

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.ARİCAN(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 throught 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., KARSEMEIJER 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**
Leblebicioglu 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., Leblebicioglu 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**
Leblebicioglu 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 evrimsel sinir ağları kullanılarak sınıflandırılmasında 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
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Invited Talks

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

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Awards

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