



TANER DANİŞMAN

ASSOC. PROF.

Email : tdanisman@akdeniz.edu.tr

Office Phone : [+90 242 227 4400](tel:+902422274400) Extension: 4392

International Researcher IDs

ScholarID: yHlqmI0AAAAJ

ORCID: 0000-0002-3607-4058

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

ScopusID: 16229698200

Yoksis Researcher ID: 232870

Education

Post Doctorate
2008 - 2011

Universite Lille 1, Lifl Cnrs Umr 8022, Computer Science, France

Doctorate
2002 - 2008

Dokuz Eylul University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği, Turkey

Postgraduate
2000 - 2002

Dokuz Eylul University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği, Turkey

Undergraduate
1995 - 2000

Dokuz Eylul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey

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

Academic Positions

Assistant Professor

2015 - Continues

Akdeniz University, Faculty of Engineering, Department of Computer Engineering

Other

2012 - 2014

Université des Sciences Technologies de Lille, Lifl, Computer Science

Other

2011 - 2012

Université d'Angers, Lisa, Computer Science

Other

2008 - 2011

Université des Sciences Technologies de Lille, Cnrs Umr 8022, Computer Science

Research Assistant PhD

2008 - 2009

Dokuz Eylul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği

Research Assistant

2000 - 2008

Dokuz Eylul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği

Funded Projects

1. DANIŞMAN T., TÜRK E., Project Supported by Higher Education Institutions, Panoramic Video Panoptic Segmentation for Enhanced Perception in Autonomous Driving, 2024 - Continues
2. ÇETINKAYA Ç., DANIŞMAN T., AKSOY A., ÇAL Ü. T., çetinkaya ç., DEMİRKAYA H., Project Supported by Higher Education Institutions, Üstün Yetenekli Öğrencilere Farklılaştırılmış Sosyal Bilgiler Eğitiminin Sözel Yaratıcılıklarına Etkisi, 2020 - 2021
3. DUMAN Ö., ÖZ M., GÜNEY 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
4. Danışman T., Bilge U., Balbaşı Y., Canpolat M., TUBITAK Project, Servikal Neoplazilerin Tespitinde Telesentrik Hiperspektral Görüntüleme, 2017 - 2020
5. ŞEN M. E., DANIŞMAN T., AK M., Demir M., Beyazal M., Project Supported by Higher Education Institutions, Teknolojik Bir Uygulama İle Osmanlica Okumayı Geliştirme Projesi, 2015 - 2017

Journal articles indexed in SCI, SSCI, and AHCI

1. Predicting (n,3n) nuclear reaction cross-sections using XGBoost and Leave-One-Out Cross-Validation
Ali Üncü Y., DANIŞMAN T., Özdoğan H.
Applied Radiation and Isotopes, vol.219, 2025 (SCI-Expanded)
2. The detection of cervical neoplasia via optical imaging: a pilot clinical study
CANPOLAT M., BİRGE Ö., DANIŞMAN T., ÜNCÜ Y. A., Karacayli 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)
3. 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)

4. 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)

5. 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)

6. 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)

7. 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

1. The use of synthetic data to facilitate eye segmentation using deeplabv3+

ÖZ M., DANIŞMAN T., GÜNEY M., Şanal E. Z., DUMAN Ö., LEDET J. W.

Annals of Emerging Technologies in Computing, vol.5, no.3, 2021 (Scopus)

2. 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)

3. 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

1. 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

2. 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

3. 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

4. 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

5. 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 Toursel, Bernard and Folliot, Bertil, Editor, ADVANCED ENVIRONMENTS, TOOLS, AND APPLICATIONS FOR CLUSTER COMPUTING, Mangaia, pp.166-171, 2002

Papers Presented at Peer-Reviewed Scientific Conferences

1. **Primer Sjögren sendromunun tanımlanmasında yapay zeka yönteminin etkinliği**
ÜNAL M., ÖĞÜT T. S., ERBASAN F., TÜRK E., TERZİOĞLU M. E., DANIŞMAN T., YAZISIZ V.
XXIV. Ulusal Romatoloji Kongresi, Antalya, Turkey, 26 - 30 October 2024, (Summary Text)
2. **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
3. **The Effect Of The Synthetic Data On The Eye Segmentation Using Deeplabv3+**
ÖZ M., DANIŞMAN T., Şanal E. Z. G., GÜNEY M., DUMAN Ö.
International Conference on Artificial Intelligence and Applied Mathematics in Engineering, Antalya, Turkey, 9 - 11 October 2020, pp.1, (Full Text)
4. **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, (Full Text)
5. **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, (Full Text)
6. **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, (Summary Text)
7. **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
8. **Automated detection of adenoviral conjunctivitis disease from facial images using machine learning**
GÜNEY 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, (Full Text)
9. **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
10. **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, (Full Text)
11. **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
12. **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
13. **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
14. **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
15. **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
16. **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
17. **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
18. **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
19. **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
20. **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, (Full Text)
21. **Feeler Emotion Classification of Text Using Vector Space Model**
DANIŞMAN T., ALPKOÇAK A.
AISB 2008 ConventionCommunication, Interaction and Social Intelligence, Aberdeen, United Kingdom, 1 - 04 April 2008, vol.2, pp.53-59, (Full Text)
22. **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, (Full Text)
23. **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, (Full Text)
24. **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
25. **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
26. **PAMIR: Parallel Multimedia Information Retrieval System**
 ALPKOÇAK A., Ülker T., DANIŞMAN T.
 Multimedia Information Systems, Capri, Italy, 7 - 09 November 2001, pp.99-112, (Full Text)
27. **PAMIR: Internette Resim Arama Motoru**
 ALPKOÇAK A., DANIŞMAN T.
 TBD 17. Ulusal Bilişim Kurultayı, İstanbul, Turkey, 3 - 07 September 2000, pp.1-4

Academic and Administrative Experience

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

Doctorate

Bulanık Fonksiyonlar Teorisi ve Uygulamaları I, Doctorate, 2015 - 2016

Postgraduate

EKN5320 VERİ MADENCİLİĞİ, Postgraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023

CSE5021 OPERATING SYSTEMS, Postgraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022

Distributed and Parallel Computing, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Operating Systems, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Machine Learning, Postgraduate, 2015 - 2016

Undergraduate

CSE 328 Internet of Things, Undergraduate, 2024 - 2025, 2023 - 2024

CSE491 Senior Design Project I, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023

AIE 105 Introduction to Artificial Intelligence and Data Engineering, Undergraduate, 2024 - 2025

CSE303 Fundamentals of Operating Systems, Undergraduate, 2024 - 2025, 2023 - 2024

CSE105 Introduction to Computer Science, Undergraduate, 2024 - 2025

CSE211 Digital Design, Undergraduate, 2024 - 2025, 2023 - 2024

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

Fundamentals of Operating Systems, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

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

Supervised Theses

Danışman T., Detection of cancerous brain cells with machine learning, Postgraduate, U.CANKAT(Student), 2024

Danışman T., Machine learning based cigarette butt detection using yolo framework, Postgraduate, H.ENDER(Student),

2022

Danışman T., Reinforcement learning for stock markets, Postgraduate, U.HAZIR(Student), 2021
Danışman T., Eye segmentation using deep neural networks, Postgraduate, M.ÖZ(Student), 2021

Metrics

Publication: 42
Citation (WoS): 54
Citation (Scopus): 354
H-Index (WoS): 6
H-Index (Scopus): 8

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