

Prof. HASAN ŞAKİR BİLGE

Personal Information

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International Researcher IDs

ScholarID: [ujwM0w8AAAAJ](https://orcid.org/0000-0002-4945-0884)

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Publons / Web Of Science ResearcherID: AIC-0273-2022

ScopusID: 23134504900

Yoksis Researcher ID: 51837

Education Information

Doctorate, Baskent University, Institute Of Science, Elektrik-Elektronik Mühendisliği (Dr), Turkey 1998 - 2003

Postgraduate, Kirikkale University, Institute Of Science, Elektrik-Elektronik Mühendisliği (YI) (Tezli), Turkey 1996 - 1997

Undergraduate, Yıldız Technical University, Faculty Of Electrical & Electronics, Bilgisayar Mühendisliği Bölümü, Turkey
1987 - 1992

Foreign Languages

German, B2 Upper Intermediate

English, C1 Advanced

Dissertations

Doctorate, Delta-sigma örnekleme altdizim işlemeye dayalı bir demetleme yöntemi, Baskent University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (Dr), 2003

Postgraduate, Yapay açıklığa dayalı ultrasonik görüntüleme için hareket tahmini, Kirikkale University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (YI) (Tezli), 1997

Research Areas

Signal Processing for Sensor Sequences, Image and Video Processing, Pattern Recognition and Analysis, Computer Vision, Equipment, Logic Design, Pattern Recognition and Image Processing, Biomedical Image Processing

Academic Titles / Tasks

Professor, Gazi University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği, 2020 - Continues

Associate Professor, Gazi University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği, 2015 - 2020
Associate Professor, Gazi University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2012 - 2015
Assistant Professor, Gazi University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2003 - 2012
Lecturer, Baskent University, Faculty Of Engineering, Department Of Electrical And Electronics Engineering, 1999 - 2003
Research Assistant, Baskent University, Faculty Of Engineering, Department Of Computer Engineering, 1998 - 1999
Research Assistant, Kirikkale University, Faculty Of Engineering, Department Of Computer Engineering, 1995 - 1998

Academic and Administrative Experience

Manager of Research and Application Center, Gazi University, Rektörlük, Biyomedikal Kalibrasyon ve Araştırma Merkezi (BİYOKAM), 2022 - Continues
Academic Performance D. Board Member, Gazi University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği, 2022 - Continues
Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Gazi University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği, 2021 - Continues
Uygulama ve Araştırma Merkezi Yönetim Kurulu Üyesi, Gazi University, Araştırma ve Uygulama Merkezleri, Biyomedikal Kalibrasyon ve Araştırma Merkezi Müdürlüğü, 2020 - Continues
Rektörlük Akademik Teşvik Değerlendirme Komisyonu Üyesi, Gazi University, Rektörlük, Gazi Üniversitesi, 2020 - Continues
Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Gazi University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği, 2020 - Continues
Adaptation/Exemption Committee Member, Gazi University, Bilişim Enstitüsü, -, 2022 - 2023
Head of Department, Gazi University, Bilişim Enstitüsü, Bilgisayar Eğitimi, 2021 - 2023
Enstitü Kurulu Üyesi, Gazi University, Bilişim Enstitüsü, -, 2020 - 2023
Head of Department, Gazi University, Bilişim Enstitüsü, Bilgisayar Bilimleri Anabilim Dalı (Disiplinlerarası), 2020 - 2023
Institute Board Member, Gazi University, Bilişim Enstitüsü, -, 2020 - 2023
Assistant Manager of Research and Application Center, Gazi University, Araştırma Ve Uygulama Merkezleri, Biyomedikal Kalibrasyon Ve Araştırma Merkezi Müdürlüğü, 2021 - 2022
Gazi University, Fen Bilimleri Enstitüsü, Bilgi Güvenliği Mühendisliği Anabilim Dalı (Disiplinlerarası), 2016 - 2017
Gazi University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2005 - 2015

Courses

Microprocessors, Undergraduate, 2020 - 2021, 2017 - 2018
Microprocessors Laboratory, Undergraduate, 2020 - 2021, 2017 - 2018
ALGORİTMA TASARIMI, Postgraduate, 2021 - 2022
ALGORİTMA TASARIMI, Postgraduate, 2021 - 2022, 2020 - 2021, 2017 - 2018
Computer Architecture, Undergraduate, 2021 - 2022, 2017 - 2018
EEE482 Data Structures, Undergraduate, 2017 - 2018
EEM304E MİKROİŞLEMCİLER, Undergraduate, 2017 - 2018, 2016 - 2017
5031329 İLERİ SAYISAL TASARIM, Postgraduate, 2017 - 2018, 2016 - 2017
5191329 ÖRÜNTÜ TANIMA, Doctorate, 2017 - 2018
EEE392 Project Management, Undergraduate, 2017 - 2018
5911306 FPGA PROGRAMLAMA, Postgraduate, 2017 - 2018, 2016 - 2017
EEM482E VERİ YAPILARI, Undergraduate, 2017 - 2018
BEBB5108 GÖRÜNTÜ ANALİZİ, Postgraduate, 2017 - 2018
EEM481E BİLGİSAYAR MİMARİSİ, Undergraduate, 2017 - 2018
BM209 SAYISAL TASARIM, Undergraduate, 2017 - 2018, 2016 - 2017
5131305 GÖRÜNTÜ İŞLEME, Postgraduate, 2017 - 2018

5131310 GÖRÜNTÜ İŞLEME (UZAKTAN EĞİTİM), Postgraduate, 2017 - 2018
EEM103E COMPUTER PROGRAMMING, Undergraduate, 2017 - 2018, 2016 - 2017
BM212 BİLGİSAYAR TASARIMI, Undergraduate, 2016 - 2017
5101305 BİLGİSAYARLA GÖRME, Postgraduate, 2016 - 2017
5261351 C OBJECT - ORIENTED PROGRAMMING, Postgraduate, 2016 - 2017
EEM104E MANTIKSAL DEVRE TASARIMI, Undergraduate, 2016 - 2017

Advising Theses

Bilge H. Ş., Donanım Tabanlı Hızlandırılmış Evrişimsel Sinir Ağı ile Ultrason Görüntülerinin Çakıştırılması, Doctorate, S.GÜZEL(Student), 2023
Bilge H. Ş., Single and multi sensor fail detection and fixing via machine learning methods in avionics, Postgraduate, M.Safa(Student), 2023
Bilge H. Ş., EXAMINATION OF SUPER RESOLUTION METHODS ON ULTRASOUND IMAGES, Postgraduate, E.KÜPÇÜOĞLU(Student), 2022
Bilge H. Ş., Görüntü işleme ve bilgisayarlı görü teknolojileriyle eşgal tespit ve tanıma sistemi algoritmaları geliştirilmesi, Postgraduate, S.YEŞİLBAĞ(Student), 2022
Bilge H. Ş., FPGA Üzerinde Lazer Tespit Algoritması İmplementasyonu, Postgraduate, Y.EREN(Student), 2022
Bilge H. Ş., Görüntülerde FPGA Tabanlı Gürültü Giderimi, Postgraduate, S.ESER(Student), 2022
Bilge H. Ş., INDOOR LOCALIZATION AND MAPPING FOR UNMANNED AERIAL VEHICLES BY USING MONOCULAR CAMER, Doctorate, B.ŞİMŞEK(Student), 2022
Bilge H. Ş., DEPTH ESTIMATION WITH STEREO THERMAL AND CROSS MODALITY USING DEEP NEURAL NETWORKS, Postgraduate, A.Faruk(Student), 2021
Bilge H. Ş., MEASUREMENT OF IMAGE SHARPNESS IN THERMAL LENSES, Postgraduate, Z.DERTLİ(Student), 2021
Bilge H. Ş., Büyük veri eğitimi ihtiyacının farkındalığına yönelik Ankara ilinde bir araştırma, Doctorate, Z.AYTAÇ(Student), 2021
Bilge H. Ş., Aviyonikte kullanılan yüksek hızlı ağların karşılaştırılması, Postgraduate, O.RAŞİT(Student), 2021
BİLGE H. Ş., Fuzzy Based Cyber Security Risk Model For Smart Car, Doctorate, O.MURATOĞLU(Student), 2020
BİLGE H. Ş., Scalable Binary Image Generation And Single Image To Threedimensional Object Reconstruction Using Deep Generative Models, Doctorate, C.GÜZEL(Student), 2020
BİLGE H. Ş., Deep Learning Based Vehicle Detection And Classification On Air And Satellite Images, Postgraduate, Ö.ER(Student), 2020
BİLGE H. Ş., ULTRASON GÖRÜNTÜLERİNDE DERİN ÖĞRENME YAKLAŞIMIYLA SÜPER ÇÖZÜNÜRLÜK, Doctorate, H.TEMİZ(Student), 2020
BİLGE H. Ş., Implementation Of Warped Vortex Algorithm On A Military Rescue Simulation, Postgraduate, S.BİLECEN(Student), 2019
BİLGE H. Ş., Fast Image Search On High Dimensional Image Database, Doctorate, O.DURMAZ(Student), 2019
BİLGE H. Ş., Classification Of Histopathological Images With Deep Metric Learning, Doctorate, M.KAYA(Student), 2019
BİLGE H. Ş., Sound Source Localization In The Fourier Region With Cross Correlation Method Using Fpga, Postgraduate, M.ÖZTÜRK(Student), 2019
BİLGE H. Ş., Road damage detection with deep learning methods, Postgraduate, H.BALCI(Student), 2019
BİLGE H. Ş., Automatic Classification Of Liver Veins In Ultrasound Images, Postgraduate, A.MENTEŞE(Student), 2018
BİLGE H. Ş., Content Based Image Retrieval With Sparse Representation, Doctorate, C.ÇELİK(Student), 2017
BİLGE H. Ş., Classification In Lorentzian Space, Doctorate, Y.KERIMBEKOV(Student), 2017
BİLGE H. Ş., Realtime Facial Expression And Emotion Recognition, Postgraduate, N.KARAASLAN(Student), 2017
BİLGE H. Ş., Heart Sound (Phonocardiogram) In Identity Verification, Postgraduate, F.TAFAKHERI(Student), 2017
BİLGE H. Ş., Fast Search System For Large Face Databases, Postgraduate, A.EDİP(Student), 2016
BİLGE H. Ş., Copy Move Digital Image Forgery Detection, Postgraduate, A.BOZ(Student), 2016
BİLGE H. Ş., Effective Analysis Of Security Systems Logs By Using Data Mining Methods, Postgraduate, I.ÇİNAR(Student), 2015

BİLGE H. Ş., Classification By Dimension Reduction Of Multidimensional Data Sets In Bioinformatics, Postgraduate, H.ZEHRA(Student), 2015

BİLGE H. Ş., Face recognition system with class-wise two dimensional principal component analysis, Postgraduate, C.GÜZEL(Student), 2014

BİLGE H. Ş., Feature selection and classification on gene expression data, Postgraduate, M.KAYA(Student), 2014

BİLGE H. Ş., Coded excitation ultrasound imaging, Postgraduate, S.MAHMOOD(Student), 2014

BİLGE H. Ş., Ultrasonic imaging with code excitation method, Postgraduate, F.ÇERİK(Student), 2014

BİLGE H. Ş., Biometric systems in cyber security and face recognition, Postgraduate, S.FİLİZ(Student), 2013

BİLGE H. Ş., Region based partial face recognition, Postgraduate, V.YİĞİT(Student), 2013

BİLGE H. Ş., Classification of scientific manuscripts using text processing methods, Postgraduate, S.KALİYEVA(Student), 2013

BİLGE H. Ş., Data mining solutions for tele marketing as a direct marketing tool: An application on bank costumers, Postgraduate, M.BİLGEHAN(Student), 2013

BİLGE H. Ş., Implementation of image processing algorithms on FPGA, Postgraduate, M.FATİH(Student), 2012

BİLGE H. Ş., Kanserli hücrelerin mikroarray gen ifadelerinin incelenmesi ve veri madenciliği yöntemleri kullanarak sınıflandırılması, Postgraduate, M.AKIN(Student), 2012

BİLGE H. Ş., 3D face reconstruction from 2D images for face recognition, Postgraduate, V.SALMA(Student), 2012

BİLGE H. Ş., Face classification using quality weighted self organizing maps, Postgraduate, M.ÇEVİKER(Student), 2011

BİLGE H. Ş., Effects of dimensionality reduction and feature selection in text categorization, Postgraduate, O.DURMAZ(Student), 2011

BİLGE H. Ş., Fotometrik stereo tabanlı 3 boyutlu yüz tanıma, Postgraduate, E.TEMİZKAN(Student), 2011

BİLGE H. Ş., Mikrofon dizileri ile telekonferans sistemlerinin iyileştirilmesi, Postgraduate, E.SULTAN(Student), 2010

BİLGE H. Ş., 3 boyutlu ayrik kosinüs dönüşümü tabanlı yüz bulma ve tanıma, Doctorate, G.GÜNLÜ(Student), 2010

BİLGE H. Ş., 3 BOYUTLU AYRIK KOSİNÜS DÖNÜŞÜMÜ TABANLI YÜZ BULMA VE TANIMA, Doctorate, G.GÜNLÜ(Student), 2010

BİLGE H. Ş., Comparison of speckle reduction techniques in ultrasound images, Postgraduate, A.ŞİMŞEK(Student), 2010

BİLGE H. Ş., Yüz tanımada aydınlanmanın etkisinin uyarlanırlı histogram eşitleme ile azaltılması, Postgraduate, E.KHURSHED(Student), 2009

BİLGE H. Ş., YÜZ TANIMADA AYDINLANMANIN ETKİSİNİN UYARLANIR HİSTOGRAM EĞİTİLEME İLE AZALTILMASI, Postgraduate, E.S.KHURSHED(Student), 2009

BİLGE H. Ş., 3D SHAPE RECONSTRUCTION USING 2D IMAGES, Postgraduate, M.KARAMAN(Student), 2009

BİLGE H. Ş., IMAGE REGISTRATION, Postgraduate, Ö.ÇEVİK(Student), 2008

BİLGE H. Ş., PROCESSING OF REDUNDANCY IN IMAGE SEQUENCES, Postgraduate, M.ATALAR(Student), 2008

BİLGE H. Ş., MODELING HIERARCHICAL DATA FOR XML DATABASE AND FINDING THEIR SIMILARITY, Postgraduate, Ö.YÜREKTEN(Student), 2007

BİLGE H. Ş., Hiyerarşik verilerin XML veritabanı olarak modellenmesi ve aralarındaki benzerliğin bulunması, Postgraduate, Ö.YÜREKTEN(Student), 2007

BİLGE H. Ş., DOCUMENT CLASSIFICATION WITH SELF-ORGANIZING MAPS, Postgraduate, Y.ALPDOĞAN(Student), 2007

BİLGE H. Ş., SOUND SOURCE LOCALIZATION IN MICROPHONE ARRAYS USING GENETIC ALGORITHM, Postgraduate, E.ÇONTAR(Student), 2007

BİLGE H. Ş., COMPARISON OF METHODS THAT CAN BE USED FOR INDEXING AND DEVELOPMENT OF A SEARCH SYSTEM, Postgraduate, H.ONUR(Student), 2007

BİLGE H. Ş., Görüntü işleme yöntemleri ile doku sınırlarının belirlenmesi, Postgraduate, V.VERİM(Student), 2005

Jury Memberships

Competition, Efficiency Challenge Elektrikli Araç Yarışları, TÜBİTAK, September, 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Advancing Sustainable Marine Exploration: Highly Efficient Photonic Radar for Underwater Navigation Systems under the Impact of Different Salinity Levels**
Aldawoodi A., BİLGE H. Ş.
Sustainability (Switzerland), vol.16, no.7, 2024 (SCI-Expanded)
- II. **Speckle noise reduction on aligned consecutive ultrasound frames via deep neural network**
Mikaeili M., Bilge H. Ş., Kılıçaslan İ.
MEASUREMENT SCIENCE AND TECHNOLOGY, vol.35, no.6, pp.65403, 2024 (SCI-Expanded)
- III. **FPGA Implementation of Image Registration Using Accelerated CNN**
Aydin S. G., BİLGE H. Ş.
Sensors, vol.23, no.14, 2023 (SCI-Expanded)
- IV. **Trajectory estimation of ultrasound images based on convolutional neural network**
Mikaeili M., Bilge H. Ş.
Biomedical Signal Processing and Control, vol.78, 2022 (SCI-Expanded)
- V. **Removal of speckle noises from ultrasound images using five different deep learning networks**
Karaoğlu O., Bilge H. Ş., Uluer İ.
Engineering Science and Technology, an International Journal, vol.29, 2022 (SCI-Expanded)
- VI. **A novel motion blur resistant vslam framework for micro/nano-uavs**
Şimşek B., Bilge H. Ş.
Drones, vol.5, no.4, 2021 (SCI-Expanded)
- VII. **Class-aware single image to 3D object translational autoencoder**
GÜZEL TURHAN C., BİLGE H. Ş.
IET IMAGE PROCESSING, vol.14, no.13, pp.3046-3053, 2020 (SCI-Expanded)
- VIII. **Fused voxel autoencoder for single image to 3D object reconstruction**
Turhan C., Bilge H. Ş.
ELECTRONICS LETTERS, vol.56, no.3, pp.134-136, 2020 (SCI-Expanded)
- IX. **Scalable image generation and super resolution using generative adversarial networks**
GÜZEL TURHAN C., BİLGE H. Ş.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.35, no.2, pp.953-966, 2020 (SCI-Expanded)
- X. **Super Resolution of B-Mode Ultrasound Images With Deep Learning**
Temiz H., BİLGE H. Ş.
IEEE ACCESS, vol.8, pp.78808-78820, 2020 (SCI-Expanded)
- XI. **Fast image similarity search by distributed locality sensitive hashing**
Durmaz O., BİLGE H. Ş.
PATTERN RECOGNITION LETTERS, vol.128, pp.361-369, 2019 (SCI-Expanded)
- XII. **Deep Metric Learning: A Survey**
Kaya M., Bilge H. Ş.
SYMMETRY-BASEL, vol.11, no.9, 2019 (SCI-Expanded)
- XIII. **Content based image retrieval with sparse representations and local feature descriptors: A comparative study**
Celik C., BİLGE H. Ş.
PATTERN RECOGNITION, vol.68, pp.1-13, 2017 (SCI-Expanded)
- XIV. **Class-wise two-dimensional PCA method for face recognition**
GÜZEL TURHAN C., BİLGE H. Ş.
IET COMPUTER VISION, vol.11, no.4, pp.286-300, 2017 (SCI-Expanded)
- XV. **The use of Lorentzian distance metric in classification problems**
Kerimbekov Y., BİLGE H. Ş., UĞURLU H. H.
PATTERN RECOGNITION LETTERS, vol.84, pp.170-176, 2016 (SCI-Expanded)
- XVI. **FEATURE SELECTION WITH WEIGHTED CONDITIONAL MUTUAL INFORMATION**

- Celik C., BİLGE H. Ş.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.30, no.4, pp.585-596,
2015 (SCI-Expanded)
- XVII. **GENE SELECTION FOR BREAST CANCER CLASSIFICATION BASED ON DATA FUSION AND GENETIC ALGORITHM**
YILDIZ O., Tez M., BİLGE H. Ş., AKCAYOL M. A., GÜLER İ.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.27, no.3, pp.659-668,
2012 (SCI-Expanded)
- XVIII. **KUZEM LMS: A new learning management system for online education**
ERGÜZEN A., Erel S., UZUN İ., BİLGE H. Ş., ÜNVER H. M.
ENERGY EDUCATION SCIENCE AND TECHNOLOGY PART B-SOCIAL AND EDUCATIONAL STUDIES, vol.4, no.3,
pp.1865-1878, 2012 (SCI-Expanded)
- XIX. **Delta-sigma subarray beamforming for ultrasound imaging**
Bilge H. Ş.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.18, no.6, pp.1003-1018, 2010
(SCI-Expanded)
- XX. **Face Recognition with Discriminating 3D DCT Coefficients**
Gunlu G., BİLGE H. Ş.
COMPUTER JOURNAL, vol.53, no.8, pp.1324-1337, 2010 (SCI-Expanded)
- XXI. **MODELING A HIERARCHICAL DATABASE WITH XML**
Yurekten O., BİLGE H. Ş.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.24, no.4, pp.629-639,
2009 (SCI-Expanded)
- XXII. **CLASSIFICATION OF COURSE CONTENTS BY USING SELF-ORGANIZING MAPS**
Alpdogan Y., BİLGE H. Ş.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.24, no.2, pp.303-310,
2009 (SCI-Expanded)
- XXIII. **A ROBUST MOTION ESTIMATION BY USING PSEUDO PHASE**
Atalar M., BİLGE H. Ş.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.24, no.1, pp.171-181,
2009 (SCI-Expanded)
- XXIV. **Adaptive multi-element synthetic aperture imaging with motion and phase aberration correction**
Karaman M., Bilge H. Ş., O'Donnell M.
IEEE TRANSACTIONS ON ULTRASONICS FERROELECTRICS AND FREQUENCY CONTROL, vol.45, no.4, pp.1077-
1087, 1998 (SCI-Expanded)

Articles Published in Other Journals

- I. **Classification of histopathological images using similarity-based learning**
Kaya M., BİLGE H. Ş.
EMO Bilimsel Dergi, vol.14, no.2, pp.49-58, 2024 (Peer-Reviewed Journal)
- II. **Analysis of the Applicability of Visual Simultaneous Localization and Mapping Technique for Unmanned Systems Using Simulink Environment**
ALTINDAŞ C. Ç., BİLGE H. Ş.
Fırat Üniversitesi Mühendislik Bilimleri Dergisi, vol.35, no.1, pp.109-118, 2023 (Peer-Reviewed Journal)
- III. **Efficient Hardware Optimization for CNN**
Güzel Aydın S., Bilge H. Ş.
International Journal of Multidisciplinary Studies and Innovative Technologies, vol.6, pp.38-44, 2022 (Peer-Reviewed Journal)
- IV. **Depth Estimation in DNN Using Stereo Thermal Image Pairs**

Akyüz A. F., Bilge H. Ş.

International Journal of Computer and Information Engineering, vol.16, no.2, pp.31-36, 2022 (Peer-Reviewed Journal)

- V. **Evaluation of Big Data Awareness and Educational Expectations of Faculty Members**
Aytaç Z., Bilge H. Ş.
işletme, vol.2, no.2, pp.29-46, 2021 (Peer-Reviewed Journal)
- VI. **Vehicle Detection From Aerial Imagery As A Small Object Detection Difficulty**
Er Ö., Bilge H. Ş.
Veri Bilimi, vol.4, no.1, pp.73-83, 2021 (Peer-Reviewed Journal)
- VII. **Big data analytics in higher education: a systematic review**
Aytaç Z., Bilge H. Ş.
Journal of Internet Applications and Management, vol.11, no.2, pp.81-99, 2020 (Peer-Reviewed Journal)
- VIII. **A QUALITATIVE RESEARCH ON EVALUATING PUBLIC AND PRIVATE INSTITUTIONS' EXISTING STATUS AND EXPECTATIONS ON BIG DATA AREA IN TURKEY**
Aytaç Z., Bilge H. Ş.
Business and Management Studies: An International Journal, vol.8, no.5, pp.4646-4679, 2020 (Peer-Reviewed Journal)
- IX. **A Review on Cyber Risk Management**
Okul Ş., Muratoğlu O., AYDIN M. A., BİLGE H. Ş.
Acta INFOLOGICA, vol.3, no.1, pp.34-45, 2019 (Peer-Reviewed Journal)
- X. **SECURITY ATTACKS IN V2V COMMUNICATION**
OKUL Ş., MURATOĞLU O., AYDIN M. A., BİLGE H. Ş.
National Security and Military Sciences, vol.4, no.4, pp.58-63, 2018 (Peer-Reviewed Journal)
- XI. **Multi Featured Content Based Image Retrieval Using Color and Texture Features**
Ayan M., ERDEM O. A., BİLGE H. Ş.
Applied Mechanics and Materials, vol.850, pp.136-143, 2016 (Peer-Reviewed Journal)
- XII. **Statistical Analysis and Intrusion Detection of Web Logs by Using Web Mining Methods**
Çınar I., BİLGE H. Ş.
INTERNATIONAL JOURNAL OF INFORMATICS TECHNOLOGIES, vol.9, no.2, pp.125-135, 2016 (Peer-Reviewed Journal)
- XIII. **YumurtaKlık Kanseri Teşhisine Yönelik Gen İfadelerinin Veri Madenciliği ile Analizi**
DEMİRCİOĞLU H. Z., BİLGE H. Ş.
Marmara Fen Bilimleri Dergisi, vol.27, no.4, 2015 (Peer-Reviewed Journal)
- XIV. **Analysis for feature extraction on block based spatial domain**
GÜZEL TURHAN C., BİLGE H. Ş.
Global Journal on Technology, no.7, pp.65-70, 2015 (Peer-Reviewed Journal)
- XV. **Breast Cancer Diagnosis Based On Naive Bayes Machine Learning Classifier With Knn Missing Value Imputation**
GÜZEL TURHAN C., KAYA M., YILDIZ O., BİLGE H. Ş.
Global Journal on Technology, vol.4, no.2, pp.401-407, 2013 (Peer-Reviewed Journal)
- XVI. **Tele Pazarlama Verilerinin BirlikteKlik Kurallarıyla Ve Crisp Dm Yöntemiyle Analiz Edilmesi**
AYTAÇ M. B., BİLGE H. Ş.
Aksaray Üniversitesi İktisadi ve İdari Bilimler Fakültesi Dergisi, vol.5, no.2, pp.25-39, 2013 (Peer-Reviewed Journal)
- XVII. **Breast Cancer Diagnosis Based on Naïve Bayes Machine Learning Classifier with KNN Missing Data Imputation**
GÜZEL TURHAN C., KAYA M., YILDIZ O., BİLGE H. Ş.
Global Journal on Technology, vol.4, no.2, pp.401-407, 2013 (Peer-Reviewed Journal)
- XVIII. **Shape and Texture based Face Recognition on Overlapping 3D Sub regions**
GÜNLÜ G., BİLGE H. Ş.
COMPUTATIONAL PROBLEMS IN ENGINEERING, vol.62, pp.293-298, 2010 (Scopus)

- XIX. **Sound Source Localization in Microphone Arrays Using Genetic Algorithm**
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