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International Researcher IDs

ScholarID: yHIqmI0AAAAJ

ORCID: 0000-0002-3607-4058

Publons / Web Of Science ResearcherID: B-9268-2016

ScopusID: 16229698200

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Education Information

Post Doctorate, Universite Lille 1, Lifl Cnrs Umr 8022, Computer Science, France 2008 - 2011

Doctorate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği, Turkey 2002 - 2008

Postgraduate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği, Turkey 2000 - 2002

Undergraduate, Dokuz Eylul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey 1995 - 2000

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Multimodal Emotion Recognition in Video, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Computer Engineering, 2008

Postgraduate, Automatic Video Indexing and Retrieval with Skin Color Based Face Detection Method, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği, 2002

Research Areas

Computer Sciences, Computer Vision, Computer Vision, Artificial Intelligence, Computer Learning and Pattern Recognition, Computer Learning, Fuzzy Sets and Systems, Text/Document Processing, Pattern Recognition and Image Processing, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Akdeniz University, Faculty of Engineering, Department of Computer Engineering, 2015 - Continues

Other, Université des Sciences Technologies de Lille, Lifl, Computer Science, 2012 - 2014

Other, Université d'Angers, Lisa, Computer Science, 2011 - 2012

Other, Université des Sciences Technologies de Lille, Cnrs Umr 8022, Computer Science, 2008 - 2011
Research Assistant PhD, Dokuz Eylul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2008 - 2009
Research Assistant, Dokuz Eylul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2000 - 2008

Academic and Administrative Experience

Deputy Head of Department, Akdeniz University, Faculty Of Engineering, Department of Computer Engineering, 2015 -
Continues

Courses

Parallel Computing, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
Computer Organization, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018,
2016 - 2017
Distributed and Parallel Computing, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
Fundamentals of Operating Systems, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019,
2017 - 2018
Operating Systems, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 -
2017
Digital Design, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 -
2017
Basic Computer and Algorithm, Undergraduate, 2021 - 2022
File Organization and Processing, Undergraduate, 2020 - 2021, 2019 - 2020
Introduction to Computer Science, Undergraduate, 2020 - 2021, 2019 - 2020
Computer Programming, Undergraduate, 2018 - 2019, 2017 - 2018
Basic Computer and Algorithm, Undergraduate, 2016 - 2017, 2015 - 2016
Machine Learning, Postgraduate, 2015 - 2016
Bulanık Fonksiyonlar Teorisi ve Uygulamaları I, Doctorate, 2015 - 2016

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The detection of cervical neoplasia via optical imaging: a pilot clinical study**
CANPOLAT M., BİRGE Ö., DANIŞMAN T., ÜNCÜ Y. A., Karacaylı D., BİLGE U., BAKIR M. S., GÖKSU M., KARADAĞ C.,
ŞİMŞEK T.
ARCHIVES OF GYNECOLOGY AND OBSTETRICS, vol.306, no.2, pp.433-441, 2022 (SCI-Expanded)
- II. **Calculations of GDR parameters for deformed nuclei using LogitBoost classifier and artificial neural network**
Üncü Y. A., Danışman T., Özdoğan H.
MODERN PHYSICS LETTERS A, vol.37, no.13, pp.1-17, 2022 (SCI-Expanded)
- III. **Bagging ensemble for deep learning based gender recognition using test-time augmentation on large-scale datasets**
DANIŞMAN T.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.29, no.4, pp.2084-2100, 2021
(SCI-Expanded)
- IV. **In-plane face orientation estimation in still images**
Danisman T., Bilasco I. M.
MULTIMEDIA TOOLS AND APPLICATIONS, vol.75, no.13, pp.7799-7829, 2016 (SCI-Expanded)
- V. **Boosting gender recognition performance with a fuzzy inference system**

Danisman T., Bilasco L. M., Martinet J.

EXPERT SYSTEMS WITH APPLICATIONS, vol.42, no.5, pp.2772-2784, 2015 (SCI-Expanded)

VI. **Intelligent pixels of interest selection with application to facial expression recognition using multilayer perceptron**

Danisman T., Bilasco I. M., Martinet J., Djeraba C.

SIGNAL PROCESSING, vol.93, no.6, pp.1547-1556, 2013 (SCI-Expanded)

Articles Published in Other Journals

- I. **The use of synthetic data to facilitate eye segmentation using deeplabv3+**
ÖZ M., DANIŞMAN T., GÜNAY M., Şanal E. Z., DUMAN Ö., LEDET J. W.
Annals of Emerging Technologies in Computing, vol.5, no.3, 2021 (Scopus)
- II. **Segmentation of Portrait Images Using A Deep Residual Network Architecture**
DANIŞMAN T.
Deu Muhendislik Fakultesi Fen ve Muhendislik, vol.22, no.65, pp.569-580, 2020 (Peer-Reviewed Journal)
- III. **Predicting the location of the uterine cervical os from 2D images with CNN**
DANIŞMAN T., ÜNCÜ Y. A., Karaçaylı D., BİLGE U., BİRGE Ö., BAKIR M. S., GÖKSU M., ŞİMŞEK T., CANPOLAT M.
Journal of Engineering Sciences and Design, vol.8, no.5, pp.52-57, 2020 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Machine Learning Based Cigarette Butt Detection Using YOLO Framework**
Yazıcı H. E., DANIŞMAN T.
in: Engineering Cyber-Physical Systems and Critical Infrastructures, D. Jude Hemanth, Utku Kose, Junzo Watada, Bogdan Patrut, Editor, Springer International Publishing, Cham, pp.651-661, 2023
- II. **Deep Q-Learning for Stock Future Value Prediction**
hazır u., DANIŞMAN T.
in: Trends in Data Engineering Methods for Intelligent Systems, Jude Hemanth, Tuncay Yiğit, Bogdan Patrut, Anastassia Angelopoulou, Editor, Springer International Publishing, pp.350-359, 2021
- III. **Analysing User Visual Implicit Feedback in Enhanced TV Scenarios**
Bilasco I. M., Lablack A., Dahmane A., DANIŞMAN T.
in: Computer Vision - ECCV 2014 Workshops, Lourdes Agapito, Michael M. Bronstein, Carsten Rother, Editor, Springer International Publishing, Zürich, pp.315-324, 2015
- IV. **Emotion Classification of Audio Signals Using Ensemble of Support Vector Machines**
DANIŞMAN T., ALPKOÇAK A.
in: Perception in Multimodal Dialogue Systems, André, Elisabeth and Dybkjær, Laila and Minker, Wolfgang and Neumann, Heiko and Pieraccini, Roberto and Weber, Michael, Editor, Springer Berlin Heidelberg, pp.205-216, 2008
- V. **A Parallel Similarity Search in High Dimensional Metric Space Using M-Tree**
ALPKOÇAK A., DANIŞMAN T., Ulker T.
in: Advanced Environments, Tools, and Applications for Cluster Computing, Grigoras, Dan and Nicolau, Alex and Tournel, Bernard and Folliot, Bertil, Editor, ADVANCED ENVIRONMENTS, TOOLS, AND APPLICATIONS FOR CLUSTER COMPUTING, Mangaia, pp.166-171, 2002

Refereed Congress / Symposium Publications in Proceedings

- I. **Machine Learning Based Cigarette Butt Detection Using Yolo Framework**
Yazıcı H. E., DANIŞMAN T.
International Conference on Artificial Intelligence and Applied Mathematics in Engineering, Antalya, Turkey, 1 - 03

October 2021

- II. **Predicting the location of the Uterine Cervical Os From 2D Images with CNN**
DANIŞMAN T., ÜNCÜ Y. A., Karaçaylı D., BİLGE U., BİRGE Ö., BAKIR M. S., GÖKSU M., ŞİMŞEK T., CANPOLAT M.
International Conference on Artificial Intelligence and Applied Mathematics in Engineering (ICAIAME 2020),
Antalya, Turkey, 9 - 11 October 2020, pp.1
- III. **The Effect Of The Synthetic Data On The Eye Segmentation Using Deeplabv3+**
ÖZ M., DANIŞMAN T., Şanal E. Z. G., GÜNAY M., DUMAN Ö.
International Conference on Artificial Intelligence and Applied Mathematics in Engineering, Antalya, Turkey, 9 - 11
October 2020, pp.1
- IV. **Deep Q-Learning For Stock Future Value Prediction**
Hazır U., DANIŞMAN T.
International Conference on Artificial Intelligence and Applied Mathematics in Engineering, Antalya, Turkey, 9 - 11
October 2020, pp.1
- V. **Detection of Cervical Neoplastic Changes Using Telecentric Imaging**
ÜNCÜ Y. A., DANIŞMAN T., BİRGE Ö., BAKIR M., GÖKSU M., ŞİMŞEK T., CANPOLAT M.
2. International Conference on Technology and Science, Burdur, Turkey, 14 - 16 November 2019
- VI. **Head Yaw Estimation using Frontal Face Detector**
Mennesson J., Dahmane A., DANIŞMAN T., Bilasco I. M.
Proceedings of the 11th Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and
Applications, Rome, Italy, 27 - 29 February 2016, vol.4, pp.517-524
- VII. **Automated detection of adenoviral conjunctivitis disease from facial images using machine learning**
GÜNAY M., KUCUKOGLU I., GÖÇERİ E., DANIŞMAN T., ALTURJMAN F.
IEEE 14th International Conference on Machine Learning and Applications, ICMLA 2015, Florida, United States Of
America, 9 - 11 December 2015, pp.1204-1209
- VIII. **Pruning near-duplicate images for mobile landmark identification: a graph theoretical approach**
DANIŞMAN T., Martinet J., Bilasco I. M.
2015 13th International Workshop on Content-Based Multimedia Indexing (CBMI), Prague, Czech Republic, 10 - 12
June 2015
- IX. **Analysing user visual implicit feedback in enhanced TV scenarios**
Bilasco I. M., Lablack A., Dahmane A., DANIŞMAN T.
13th European Conference on Computer Vision, ECCV 2014, Zürich, Switzerland, 6 - 12 September 2014, vol.8925,
pp.315-324
- X. **Data analysis of TV Shows viewers**
Bilasco I. M., Lablack A., DANIŞMAN T.
EmpaTex-ACM TVX Workshop 2014, Newcastle upon Tyne, England, 25 - 27 June 2014
- XI. **Cross-database evaluation of normalized raw pixels for gender recognition under unconstrained
settings**
Danisman T., Bilasco I. M., Djeraba C.
22nd International Conference on Pattern Recognition (ICPR), Stockholm, Sweden, 24 - 28 August 2014, pp.3144-
3149
- XII. **A Local Approach for Negative Emotion Detection**
Lablack A., Danisman T., Bilasco I. M., Djeraba C.
22nd International Conference on Pattern Recognition (ICPR), Stockholm, Sweden, 24 - 28 August 2014, pp.417-
420
- XIII. **Construction de masques faciaux pour ameliorer la reconnaissance d'expressions**
DANIŞMAN T., BILASCO I. M., MARTINET J., DJERABA C.
Compression et REpresentation des Signaux Audiovisuels, Lille, France, 24 - 25 May 2012, pp.1-4
- XIV. **USING ASSOCIATION RULES AND SPATIAL WEIGHTING FOR AN EFFECTIVE CONTENT BASED IMAGE
RETRIEVAL**
El Sayad I., Martinet J., Urruty T., DANIŞMAN T., Sharif M. H., Djeraba C.
Proceedings of the International Conference on Computer Vision Theory and Applications, Angers, France, France,

17 - 21 May 2010, pp.112-117

- XV. **AUTOMATIC FACIAL FEATURE DETECTION FOR FACIAL EXPRESSION RECOGNITION**
DANIŞMAN T., BILASCO M., IHADDADENE N., DJERABA C.
Proceedings of the International Conference on Computer Vision Theory and Applications, Angers, France, France, 17 - 21 May 2010, pp.407-412
- XVI. **Multimedia metadata mapping: towards helping developers in their integration task**
Amir S., BILASCO I. M., DANIŞMAN T., Elsayad I., DJERABA C.
8th International Conference on Advances in Mobile Computing and Multimedia, Paris, France, 8 - 10 November 2010, pp.205-2012
- XVII. **Drowsy driver detection system using eye blink patterns**
DANIŞMAN T., Ioan Marius B., Djeraba C., Nacim I.
2010 International Conference on Machine and Web Intelligence, Algiers, Algeria, Algeria, 3 - 05 October 2010, pp.230-233
- XVIII. **Semi-Automatic Multimedia Metadata Integration**
Amir S., BILASCO I. M., DANIŞMAN T., Urruty T., DJERABA C.
EKAW 2010 - Knowledge Engineering and Knowledge Management by the Masses, Lisbon, Portugal, 11 - 15 October 2010, vol.674, pp.1-2
- XIX. **Schema matching for integrating multimedia metadata**
Amir S., Bilasco I. M., DANIŞMAN T., Urruty T., Elsayad I., Djeraba C.
2010 International Conference on Machine and Web Intelligence, Algiers, Algeria, Algeria, 3 - 05 October 2010, pp.234-239
- XX. **Feeler Emotion Classification of Text Using Vector Space Model**
DANIŞMAN T., ALPKOÇAK A.
AISB 2008 Convention Communication, Interaction and Social Intelligence, Aberdeen, United Kingdom, 1 - 04 April 2008, vol.2, pp.53-59
- XXI. **Emotion classification of audio signals using ensemble of support vector machines**
Danisman T., ALPKOÇAK A.
4th IEEE Tutorial and Research Workshop on Perception and Interactive Technologies for Speech-Based Systems, Kloster Irsee, Germany, 16 - 18 June 2008, vol.5078, pp.205-216
- XXII. **Speech vs nonspeech segmentation of audio signals using support vector machines**
Danisman T., ALPKOÇAK A.
IEEE 15th Signal Processing and Communications Applications Conference, Eskişehir, Turkey, 11 - 13 June 2007, pp.854-857
- XXIII. **Dokuz Eylül University video shot boundary detection at TRECVID 2006**
DANIŞMAN T., ALPKOÇAK A.
TREC Video Retrieval Evaluation: TRECVID 2006, United States Of America, 30 December 2006
- XXIV. **Recognition of facial emotional expression in images**
Danisman T., ALPKOÇAK A.
IEEE 14th Signal Processing and Communications Applications, Antalya, Turkey, 16 - 19 April 2006, pp.670-671
- XXV. **PAMIR: Parallel Multimedia Information Retrieval System**
ALPKOÇAK A., Ülker T., DANIŞMAN T.
Multimedia Information Systems, Capri, Italy, 7 - 09 November 2001, pp.99-112
- XXVI. **PAMIR: Internette Resim Arama Motoru**
ALPKOÇAK A., DANIŞMAN T.
TBD 17. Ulusal Bilişim Kurultayı, İstanbul, Turkey, 3 - 07 September 2000, pp.1-4

Supported Projects

ÇETİNKAYA Ç., DANIŞMAN T., AKSOY A., ÇAL Ü. T., çetinkaya ç., DEMİRKAYA H., Project Supported by Higher Education Institutions, Üstün Yetenekli Öğrencilere Farklaştırılmış Sosyal Bilgiler Eğitiminin Sözel Yaratıcılıklarına Etkisi, 2020 -

2021

DUMAN Ö., ÖZ M., GÜNAY M., DANIŞMAN T., GÜZEY E. Z., SARAÇOĞLU M., Project Supported by Higher Education Institutions, Epileptik nöbet anında göz bulgularının görüntü ve sinyal işleme teknikleri kullanarak tespiti, 2018 - 2021
ŞEN M. E., DANIŞMAN T., AK M., Demir M., Beyazal M., Project Supported by Higher Education Institutions, Teknolojik Bir Uygulama İle Osmanlıca Okumayı Geliştirme Projesi, 2015 - 2017

Metrics

Publication: 40

Citation (WoS): 54

Citation (Scopus): 353

H-Index (WoS): 6

H-Index (Scopus): 8