

# Prof. UĞUR HALICI

## Personal Information

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## International Researcher IDs

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## Education Information

Doctorate, Middle East Technical University, Faculty of Engineering, Elektrik-Elektronik Mühendisliği Bölümü, Turkey  
1983 - 1989

Postgraduate, Middle East Technical University, Faculty of Engineering, Elektrik-Elektronik Mühendisliği Bölümü, Turkey  
1980 - 1983

Undergraduate, Middle East Technical University, Faculty of Engineering, Elektrik-Elektronik Mühendisliği Bölümü,  
Turkey 1975 - 1980

## Foreign Languages

English, C1 Advanced

## Dissertations

Doctorate, Contributions to the theory of database concurrency control, Middle East Technical University, Faculty of  
Engineering, Elektrik-Elektronik Mühendisliği Bölümü, 1988

Postgraduate, An Algorithm for Test Set Generation of Combinational Circuits, Middle East Technical University, Faculty  
of Engineering, Elektrik-Elektronik Mühendisliği Bölümü, 1983

## Research Areas

Computer Vision, Artificial Intelligence, Computer Learning and Pattern Recognition, Biosignal Processing

## Academic Titles / Tasks

Professor, Middle East Technical University, Faculty of Engineering, Department of Electrical and Electronics  
Engineering, 1996 - Continues

Associate Professor, Middle East Technical University, Faculty of Engineering, Department of Electrical and Electronics  
Engineering, 1991 - 1996

Assistant Professor, Middle East Technical University, Faculty of Engineering, Department of Electrical and Electronics

Engineering, 1988 - 1991

Lecturer, Middle East Technical University, Faculty of Engineering, Department of Electrical and Electronics Engineering, 1987 - 1988

Research Assistant, Middle East Technical University, Faculty of Engineering, Department of Electrical and Electronics Engineering, 1980 - 1987

## Academic and Administrative Experience

Middle East Technical University, Graduate School of Natural and Applied Sciences, Nörobilim Ve Nöroteknoloji (Dr) (Hacettepe Üniv. Ortak), 2014 - Continues

Middle East Technical University, Faculty of Engineering, Elektrik-Elektronik Mühendisliği Bölümü, 2004 - 2005

## Advising Theses

HALICI U., Self-training for unsupervised domain adaptation, Doctorate, İ.BATUHAN(Student), 2022

HALICI U., Improvements on one-stage object detection by visual reasoning, Postgraduate, T.AKSOY(Student), 2022

HALICI U., Semi-supervised iterative teacher-student learning for monocular depth estimation, Postgraduate, C.BARIŞKAN(Student), 2021

HALICI U., A Multi-camera system for automation of mouse grimace scaling using convolutional neural networks, Postgraduate, A.Ağca(Student), 2019

HALICI U., Attentive deep regression networks for real-time visual face tracking in video surveillance, Postgraduate, S.Alver(Student), 2019

HALICI U., SERİNAĞAOĞLU DOĞRUSÖZ Y., Classification of lung nodules in CT images using convolutional neural networks, Postgraduate, G.POLAT(Student), 2018

HALICI U., Motor imagery EEG signal classification using deep learning for brain computer interfaces, Doctorate, Y.REZAEI(Student), 2017

HALICI U., Deep learning approach for laboratory mice grimace scaling, Postgraduate, M.ERAL(Student), 2016

HALICI U., Disease signature extraction for obsessive compulsive disorder using effective connectivity analysis based on dynamic causal modelling, Postgraduate, A.Yüksel(Student), 2016

HALICI U., Human behavior understanding using video analysis, Doctorate, C.ONUR(Student), 2016

HALICI U., Metastasis detection and localization in lymph nodes by using convolutional neural networks, Postgraduate, M.ÜMİT(Student), 2016

HALICI U., Metastasis detection and localization in lymph nodes by using convolutional neural networks, Postgraduate, M.Ümit(Student), 2016

HALICI U., Mouse face tracking using convolutional neural networks, Postgraduate, İ.BATUHAN(Student), 2016

HALICI U., Performance evaluation of saliency map methods on remotely sensed RGB images, Postgraduate, S.SÖNMEZ(Student), 2016

HALICI U., Handwritten digit string segmentation and recognition using deep learning, Postgraduate, O.ELİTEZ(Student), 2015

HALICI U., Human behavior understanding through 3d data, Postgraduate, E.AKDAĞ(Student), 2015

HALICI U., Computational aesthetics using machine learning for video game camera direction, Postgraduate, A.NACI(Student), 2015

HALICI U., GÜRSES S., Investigation of ground reaction force distribution beneath the foot in postural control, Postgraduate, R.AKBARIFAR(Student), 2014

HALICI U., Training inverse BRDF with incomplete data for 3D reconstruction through photometric stereo /, Postgraduate, S.KİLECİ(Student), 2014

HALICI U., A shadow based trainable method for building detection in satellite images, Doctorate, M.DİKMEN(Student), 2014

HALICI U., Detection of obsessive compulsive disorder using resting-state functional connectivity data, Postgraduate,

S.KHANEH(Student), 2013

HALICI U., Analyzing effective connectivity of brain using FMRI data: DCM and PPI, Postgraduate, S.MOJTAHEDI(Student), 2013

HALICI U., FPGA implementation of real time digital video superresolution for infrared cameras, Postgraduate, M.AKTUKMAK(Student), 2013

HALICI U., Markov random field based road network extraction from high resolution satellite images, Postgraduate, M.ÖZTÜRK(Student), 2013

HALICI U., 3D object recognition from range images, Postgraduate, F.İZCİLER(Student), 2012

HALICI U., Road detection by mean shift segmentation and structural analysis, Postgraduate, M.DURŞUN(Student), 2012

HALICI U., Photometric stereo considering highlights and shadows, Doctorate, S.BÜYÜKATALAY(Student), 2011

HALICI U., 3D face recognition with local shape descriptors, Doctorate, T.İNAN(Student), 2011

ALATAN A. A., HALICI U., Extraction of buildings in satellite images, Postgraduate, M.ÇETİN(Student), 2010

HALICI U., Analysis and classification of spelling paradigm EEG data and an attempt for optimization of channels used, Postgraduate, A.YILDIRIM(Student), 2010

HALICI U., Detection of airport runways in optical satellite images, Postgraduate, U.ZÖNGÜR(Student), 2009

HALICI U., Doppler radar data processing and classification, Postgraduate, A.AYGAR(Student), 2008

HALICI U., Building detection from satellite images using shadow and color information, Postgraduate, H.VOLKAN(Student), 2008

HALICI U., Video stabilization: Digital and mechanical approaches, Postgraduate, S.BAYRAK(Student), 2008

HALICI U., 3d face representation and recognition using spherical harmonics, Doctorate, F.TUNÇER(Student), 2008

HALICI U., 2D/3D imaging simulator, Postgraduate, N.BOZKURT(Student), 2008

HALICI U., Effect of shadow in building detection and building boundary extraction, Postgraduate, A.YALÇIN(Student), 2008

HALICI U., 3D face reconstruction using stereo images and structured light, Postgraduate, A.ÖĞÜZ(Student), 2007

HALICI U., Texture mapping by multi-image blending for 3D face models, Postgraduate, H.BAYAR(Student), 2007

HALICI U., 3D face recognition, Postgraduate, B.ÜSTÜN(Student), 2007

HALICI U., 3D face reconstruction using stereo vision, Postgraduate, M.DİKMEN(Student), 2006

HALICI U., 3D animation for hand preshaping, Postgraduate, M.SONER(Student), 2006

HALICI U., Vision based obstacle detection and avoidance using low level image features, Postgraduate, T.SENLET(Student), 2006

HALICI U., 3D hand tracking in video sequences, Postgraduate, A.TOKATLI(Student), 2005

HALICI U., Real-time detection and tracking of human eyes in video sequences, Postgraduate, Z.SAVAŞ(Student), 2005

HALICI U., Real-time detection and tracking of human eyes in video sequences, Postgraduate, Z.Savaş(Student), 2005

HALICI U., 3D marker tracking for human gait analysis, Postgraduate, C.KÜÇÜK(Student), 2005

HALICI U., Simulation of Turkish lip motion and facial expressions in A 3D environment and synchronization with a Turkish speech engine, Postgraduate, E.AKAGÜNDÜZ(Student), 2004

HALICI U., Vision-based robot localization using artificial and natural landmarks, Postgraduate, Z.ARICAN(Student), 2004

HALICI U., A comparison of subspace based face recognition methods, Postgraduate, Ö.GÖNDER(Student), 2004

HALICI U., 3D face model generation, Postgraduate, S.BÜYÜKATALAY(Student), 2004

HALICI U., Simulation of Turkish lip motion and facial expressions in a 3D environment and synchronization with a Turkish speech engine, Postgraduate, E.Akagündüz(Student), 2004

HALICI U., Feature extraction of honeybee forewings and hindlegs using image processing and active contours, Postgraduate, A.GÖNÜLŞEN(Student), 2004

HALICI U., A comparison of subspace based face recognition methods, Postgraduate, Ö.Gönder(Student), 2004

HALICI U., Manual and auto calibration of stereo camera systems, Postgraduate, M.ÖZUYSAL(Student), 2004

HALICI U., Face detection in active robot vision, Postgraduate, M.ÖNDER(Student), 2004

LEBLEBİCİOĞLU M. K., HALICI U., Active stereo vision: Depth perception for navigation, environmental map formation and object recognition, Doctorate, İ.ULUSOY(Student), 2003

HALICI U., Facial feature extraction using deformable templates, Postgraduate, H.SERÇE(Student), 2003

HALICI U., Automated detection of sleep spindles, Postgraduate, D.GÖRÜR(Student), 2003

HALICI U., Doppler radar target recognition by neural networks, Doctorate, A.ERDOĞAN(Student), 2002

HALICI U, Image synthesis for depth estimation using stereo and focus analysis, Postgraduate, F.TUNÇER(Student), 2002

HALICI U, Image sythesis for depth estimation using stereo and focus analysis., Postgraduate, F.Tunçer(Student), 2002

HALICI U, ATALAY M. V., 3 D reconstruction of rigid objects from multiple calibrated views, Doctorate, A.YAŞAR(Student), 2002

HALICI U, Automatic fingerprint recognition, Doctorate, A.Erol(Student), 2001

HALICI U, Automatic fingerprint recognition, Doctorate, A.EROL(Student), 2001

LEBLEBİCİOĞLU M. K., HALICI U, An Automated differential blood count system, Doctorate, G.ONGUN(Student), 2001

HALICI U, Developing a feature-based edge detector using artificial neural networks, Postgraduate, G.BURÇ(Student), 2001

HALICI U, A Tool for analysis of visual evoked potentials for interhemispheric transfer, Postgraduate, İ.ANAÇ(Student), 2001

HALICI U, Direct surface reconstruction from multiple views by surface growing, Doctorate, U.MURAT(Student), 2001

HALICI U., Classification of fingerprints, Postgraduate, B.SUSMAZ(Student), 2000

HALICI U, Java based tools for an online neural networks course, Postgraduate, S.KEKEÇ(Student), 2000

HALICI U, ÖZGEN C., Control of an industrial multi component high purity distillation column with a model predictive controller, Postgraduate, M.KAYA(Student), 2000

HALICI U, Segmentation of targets in SAR (synthetic aperture radar) images, Postgraduate, U.AKINCI(Student), 2000

HALICI U, Segmentation of targets in sar images, Postgraduate, U.Akncı(Student), 2000

HALICI U, A New morphological approach for texture segmentation, Postgraduate, K.UÇARKAYA(Student), 1999

HALICI U, A new morphologogical approach for texture segmentation, Postgraduate, K.Uçarkaya(Student), 1999

HALICI U, Distance education on internet: A Java based image processing coure in METU, Postgraduate, M.HAKAN(Student), 1999

LEBLEBİCİOĞLU M. K., HALICI U, Fractal image compression techniques, Postgraduate, E.GÜRSES(Student), 1999

HALICI U, Distance education on internet: A java based image processing course in METU, Postgraduate, M.Hakan(Student), 1999

HALICI U, Speckle and clutter elimination in synthetic aperture radar(sar)images., Postgraduate, H.Yeni(Student), 1998

HALICI U, Enhancement and preprocessing techniques for ridge extraction in fingerprint images, Postgraduate, E.ALKAYA(Student), 1998

HALICI U, Speckle and cutter elimination of synthetic aperture radar (sar) images, Postgraduate, H.YENİ(Student), 1998

ÖZGEN C., HALICI U, An adaptive non-linear model predictive controller using a neural network, Postgraduate, Ö.Karahan(Student), 1997

HALICI U, An İmage processing toolbox, Postgraduate, A.AKMAN(Student), 1997

HALICI U, A feature based stereo correspondence system., Postgraduate, G.Özdemir(Student), 1996

HALICI U, A Feature based stereo correspondence system, Postgraduate, G.ÖZDEMİR(Student), 1996

HALICI U, Character recognition by a neural network based on unsupervised preclassification and pca feature extraction, Postgraduate, A.EROL(Student), 1995

HALICI U, A Comparative analysis of neurochirs, Postgraduate, S.ÇETİNKAYA(Student), 1995

HALICI U, An Automated fingerprint identification system based on self organizing feature maps classifier, Postgraduate, G.ONGUN(Student), 1995

HALICI U, A comparative analysis of neurochips., Postgraduate, S.Çetinkaya(Student), 1995

HALICI U, An Analysis of learning in the recurrent random neural network as autoassociative memory, Postgraduate, A.EMRE(Student), 1995

HALICI U, Fault detection in combinational circuits by neural networks, Postgraduate, M.MURAT(Student), 1994

HALICI U, A text reading system based on an artificial neural network, Postgraduate, T.Bircan(Student), 1993

HALICI U, A Text reading system based on an artificial neural network, Postgraduate, T.BİRCAN(Student), 1993

HALICI U, Application of artificial neural networks in cryptology., Postgraduate, H.TANRIVERDİ(Student), 1993

HALICI U, A Comparison of the performances of neural optimizers throght a design for playing Tic-Tac-Toe, Postgraduate, M.SUNGUR(Student), 1992

HALICI U, Design of a Boltzmann machine for the hypercube embedding problem, Postgraduate, Ö.TUNALI(Student), 1991

HALICI U, User identification through neural network algorithms, Postgraduate, D.ÜNLÜ(Student), 1991

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Mouse face tracking using convolutional neural networks**  
Akkaya I. B., HALICI U.  
IET COMPUTER VISION, vol.12, no.2, pp.153-161, 2018 (SCI-Expanded)
- II. **Diagnostic assessment of deep learning algorithms for detection of lymph node metastases in women with breast cancer**  
Bejnordi B. E., VETA M., van Diest P. J., van Ginneken B., KARSSMEIJER N., LITJENS G., van der Laak J. A. W. M.  
JAMA - Journal of the American Medical Association, vol.318, no.22, pp.2199-2210, 2017 (SCI-Expanded)
- III. **Brain Computer Interfaces for Silent Speech**  
TABAR Y. R., HALICI U.  
EUROPEAN REVIEW, vol.25, no.2, pp.208-230, 2017 (SSCI)
- IV. **A novel deep learning approach for classification of EEG motor imagery signals**  
TABAR Y. R., HALICI U.  
JOURNAL OF NEURAL ENGINEERING, vol.14, no.1, 2017 (SCI-Expanded)
- V. **Efficient Airport Detection Using Line Segment Detector and Fisher Vector Representation**  
Budak U., HALICI U., Sengur A., Karabatak M., Xiao Y.  
IEEE GEOSCIENCE AND REMOTE SENSING LETTERS, vol.13, no.8, pp.1079-1083, 2016 (SCI-Expanded)
- VI. **Applying Computational Aesthetics to a Video Game Application Using Machine Learning**  
ERDEM A. N., HALICI U.  
IEEE COMPUTER GRAPHICS AND APPLICATIONS, vol.36, no.4, pp.23-33, 2016 (SCI-Expanded)
- VII. **A Learning-Based Resegmentation Method for Extraction of Buildings in Satellite Images**  
Dikmen M., HALICI U.  
IEEE GEOSCIENCE AND REMOTE SENSING LETTERS, vol.11, no.12, pp.2150-2153, 2014 (SCI-Expanded)
- VIII. **Texture-Based Airport Runway Detection**  
Aytekin O., Zongur U., HALICI U.  
IEEE GEOSCIENCE AND REMOTE SENSING LETTERS, vol.10, no.3, pp.471-475, 2013 (SCI-Expanded)
- IX. **3-D Face Recognition With Local Shape Descriptors**  
Inan T., HALICI U.  
IEEE TRANSACTIONS ON INFORMATION FORENSICS AND SECURITY, vol.7, no.2, pp.577-587, 2012 (SCI-Expanded)
- X. **A Cascadable Random Neural Network Chip with Reconfigurable Topology**  
Badaroglu M., HALICI U., Aybay I., Cerkez C.  
COMPUTER JOURNAL, vol.53, no.3, pp.289-303, 2010 (SCI-Expanded)
- XI. **Artificial neural network estimator design for the inferential model predictive control of an industrial distillation column**  
Bahar A., Ozgen C., Leblebicioglu K., Halici U.  
INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, vol.43, no.19, pp.6102-6111, 2004 (SCI-Expanded)
- XII. **Time-frequency analysis of visual evoked potentials for interhemispheric transfer time and proportion in callosal fibers of different diameters**  
ULUSOY PARNAS İ., HALICI U., NALÇACI E., ANAÇ İ., LEBLEBİCİOĞLU M. K., EROĞLU C.  
BIOLOGICAL CYBERNETICS, vol.90, no.4, pp.291-301, 2004 (SCI-Expanded)
- XIII. **Multi-agent system-based fuzzy controller design with genetic tuning for a mobile manipulator robot in the hand over task**  
Erden M., Leblebicioglu K., Halici U.  
JOURNAL OF INTELLIGENT & ROBOTIC SYSTEMS, vol.39, no.3, pp.287-306, 2004 (SCI-Expanded)
- XIV. **Application of genetic algorithms to geometry optimization of microclusters: A comparative study of empirical potential energy functions for silicon**  
Erkoc S., Leblebicioglu K., Halici U.  
MATERIALS AND MANUFACTURING PROCESSES, vol.18, no.3, pp.329-339, 2003 (SCI-Expanded)
- XV. **Reinforcement learning with internal expectation in the random neural networks for cascaded decisions**

- Halici U.  
BioSystems, vol.63, pp.21-34, 2001 (SCI-Expanded)
- XVI. **Infinite dimensional Hopfield neural networks**  
Lelebicioglu K., Halici U., Celebi O.  
NONLINEAR ANALYSIS-THEORY METHODS & APPLICATIONS, vol.47, no.9, pp.5807-5813, 2001 (SCI-Expanded)
- XVII. **Reinforcement learning with internal expectation for the random neural network**  
HALICI U.  
European Journal Of Operational Research, vol.126, pp.288-307, 2000 (SCI-Expanded)
- XVIII. **A neural optimizer for hypercube embedding**  
Halici U., Tunali O.  
NONLINEAR ANALYSIS-THEORY METHODS & APPLICATIONS, vol.36, no.6, pp.785-797, 1999 (SCI-Expanded)
- XIX. **Formalization of workflows and correctness issues in the presence of concurrency**  
Arpinar I., Halici U., ARPINAR S., DOGAC A.  
DISTRIBUTED AND PARALLEL DATABASES, vol.7, no.2, pp.199-248, 1999 (SCI-Expanded)
- XX. **Multi-image region growing for integrating disparity maps**  
Leloglu U. M., Halici U.  
COMPUTER ANALYSIS OF IMAGES AND PATTERNS, vol.1689, pp.403-410, 1999 (SCI-Expanded)
- XXI. **Pattern recognition in bistable networks**  
Chinarov V., Halici U., Lelebicioglu K.  
Proceedings of SPIE - The International Society for Optical Engineering, vol.3722, pp.457-463, 1999 (SCI-Expanded)
- XXII. **Infinite dimensional radial basis function neural networks for nonlinear transformations on function spaces**  
Lelebicioglu K., Halici U.  
NONLINEAR ANALYSIS-THEORY METHODS & APPLICATIONS, vol.30, no.3, pp.1649-1654, 1997 (SCI-Expanded)
- XXIII. **Reinforcement learning in random neural networks for cascaded decisions**  
HALICI U.  
BioSystems, vol.40, pp.83-91, 1997 (SCI-Expanded)
- XXIV. **Serializability of nested transactions in multidatabases**  
Halici U., Arpinar B., Dogac A.  
DATABASE THEORY - ICDT'97, vol.1186, pp.321-335, 1997 (SCI-Expanded)
- XXV. **Fingerprint classification through self-organizing feature maps modified to treat uncertainties**  
Halici U., ONGUN G.  
PROCEEDINGS OF THE IEEE, vol.84, no.10, pp.1497-1512, 1996 (SCI-Expanded)
- XXVI. **Classification of neural network hardware**  
Aybay I., Cetinkaya S., Halici U.  
Neural Network World, vol.6, no.1, pp.11-27, 1996 (SCI-Expanded)
- XXVII. **Annealing by Boltzmann machine for Soma puzzles**  
HALICI U., Sungur M.  
Neural Network World, vol.5, no.3, pp.317-327, 1995 (SCI-Expanded)
- XXVIII. **AN OPTIMISTIC LOCKING TECHNIQUE FOR CONCURRENCY-CONTROL IN DISTRIBUTED DATABASES**  
HALICI U., DOGAC A.  
IEEE TRANSACTIONS ON SOFTWARE ENGINEERING, vol.17, no.7, pp.712-724, 1991 (SCI-Expanded)
- XXIX. **COMPLETE TEST-GENERATION METHOD FOR ALL STUCK-AT FAULTS IN COMBINATIONAL-CIRCUITS**  
GURAN H., HALICI U.  
INTERNATIONAL JOURNAL OF ELECTRONICS, vol.68, no.5, pp.657-666, 1990 (SCI-Expanded)
- XXX. **CONCURRENCY-CONTROL IN DISTRIBUTED DATABASES THROUGH TIME INTERVALS AND SHORT-TERM LOCKS**  
HALICI U., DOGAC A.  
IEEE TRANSACTIONS ON SOFTWARE ENGINEERING, vol.15, no.8, pp.994-1003, 1989 (SCI-Expanded)
- XXXI. **DISCUSSION ON STUCK-AT FAULTS IN COMBINATIONAL-CIRCUITS**

GURAN H., HALICI U.

INTERNATIONAL JOURNAL OF ELECTRONICS, vol.67, no.1, pp.7-14, 1989 (SCI-Expanded)

XXXII. **A method for concurrency control in distributed DBMSs: Permission Test Method**

HALICI U., Dogac A.

ACM SIGMOD Record, vol.16, no.2, pp.37-50, 1987 (SCI-Expanded)

## Articles Published in Other Journals

- I. **22nd International Symposium on Computer and Information Sciences, ISCIS 2007 - Proceedings: Preface**  
Schmidt E. G., Ulusoy İ., Çiçekli N., Halici U., Atalay V.  
22nd International Symposium on Computer and Information Sciences, ISCIS 2007 - Proceedings, 2007 (Scopus)
- II. **Effect of orientation map accuracy on fingerprint classification using PCA-MSOM**  
Erol A., HALICI U.  
International Conference on Knowledge-Based Intelligent Electronic Systems, Proceedings, KES, vol.2, pp.527-530, 2000 (Scopus)
- III. **METU interoperable database system**  
DOGAC A., HALICI U., KILIC E., ET A.  
ACM SIGMOD Record, vol.24, pp.552, 1996 (Peer-Reviewed Journal)
- IV. **Classification of Neural Network Hardware**  
AYBAY H. I., CETINKAYA S., HALICI U.  
Neural Network World, vol.6, pp.11-27, 1996 (Scopus)

## Books & Book Chapters

- I. **Introduction Fingerprint Recognition**  
EROL A., HALICI U.  
in: Intelligent Biometric Techniques in Fingerprint and Face Recognition, Jain LC, Halici U, Hayashi I, Lee SB, Tsutsui T, Editor, CRC Press, pp.1-34, 1999

## Refereed Congress / Symposium Publications in Proceedings

- I. **IR Reasoner: Real-time Infrared Object Detection by Visual Reasoning**  
Gündoğan M. M., Aksoy T., TEMİZEL A., HALICI U.  
2023 IEEE/CVF Conference on Computer Vision and Pattern Recognition Workshops, CVPRW 2023, Vancouver, Canada, 18 - 22 June 2023, vol.2023-June, pp.422-430
- II. **Self-training Guided Adversarial Domain Adaptation For Thermal Imagery**  
Akkaya I. B., Altinel F., HALICI U.  
IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR), ELECTR NETWORK, 19 - 25 June 2021, pp.4317-4326
- III. **Deep convolutional neural networks for airport detection in remote sensing images**  
Budak U., Sengur A., HALICI U.  
26th IEEE Signal Processing and Communications Applications Conference, SIU 2018, İzmir, Turkey, 2 - 05 May 2018, pp.1-4
- IV. **Effect of input size on the classification of lung nodules using convolutional neural networks Akciğer nodüllerinin evrışimsel sinir ağıları kullanılarak siniflandırılmasında girdi boyutunun etkisi**  
POLAT G., Dogrusoz Y., HALICI U.  
26th IEEE Signal Processing and Communications Applications Conference, SIU 2018, İzmir, Turkey, 2 - 05 May

2018, pp.1-4

- V. **Effect of Input Size on the Classification of Lung Nodules Using Convolutional Neural Networks**  
Polat G., Dogrusoz Y. S., HALICI U.  
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018
- VI. **Ensemble of Convolutional Neural Networks for Classification of Breast Microcalcification from Mammograms**  
SERT E., ERTEKİN Ş., HALICI U.  
39th Annual International Conference of the IEEE-Engineering-in-Medicine-and-Biology-Society (EMBC), South Korea, 11 - 15 July 2017, pp.689-692
- VII. **Assessment of pain in mouse facial images Fare Yüzü Görüntülerinde Agri Derecelendirilmesi**  
Eral M., Aktas C. C., Kocak E. E., DALKARA T., HALICI U.  
20th National Biomedical Engineering Meeting, BIYOMUT 2016, İzmir, Turkey, 3 - 05 December 2016
- VIII. **Uydu Görüntülerinde Havaalanı Tespiti İçin Derin Öğrenme**  
HALICI U., BUDAK Ü., ŞENGÜR A.  
2016 8. Savunma Teknolojileri Kongresi (SAVTEK 16), Ankara, Turkey, 12 October - 14 December 2016
- IX. **Assesment of Pain in Mouse Facial Images**  
ERAL M., ÇAKIR AKTAŞ C., EREN KOÇAK E., DALKARA T., HALICI U.  
2016 XX. Biyomedikal Mühendisliği Ulusal Toplantısı (Uluslararası Katılımlı), İzmir, Turkey, 3 - 05 November 2016, pp.498-501
- X. **Detection of Candidate Airport Regions from Satellite Images**  
ŞENGÜR A., HALICI U., BUDAK U.  
2016 International Conference on Natural Science and Engineering (ICNASE'16), Kilis, Turkey, 19 - 20 March 2016, pp.219-225
- XI. **Tracking Mice Face in Video**  
AKKAYA B., TABAR Y. R., GHARBALCHİ F., ULUSOY PARNAS İ., HALICI U.  
20th National Biomedical Engineering Meeting (BIYOMUT), İzmir, Turkey, 3 - 05 November 2016
- XII. **Brain Computer Interfaces**  
HALICI U.  
2015 International Symposium on Computer and Information Sciences, Londrina, Brazil, 11 - 12 November 2015
- XIII. **Use of Connectivity Analysis in Disese Signature Extraction for Neurodegenerative Mental Disorders**  
HALICI U.  
2015 Emerging Concepts in Advanced Imaging of Neurodegenerative Diseases, İstanbul, Turkey, 18 - 20 October 2015
- XIV. **Kitlesel Açık Çevrimiçi Kurslardaki Katılımcı Profillerinin Yapay Sinir Ağı Kullanılarak Sınıflandırması**  
AL TAEI A., YILMAZ M., OCONNOR R. V., HALICI U.  
2015 9. Ulusal Yazılım Mühendisliği Sempozyumu, İzmir, Turkey, 9 - 11 October 2015, pp.1-4
- XV. **Real Time FPGA Implementation of Super Resolution for Infrared Cameras**  
AKTUKMAK M., HALICI U.  
2015 International Conference on Electrical and Electronics - Techniques and Applications (EETA), Phuket, Thailand, 23 - 24 August 2015, pp.266-267
- XVI. **A Comparative Analysis of Functional Connectivity Data in Resting and Task-Related Conditions of the Brain for Disease Signature of OCD**  
Shenas S. K., HALICI U., Cicek M.  
36th Annual International Conference of the IEEE-Engineering-in-Medicine-and-Biology-Society (EMBC), Illinois, United States Of America, 26 - 30 August 2014, pp.978-981
- XVII. **Mixture of Poses for Human Behavior Understanding**  
GÖKÇE C. O., HALICI U.  
2013 6TH INTERNATIONAL CONGRESS ON IMAGE AND SIGNAL PROCESSING (CISP), Hangzhou, China, 16 - 18 December 2013, pp.112-116
- XVIII. **Detection of Obsessive Compulsive Disorder Using Resting State Functional Connectivity Data**



- SHENAS S. K., HALICI U., ÇİÇEK M.  
2013 IEEE 6TH INTERNATIONAL CONFERENCE ON BIOMEDICAL ENGINEERING AND INFORMATICS (BMEI 2013),  
China, 16 - 18 December 2013, pp.132-136
- XIX. **Analysis of Dimension Reduction by PCA and AdaBoost on Spelling Paradigm EEG Data**  
YILDIRIM A., HALICI U.  
6th International Conference on Biomedical Engineering and Informatics (BMEI), Hangzhou, China, 16 - 18  
December 2013, pp.192-196
- XX. **Investigation of the Effect of Face Regions on Local Shape Descriptor Based 3D Face Recognition**  
İNAN T., HALICI U.  
2013 IEEE 21st Signal Processing and Communications Applications Conference (SIU) Location: CYPRUS Date: APR  
24-26, 2013, Cyprus (Kktc), 24 - 26 April 2013
- XXI. **Automatic Water Canal Detection in Multispectral Satellite Images**  
GEDİK E., KAHRAMAN E., Cinar U., ÇETİN Y., HALICI U.  
2013 21st Signal Processing and Communications Applications Conference (SIU) Location: CYPRUS Date: APR 24-  
26, 2013, Cyprus (Kktc), 24 - 26 April 2013
- XXII. **Fourier Based Feature Descriptors for Railroad Extraction from Aerial Images**  
KARAMAN E., Cinar U., GEDİK E., ÇETİN Y., HALICI U.  
2012 IEEE INTERNATIONAL GEOSCIENCE AND REMOTE SENSING SYMPOSIUM (IGARSS), Munich, Germany, 22  
July - 27 December 2012, pp.6013-6015
- XXIII. **Junction extraction on road masks by pruned skeletons**  
Cinar U., KARAMAN E., GEDİK E., ÇETİN Y., HALICI U.  
2012 SPIE IMAGE AND SIGNAL PROCESSING FOR REMOTE SENSING XVIII, Edinburgh, Saint Helena, 24 - 26  
September 2012, vol.8537
- XXIV. **A New Approach to Automatic Road Extraction from Satellite Images using Boosted Classifiers**  
CINAR U., KARAMAN E., GEDİK E., ÇETİN Y., HALICI U.  
2012 SPIE, 24 - 26 September 2012, vol.8537
- XXV. **Automatic road network extraction from multispectral satellite images Multi-spektral uydu  
görüntülerinden otomatik yol haritası çıkarımı**  
Karaman E., Çinar U., Gedik E., Yardimci Y., HALICI U.  
2012 20th Signal Processing and Communications Applications Conference, SIU 2012, Fethiye, Muğla, Turkey, 18 -  
20 April 2012
- XXVI. **A rule based approach for detecting bridges from high resolution electro-optic satellite images  
Yüksek çözünürlüklü elektro-optik imgelerde köprü tespiti için kural tabanlı bir yaklaşım**  
Gedik E., Çinar U., Karaman E., Yardimci Y., HALICI U., Pakin K.  
2012 20th Signal Processing and Communications Applications Conference, SIU 2012, Fethiye, Muğla, Turkey, 18 -  
20 April 2012
- XXVII. **A new algorithm for automatic road network extraction in multispectral satellite images**  
KARAMAN E., ÇINAR U., GEDİK E., ÇETİN Y., HALICI U.  
2012 4th GEOBIA, Brazil, 7 - 09 May 2012, pp.455-459
- XXVIII. **A new robust method for bridge detection from high resolution electro optic satellite images**  
GEDİK E., CINAR U., KARAMAN E., ÇETİN Y., HALICI U.  
2012 GEOBIA, Rio-De-Janeiro, Brazil, 7 - 09 May 2012, pp.298-302
- XXIX. **Effects of light sources selection and surface properties on photometric stereo error Işık kaynakları  
seçiminin ve yüzey özelliklerinin fotometrik stereo hatasına etkisi**  
Büyükcatalay S., Birgül Ö., HALICI U.  
18th IEEE Signal Processing and Communications Applications Conference, SIU 2010, Diyarbakır, Turkey, 22 - 24  
April 2010, pp.336-339
- XXX. **Hypothesis based detection of building with rectilinear projection in satellite images using shade  
and color information Uydu görüntülerinde dikdörtgensel izdü şümlü binaların renk ve gölge  
bilgileri kullanılarak hipotez tabanlı saptanması**  
Güdücü V., HALICI U.

- 18th IEEE Signal Processing and Communications Applications Conference, SIU 2010, Diyarbakır, Turkey, 22 - 24 April 2010, pp.680-683
- XXXI. **Single camera multi-target tracking by fuzzy target-track association Bulanik hedef -iz eşleştirme ile tek kamera çoklu hedef takibi**  
Akinci U., HALICI U., Leblebicioğlu K.  
18th IEEE Signal Processing and Communications Applications Conference, SIU 2010, Diyarbakır, Turkey, 22 - 24 April 2010, pp.53-56
- XXXII. **Building Detection in satellite images by textural features and Adaboost**  
CETIN M., HALICI U.  
2010 IEEE Pattern Recognition and Remote Sensing (PPRS), 22 - 24 August 2010, pp.1-4
- XXXIII. **Segmentation of high resolution satellite imagery based on mean shift algorithm and morphological operations**  
Aytekin Ö., ULUSOY İ., HALICI U.  
Image and Signal Processing for Remote Sensing XV, Berlin, Germany, 31 August - 03 September 2009, vol.7477
- XXXIV. **Surface Reconstruction from Multiple Images Filtering Non Lambert Regions**  
BÜYÜATALAY S., BİRGÜL Ö., HALICI U.  
2009 6TH IEEE INTERNATIONAL CONFERENCE ON IMAGE PROCESSING, Kahire, Egypt, 7 November - 10 September 2009, pp.533-536
- XXXV. **Airport runway detection in satellite images by Adaboost Learning**  
ZÖNGÜR U., HALICI U., AYTEKİN O., ULUSOY İ.  
Image and Signal Processing for Remote Sensing XV, Berlin, Germany, 31 August - 03 September 2009, vol.7477
- XXXVI. **Classification in Frequency Domain of EEG Signals of Motor Imagery for Brain Computer Interfaces**  
HALICI U.  
2009 IEEE 14th National Biomedical Engineering Meeting, İzmir, Turkey, 20 - 22 May 2009, pp.37-40
- XXXVII. **Iterative Photometric Stereo with Shadow and Specular Region Detection for 3D Reconstruction**  
BUYUKATALAY S., BİRGÜL Ö., HALICI U.  
2009 IEEE 17TH SIGNAL PROCESSING AND COMMUNICATIONS APPLICATIONS CONFERENCE, 9 - 11 April 2009
- XXXVIII. **3D Data Processing for Enhancement of Face Scanner Data**  
BOZKURT N., HALICI U., ULUSOY PARNAS İ., AKAGUNDUZ E.  
IEEE 17th Signal Processing and Communications Applications Conference, Antalya, Turkey, 9 - 11 April 2009, pp.690-693
- XXXIX. **3D Face Reconstruction Using Stereo Images and Structured Light**  
OZTURK A. O., HALICI U., ULUSOY PARNAS İ., AKAGUNDUZ E.  
IEEE 16th Signal Processing and Communications Applications Conference, Aydın, Turkey, 20 - 22 April 2008, pp.878-881
- XL. **Effects of 3D Registration on Subspace Based Face Recognition Methods**  
USTUN B., HALICI U., ULUSOY PARNAS İ.  
IEEE 16th Signal Processing and Communications Applications Conference, Aydın, Turkey, 20 - 22 April 2008, pp.882-885
- XLI. **A physically-based facial skin model to simulate facial expressions on digitally scanned 3D models**  
AKAGUNDUZ E., ULUSOY PARNAS İ., BOZKURT N., HALICI U.  
22nd International Symposium on Computer and Information Sciences, Ankara, Turkey, 7 - 09 November 2007, pp.152-156
- XLII. **Scale invariant representation of 2.5D data**  
AKAGUNDUZ E., ULUSOY PARNAS İ., BOZKURT N., HALICI U.  
IEEE 15th Signal Processing and Communications Applications Conference, Eskişehir, Turkey, 11 - 13 June 2007, pp.438-441
- XLIII. **Design of state estimators for the inferential control of an industrial distillation column**  
BAHAR A., GUNER E., OZGEN C., HALICI U.  
2006 IEEE INTERNATIONAL JOINT CONFERENCE ON NEURAL NETWORK PROCEEDINGS, Vancouver, Canada, 16 - 21 July 2006, pp.1112-1115

- XLIV. **3D face modeling using multiple images**  
BUYUKATALAY S., HALICI U., AKAGUNDUZ E., ULUSOY PARNAS İ.  
IEEE 14th Signal Processing and Communications Applications, Antalya, Turkey, 16 - 19 April 2006, pp.405-406
- XLV. **3D cognitive map construction by active stereo vision in a virtual world**  
ULUSOY PARNAS İ., HALICI U., LEBLEBİCİOĞLU M. K.  
2004 19th International Symposium on Computer and Information Sciences (ISCIS 2004), Turkey, 27 - 29 October 2004, pp.400-409
- XLVI. **Simulation of Turkish lip motion and facial expressions in a 3D environment and synchronization with a Turkish speech engine**  
AKAGUNDUZ E., HALICI U., ULUSOY PARNAS İ.  
IEEE 12th Signal Processing and Communications Applications Conference, Kusadasi, Turkey, 28 - 30 April 2004, pp.276-279
- XLVII. **Probabilistic phase based sparse stereo**  
ULUSOY PARNAS İ., HALICI U., HANCOCK E.  
17th International Conference on Pattern Recognition (ICPR), Cambridge, Canada, 23 - 26 August 2004, pp.84-87
- XLVIII. **A Probabilistic approach to sparse multi scale phase based stereo**  
ULUSOY PARNAS İ., HALICI U., HANCOCK E.  
IEEE 12th Signal Processing and Communications Applications Conference, Kusadasi, Turkey, 28 - 30 April 2004, pp.249-252
- XLIX. **Sleep spindles detection using autoregressive modeling**  
GORUR D., HALICI U., AYDIN H., GUCLU O., ÖZGEN F., LEBLEBİCİOĞLU M. K.  
2003 International Conference on Artificial Neural Networks (ICANN 2003), Turkey, 26 - 29 June 2003
- L. **Object recognition and cognitive map formation using active stereo vision in a virtual world**  
ULUSOY İ., HALICI U., Leblebicioglu K.  
IEEE International Workshop on Computer Architecture for Machine Perception, CAMP 2003, Louisiana, United States Of America, 12 - 16 May 2003, pp.52-61
- LI. **Sleep spindles detecton using short time fourier transform and neural networks**  
GORUR D., Halici U., AYDIN H., ONGUN G., ÖZGEN F., Leblebicioglu K.  
International Joint Conference on Neural Networks (IJCNN 02), Hawaii, United States Of America, 12 - 17 May 2002, pp.1631-1636
- LII. **Sleep spindles detection using short time Fourier transform and neural networks**  
Gorur D., HALICI U., Aydin H., Ongun G., Ozgen F., Leblebicioglu K.  
2002 International Joint Conference on Neural Networks (IJCNN '02), Honolulu, HI, United States Of America, 12 - 17 May 2002, vol.2, pp.1631-1636
- LIII. **Multi-agent system based fuzzy controller design with genetic tuning for a service mobile manipulator robot in the hand-over task**  
Erden M. S., Leblebicioglu K., Halici U.  
15th World Congress of the International Federation of Automatic Control, 2002, Barcelona, Spain, 21 - 26 July 2002, vol.15, pp.503-508
- LIV. **Conflict resolution by negotiation**  
Erden M. S., Leblebicioılu K., Halici U.  
15th World Congress of the International Federation of Automatic Control, 2002, Barcelona, Spain, 21 - 26 July 2002, vol.15, pp.471-476
- LV. **Disparity using feature points in multi scale**  
ULUSOY İ., Hancock E. R., HALICI U.  
Joint IAPR 9th International Workshop on Structural and Syntactic Pattern Recognition, SSPR 2002 and 4th International Workshop on Statistical Techniques in Pattern Recognition, SPR 2002, Windsor, Canada, 6 - 09 August 2002, vol.2396, pp.320-328
- LVI. **An automated differential blood count system**  
Ongun G., Halici U., Leblebicioglu K., Atalay V., Beksac M., Beksac S.  
23rd Annual International Conference of the IEEE-Engineering-in-Medicine-and-Biology-Society, İstanbul, Turkey,

25 - 28 October 2001, vol.23, pp.2583-2586

- LVII. Feature extraction and classification of blood cells for an automated differential blood count system**  
ONGUN G., Halici U., Leblebicioglu K., Atalay V., Beksac M., Beksac S.  
International Joint Conference on Neural Networks (IJCNN 01), Washington, Kiribati, 15 - 19 July 2001, pp.2461-2466
- LVIII. Automated contour detection in blood cell images by an efficient snake algorithm**  
ONGUN G., Halici U., Leblebiciolu K., Atalay V., Beksac S., BEKSAÇ M.  
Proceedings of the 3th World Congress of Nonlinear Analysts (WCNA 2000), Catania, Italy, 19 - 26 July 2000, vol.47, pp.5839-5847
- LIX. The effect of orientation map accuracy on fingerprint classification using PCA-MSOM**  
Erol A., Halici U.  
4th International Conference on Knowledge-Based Intelligent Engineering Systems and Allied Technologies, Brighton, United Kingdom, 30 - 31 August 2000, pp.527-530
- LX. Pattern recognition in bistable networks**  
VLADIMIR C., HALICI U., LEBLEBİCİOĞLU M. K.  
1999 SPIE APPLICATIONS AND SCIENCE OF COMPUTATIONAL INTELLIGENCE II, Orlando, United States Of America, 5 - 08 April 1999, vol.3722, pp.457-463
- LXI. Design and implementation of a distributed workflow management system: METUFlow**  
Dogac A., Gokkoca E., Arpinar S., Koksall P., Cingil I., Arpinar B., Tatbul N., Karagoz P., Halici U., Altinel M.  
NATO Advanced Study Institute on Workflow Management Systems (WFMS), İstanbul, Turkey, 12 - 21 August 1997, vol.164, pp.61-91
- LXII. A linear approximation for training Recurrent Random Neural Networks**  
Halici U., Karaoz E.  
13th International Symposium on Computer and Information Sciences (ISCIS 98), BELEK ANTALYA, Turkey, 26 - 28 October 1998, vol.53, pp.149-156
- LXIII. An automated blood cell analysis and classification system**  
Ongun G., Halici U., Leblebicioglu K., Atalay V., Erkmén A., Beksac S., Beksac M., Erol A.  
13th International Symposium on Computer and Information Sciences (ISCIS 98), BELEK ANTALYA, Turkey, 26 - 28 October 1998, vol.53, pp.222-227
- LXIV. Reward, punishment and internal expectation for training the random neural network with reinforcement**  
Halici U.  
13th International Symposium on Computer and Information Sciences (ISCIS 98), BELEK ANTALYA, Turkey, 26 - 28 October 1998, vol.53, pp.162-169
- LXV. Hardware implementations of neural networks and the Random Neural Network Chip (RNNC)**  
Aybay I., Cerkez C., Halici U., Badaroglu M.  
13th International Symposium on Computer and Information Sciences (ISCIS 98), BELEK ANTALYA, Turkey, 26 - 28 October 1998, vol.53, pp.157-161
- LXVI. A digital neuron realization for the random neural network model**  
CERKEZ C., AYBAY H. I., HALICI U.  
1997 IEEE INTERNATIONAL CONFERENCE ON NEURAL NETWORKS, Houston, United States Of America, 9 - 12 June 1997, pp.690-693
- LXVII. Serializability of nested transactions in multidatabases**  
HALICI U., Arpinar B., Dogac A.  
6th International Conference on Database Theory, ICDT 1997, Delphi, Greece, 8 - 10 January 1997, vol.1186, pp.321-335
- LXVIII. Nonlinear model predictive controller using neural network**  
Karahan O., Ozgen C., Halici U., Leblebicioglu K.  
1997 IEEE International Conference on Neural Networks (ICNN 97), Texas, United States Of America, 9 - 12 June 1997, pp.690-693
- LXIX. A multidatabase system implementation on CORBA**

Dogac A., Dengi C., Kilic E., Ozhan G., Ozcan F., Nural S., Evrendilek C., Halici U., Arpinar B., Koksall P., et al.  
6th International Workshop on Research Issues in Data Engineering - Interoperability of Nontraditional Database Systems, Louisiana, United States Of America, 26 - 27 February 1996, pp.2-11

**LXX. Multidatabase system implementation on CORBA**

Dogac A., Dengi C., Kilic E., Ozhan G., Ozcan F., Nural S., Evrendilek C., HALICI U., Arpinar B., KÖKSAL P., et al.  
Proceedings of the 1996 6th International Workshop on Research Issues in Data Engineering, RIDE, New Orleans, LA, USA, 26 - 27 February 1996, pp.2-11

**LXXI. METU Interoperable Database system**

Dogac A., Halici U., Kilic E., Ozhan G., Ozcan F., Nural S., Dengi C., Mancuhan S., Arpinar B., Koksall P., et al.  
Proceedings of the 1996 ACM SIGMOD International Conference on Management of Data, Montreal, Canada, 4 - 06 June 1996, vol.25, pp.552

**LXXII. DOCUMENT MANAGEMENT IN HALDOC**

BUYUKKOKTEN F., ISIKLI O., KOKSAL M., HALICI U., AYBAY I.

7th Mediterranean Electrotechnical Conference (MeleCON 94), Antalya, Turkey, 12 - 14 April 1994, pp.379-382

**LXXIII. SOLVING SOMA PUZZLES BY BOLTZMANN MACHINE**

HALICI U., SUNGUR M.

World Congress on Neural Networks (WCNN 93, Portland), Oregon, United States Of America, 11 - 15 July 1993, pp.316-319

**LXXIV. SOLVING THE SERIALIZABILITY PROBLEM BY A CONNECTIONIST MACHINE**

SUNGUR M., HALICI U.

1993 IEEE INTERNATIONAL CONF ON NEURAL NETWORKS / 2ND INTERNATIONAL CONF ON FUZZY SYSTEMS, San-Francisco, Costa Rica, 28 March - 01 April 1993, pp.87-92

**LXXV. A graph based method for database concurrency control**

HALICI U., Dogac A.

19th Annual Conference on Computer Science, CSC 1991, Texas, United States Of America, 4 - 07 March 1991, pp.652

**LXXVI. Concurrency control for distributed multiversion databases through time intervals**

HALICI U., Dogac A.

19th Annual Conference on Computer Science, CSC 1991, Texas, United States Of America, 4 - 07 March 1991, pp.365-374

**LXXVII. Concurrency control in distributed databases through dummy locks**

HALICI U., Dogac A.

Proceedings of the 5th Jerusalem Conference on Information Technology, Jerusalem, Isr, 22 - 25 October 1990, pp.576-585

## **Episodes in the Encyclopedia**

**I. Encyclopedia of Information Science and Technology**

HALICI U.

IGI Global, pp., 2005

## **Supported Projects**

ALATAN A. A., ÖZDEMİR O. B., BATI E., ULUSOY İ., ÇINAR U., GÜRBÜZ Y. Z., AKAR G., ÇETİN Y., YARMAN VURAL F. T., HALICI U., Project Supported by Higher Education Institutions, Uydu Görüntülerinin Otomatik Analizi ile Afet Hasar Tespiti ve Kanunsuz Sınır Geçişlerinin Önlenmesi, 2015 - 2022

HALICI U., TUBITAK Project, Farelerde Ağrıya Bağlı Yüz İfadesinin Otomatik Değerlendirilmesi (Fare-Mimik), 2015 - 2018  
Ulusoy İ., Halıcı U., TUBITAK Project, Automatic Evaluation of Pain Related Facial Expressions in Mice Mice Mimic, 2015 - 2018

ULUSOY İ., HALICI U., Project Supported by Higher Education Institutions, Prematüre Retinopatisi Teşhisi için Retina Görüntülerinin Bilgisayarla Görü Yöntemleri ile Bölütlenmesi ve Analizi, 2017 - 2017

ULUSOY İ., ÇİÇEK Ç., REZAEI TABAR Y., HALICI U., ERKUŞ E. C., Project Supported by Higher Education Institutions, KOBLOSUZ EEG MOTOR İMGELEME SİSTEMİ, 2016 - 2016

HALICI U., ERAL M., ÖNER M. Ü., ULUSOY İ., KÜÇÜKAKŞIT K., AKKAYA İ. B., SOYSAL R., Project Supported by Higher Education Institutions, YAPAY SINIR AGLARI VE DERIN OGRENME YONTEMLERININ GPU UZERINDE PARALEL CALISTIRILMASI, 2016 - 2016

HALICI U., REZAEI TABAR Y., ÇİÇEK Ç., Project Supported by Higher Education Institutions, BEYİN BİLGİSAYAR ARAYÜZÜ İÇİN MOTOR İMGELEME EEG SİNYALLERİN AYIRT EDİLEBİLİRLİĞİNİN İNCELENMESİ, 2015 - 2015

HALICI U., REZAEI TABAR Y., ÇİÇEK Ç., Project Supported by Higher Education Institutions, Motor Imgeleme EEG Verisi Toplama, 2015 - 2015

HALICI U., Cicek M., KHANEH SHENAS S., YÜKSEL A., Project Supported by Higher Education Institutions, OBSESİF KOMPULSİF BOZUKLUK (OKB) İÇİN fMRI VERİSİ ÜZERİNDE BAĞLANTI ANALİZİ İLE HASTALIK İMZASI OLUŞTURULMASI, 2014 - 2014

## Metrics

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## Invited Talks

NÜKLEER TIP SEMOZYUMU, Conference, Türkiye Nükleer Tıp Derneği, Turkey, October 2023

IEEE Computer Society Congress (CSCON)'22, Conference, IEEE Computer Society and Ankara University, Turkey, March 2022

## Awards

Halıcı U., Web of Science Highly Cited Papers, Web Of Science™, December 2023

Halıcı U., ODTÜ Prof. Dr. Mustafa N. Parlar Eğitim Ve Araştırma Vakfı 2022 Hizmet Ödülü, Odtü Prof. Dr. Mustafa N. Parlar Eğitim Ve Araştırma Vakfı, June 2022