII. **Top down saliency estimation via superpixel based discriminative dictionaries**
KOÇAK A., Çizmeciler K., ERDEM İ. A., ERDEM M. E.
British Machine Vision Conference (BMVC 2014), 1 - 05 September 2014
- XXXIII. **Data driven image captioning with meta class based retrieval**
KİLICKAYA M., ERDEM M. E., ERDEM İ. A., İKİZLER CİNBIŞ N., ÇAKICI R.
2014 22nd Signal Processing and Communications Applications Conference (SIU), Trabzon, Turkey, Turkey, 23 - 25 April 2014
- XXXIV. **VISUAL SALIENCY GUIDED EXPOSURE FUSION**
Mammadova K., ERDEM M. E., Erdem A.
22nd IEEE Signal Processing and Communications Applications Conference (SIU), Trabzon, Turkey, 23 - 25 April 2014, pp.536-539
- XXXV. **Evaluating Deghosting Algorithms for HDR Images**
Tursun O. T., AKYÜZ A. O., Erdem A., ERDEM M. E.
22nd IEEE Signal Processing and Communications Applications Conference (SIU), Trabzon, Turkey, 23 - 25 April 2014, pp.1275-1278
- XXXVI. **Image Colorization via Dense Correspondences**
Gunel M., KARACAN L., Erdem A., ERDEM M. E.
22nd IEEE Signal Processing and Communications Applications Conference (SIU), Trabzon, Turkey, 23 - 25 April 2014, pp.285-288
- XXXVII. **Online Learning and Detection with Part-based Circulant Structure**
Akin O., Mikolajczyk K.
22nd International Conference on Pattern Recognition (ICPR), Stockholm, Sweden, 24 - 28 August 2014, pp.4229-4233
- XXXVIII. **Visual saliency estimation by integrating features using multiple kernel learning**

- Kavak Y., ERDEM M. E., ERDEM İ. A.
6th International Symposium on Attention in Cognitive Systems (ISACS 2013), 3 - 05 August 2013
- XXXIX. **Visual Attention-driven Spatial Pooling for Image Memorability**
Celikkale B., Erdem A., ERDEM M. E.
26th IEEE Conference on Computer Vision and Pattern Recognition (CVPR), Oregon, United States Of America, 23 - 28 June 2013, pp.976-983
- XL. **Group Sparsity Based Sparse Coding for Region Covariances**
Erdogan H. T., ERDEM M. E., ERDEM İ. A.
21st Signal Processing and Communications Applications Conference (SIU), CYPRUS, 24 - 26 April 2013
- XLI. **MILIS Çoklu Örnekle Öğrenme Algoritmasının Farklı Bir Örnek Seçme Yöntemiyle Yeniden İncelenmesi**
Akın O., ERDEM İ. A., ERDEM M. E.
20. IEEE Sinyal İşleme ve İletişim Uygulamaları Kurultayı (SİU 2012), Mugla, Turkey, Turkey, 18 - 20 April 2012
- XLII. **Multiple-Instance Learning with Instance Selection via Dominant Sets**
Erdem A., ERDEM M. E.
1st International Workshop on Similarity-Based Pattern Recognition (SIMBAD), Venice, Italy, 28 - 30 September 2011, vol.7005, pp.177-191
- XLIII. **Graph Transduction as a Non-cooperative Game**
Erdem A., Pelillo M.
8th IAPR-TC-15 International Workshop on Graph-Based Representations in Pattern Recognition (GbRPR), Münster, Germany, 18 - 20 May 2011, vol.6658, pp.195-204
- XLIV. **Articulation Prior in an Axial Representation**
ERDEM İ. A., ERDEM M. E., TARI Z. S.
International Workshop on the Representation and Use of Prior Knowledge in Computer Vision, 13 May 2006
- XLV. **Edge Strength Functions as Shape Priors in Image Segmentation**
ERDEM M. E., ERDEM İ. A., TARI Z. S.
5th International Workshop on Energy Minimization Methods in Computer Vision and Pattern Recognition (EMMCVPR 2005), 9 - 11 November 2005
- XLVI. **Üç Boyutlu Katı Nesnelerin Yansıtma Özelliklerinin Görüntülerden Çıkarılması**
ERDEM M. E., ERDEM İ. A., Yılmaz U. G., ATALAY M. V.
12. IEEE Sinyal İşleme ve İletişim Uygulamaları Kurultayı (SİU 2004), Turkey, 28 - 30 April 2004
- XLVII. **Computer vision based unistroke keyboard system and mouse for the handicapped**
ERDEM M. E., ERDEM İ. A., ATALAY M. V., ÇETİN A. E.
IEEE International Conference on Multimedia and Expo. (ICME 2003), Baltimore, MD, USA, 6 - 09 July 2003
- XLVIII. **Engelliler İçin Bilgisayarlı Görmeye Dayalı Klavye ve Fare Sistemi**
ERDEM İ. A., ERDEM M. E., ATALAY M. V., ÇETİN A. E.
11. IEEE Sinyal İşleme ve İletişim Uygulamaları Kurultayı (SİU 2003), Turkey, 18 - 20 June 2003
- XLIX. **Computer Vision Based Unistroke Keyboards**
ERDEM İ. A., ERDEM M. E., ATALAY M. V., ÇETİN A. E.
7th International Symposium On Computer and Information Sciences (ISCIS 2002), 28 - 30 October 2002
- L. **Kağıt Klavye Bilgisayarlı Görmeye Dayalı Klavye**
ERDEM İ. A., ERDEM M. E., ATALAY M. V., ÇETİN A. E.
10. IEEE Sinyal İşleme ve İletişim Uygulamaları Kurultayı (SİU 2002), Turkey, 12 - 14 June 2002
- LI. **Bilgisayarlı Görmeye Dayalı Fare Sistemi**
ERDEM İ. A., ERDEM M. E., ATALAY M. V., ÇETİN A. E.
10. IEEE Sinyal İşleme ve İletişim Uygulamaları Kurultayı (SİU 2002), Turkey, 12 - 14 June 2002

Supported Projects

ERDEM M. E., İKİZLER CİNBİŞ N., ERDEM İ. A., DUYGULU ŞAHİN P., TUBİTAK Project, Büyük Görsel Verinin

Yorumlanmasına Yönelik Özetleme Yaklaşımları, 2017 - Continues

ÇELİKCAN U., İKİZLER CİNBİŞ N., ÖZSOY A., EFE M. Ö., GÜRÇAY H., ERDEM İ. A., DUYGULU ŞAHİN P., Project Supported by Higher Education Institutions, Bilgisayar Mühendisliği Yüksek Başarımlı Hesaplama Eğitim ve Araştırma Laboratuvarı, 2017 - 2020

İKİZLER CİNBİŞ N., DUYGULU ŞAHİN P., ERDEM İ. A., ERDEM M. E., Project Supported by Higher Education Institutions, Bozkırda Yapay Öğrenme Yaz Okulu 2017 Bilgisayarlı Görü ve Robotik, 2017 - 2018

ERDEM İ. A., ERDEM M. E., Project Supported by Higher Education Institutions, ICCV 2017 Etkinliğine Katılım Desteği, 2017 - 2017

ERDEM İ. A., TUBITAK Project, TÜBİTAK 113E497 Videolardaki İlginçliklerin Bulunmasına Yönelik Birleşik Bir Sistem, 2014 - 2017

ERDEM İ. A., Project Supported by Higher Education Institutions, NIPS 2016 Konferansına Katılım Desteği, 2016 - 2016

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