

Prof. ŞEREF SAĞIROĞLU

Personal Information

Office Phone: [+90 312 582 3130](tel:+903125823130)

Email: ss@gazi.edu.tr

Web: <https://avesis.edu.tr/ss>

Address: Gazi University Engineering Faculty, Computer Engineering Department, Maltepe, Ankara

International Researcher IDs

ScholarID: [serefsagioglu](#)

ORCID: [0000-0003-0805-5818](#)

Publons / Web Of Science ResearcherID: [AAJ-5739-2020](#)

ScopusID: [7003371572](#)

Yoksis Researcher ID: [10169](#)

Biography

Prof. Sagioglu completed his undergraduate education in 1987 at Erciyes University, Department of Electronics Engineering and doctoral studies at the University of Wales College of Cardiff (now Cardiff University, UK) in 1994. He continues his academic career as a professor in Software Engineering at Gazi University Computer Engineering Department.

Prof. Sagioglu has an outstanding academics with:

- I. h-index=>35
- II. i10-index=>101
- III. More than 12000 citation
- IV. More than 70 SCI/SSCI Indexed Articles
- V. More than 100 National and International Indexed Articles
- VI. More than 200 National and International Conference and Symposium Articles
- VII. Author and/or Editor of More than 20 Books
- VIII. Editors of 4 Open Source Books (Cyber Security and Defence Book Series; Digital Literature; Artificial Intelligence and Big Data Book Series; Open and Big Data Series;)
- IX. 6 Patents
- X. National and International Projects

Sagioglu has organised more than 50 national and international events as chairman, co-chairman, organising committee members such as:

- I. International Conference on Information Security and Cryptology (www.iscturkey.org)
- II. International Conference on Computer Science and Engineering – IEEE (www.ubmk.org)
- III. Big Data, Deep Learning and Fighting Cyber Terrorisms – IEEE (www.ibigdelft.org)
- IV. IEEE International Conference on Machine Learning and Applications (www.icmla-conferences.org)
- V. IEEE International Conference on Renewable Energy and Research Applications (www.icrera.org)
- VI. Big Data Analytics, Security and Privacy Workshop (www.bigdatacenter.gazi.edu.tr)
- VII. National Cyber Terrorism Conference (www.siberterror.org)
- VIII. Turkey Open Data Conference (www.acikveriturkiye.org)

- IX. IEEE 5G Summit-Istanbul (www.ieeesummit.org)
- X. National IPv6 Conference (www.ipv6.org)

He has also been founding members of

- I. Information Security Association (www.bilgiguvenligi.org.tr),
- II. Turkish Science Research Foundation (www.tubav.org.tr),
- III. The Foundation of the People Caring for the Future (www.gonder.org.tr).
- IV. Information Security Engineering Graduate and Post Graduate Programs of Gazi University
- V. Big Data Analytics, Security and Privacy Program of Gazi University
- VI. Software Engineering Undergraduate Program

Sagioglu has/had such duties as:

- I. Dean of Engineering Faculty of Gazi University
- II. Member of ETSI as an Observer
- III. President and Executive Committee Member of Information Security Association
- IV. President and Member of Turkish Science and Research Foundation
- V. Dean of Graduation School of Science and Technology at Gazi University
- VI. Head of Computer Engineering Department, Gazi University
- VII. Head of Computer Engineering Department, Erciyes University
- VIII. Member of IEEE Biometric Task Force
- IX. President of IPv6 Forum Turkey (www.ipv6forumtr.org)
- X. Editors of
 - I. International Journal of Information Security Science (www.ijiss.org),
 - II. International Journal of Information Security Engineering (in Turkish) (www.dergipark.gov.tr/ubgmd) and
 - III. CyberMag (www.cybermag.com.tr).
- XI. General Director of FutureTech (www.futuretech.com.tr)
- XII. Member of Cyber Security Group of Higher Education Council of Turkey
- XIII. Supervisor, Havelsan
- XIV. Supervisor, IT Regulatory Body of Turkey (BTK)
- XV. Supervisor, Personal Data Protection Regulatory Body of Turkey (KVKK)

Sagioglu also has voluntarily been involved in many social projects and carried out projects in Scientific Research Projects such as TUBITAK, European Union, Sectors, University BAP Unit.

Prof. Sagioglu has delivered as invited or keynote speakers more than 500 seminars, talks, conferences at universities, schools, sectors, TV and Radio Programs, institutions and organisations in the topics of Information Security; Big and Open Data; Cyber Security and Defense; Artificial Intelligence; Artificial Neural Networks and Its Applications; Software Engineering; Privacy; Biometrics; Innovation Culture Creation; IPv6, Big Data Analytics; Robotics; 5G; Industry 4.0; etc.

Education Information

Doctorate, University of Wales, Engineering, System Engineering, United Kingdom 1990 - 1994

Undergraduate, Erciyes University, Mühendislik Fakültesi, Elektronik Mühendisliği Bölümü, Turkey 1983 - 1987

Foreign Languages

English, C2 Mastery

German, B1 Intermediate

Certificates, Courses and Trainings

Security, Training/Açık Anahtar Altyapısı ve Elektronik İmza, TÜBİTAK UEKAE, Gebze, Kocaeli, , TUBITAK UEKAE, 2004
IT, Training/Microsoft .NET Workshop, ODTÜ Teknopark, Ankara., MICROSOFT, 2002
Vocational Training, Training / Improving Memory, Cardiff, UK, University, 1993
Vocational Training, Training/Creative Thinking at work, Cardiff, UK, University, 1993
Innovative Product Design, Training / Artificial Intelligence and Robotics, Wales University Conference Centre, Gregnog, Newtown, Wales, UK, Cardiff University, 1991
Other, Summer School / Elektromagnetik Antenler, Çukurova Üniversitesi, Adana, Çukurova University, 1988

Dissertations

Doctorate, Modelling A Sensor Using Artificial Neural Networks, University of Wales College of Cardiff, 1994

Research Areas

Medicine, Information Systems, Communication and Control Engineering, Control and System Engineering, Computer Sciences, algorithms, Simulation and Modelling, Computational Model, Distributed Systems, Numerical Algorithms, Information Security and Reliability, Hiding Information, Hardware Security, Software Security, Information Visualization, Virtual Reality, Computer Vision, Equipment, Artificial Intelligence, Computer Learning and Pattern Recognition, Knowledge Engineering, Computer Learning, Fuzzy Sets and Systems, Text/Document Processing, Automated Problem Solving, Theorem Proving and Logical Reasoning, Pattern Recognition and Image Processing, Neural Networks, Software, Programming Languages, Software Engineering, Soft Computing, Electrical and Electronics Engineering, Electromagnetic, Energy, Power Electronics, Engineering and Technology

Academic Titles / Tasks

Professor, Gazi University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2008 - Continues
Associate Professor, Gazi University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2003 - 2008
Associate Professor, Erciyes University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2000 - 2003
Assistant Professor, Erciyes University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 1996 - 2000
Research Assistant, Erciyes University, Mühendislik Fakültesi, Elektrik- Elektronik Mühendisliği , 1988 - 1996

Academic and Administrative Experience

Director of the Center, Gazi University, AI & BIG DATA ANALYTICS & SECURITY R&D CENTER, 2021 - Continues
Bölüm Stratejik Plan Komisyonu Başkanı, Gazi University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2021 - Continues
Rectorate Commissioner, Gazi University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2020 - Continues
Dean, Gazi University, Mühendislik Fakültesi, 2020 - 2021
Head of Department, Gazi University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2015 - 2020
Head of Department, Gazi University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2015 - 2020
Enstitü Yönetim Kurulu Üyesi, Gazi University, Bilişim Enstitüsü, 2017 - 2019
Gazi University, Fen Bilimleri Enstitüsü, Bilgi Güvenliği Mühendisliği Anabilim Dalı (Disiplinlerarası), 2014 - 2015
Head of Department, Gazi University, Fen Bilimleri Enstitüsü, 2013 - 2015
Director of The Institution, Gazi University, Fen Bilimleri Enstitüsü, 2012 - 2015
Gazi University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2005 - 2011
Deputy Director of the Center, Gazi University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2005 - 2007

Gazi University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2003 - 2005
Head of Department, Erciyes University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2001 - 2003
Deputy Head of Department, Erciyes University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2001 - 2003
Head of Department, Erciyes University, Fen Bilimleri Enstitüsü, -, 1999 - 2001
Head of Department, Erciyes University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 1999 - 2001
Head of Department, Erciyes University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 1995 - 2001
Head of Department, Erciyes University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 1996 - 1999

Courses

SCIENTIFIC RESEARCH TECHNIQUES AND ETHICS, Doctorate, 2019 - 2020
BİLGİ GÜV. MÜH. MAKİNA ÖĞRENMESİ VE UYG., Postgraduate, 2018 - 2019
ENTERPRISE INFORMATION SECURITY, Doctorate, 2017 - 2018
ARTIFICIAL NEURAL NETWORKS, Postgraduate, 2017 - 2018
SCIENTIFIC RESEARCH TECHNIQUES AND PUBLICATION ETHICS, Postgraduate, 2018 - 2019
INTRODUCTION TO DATA SCIENCE, Undergraduate, 2017 - 2018
PERCEPTRON NETWORKS AND APPLICATIONS , Undergraduate, 2016 - 2017
INTRODUCTION TO COMPUTER SECURITY, Undergraduate, 2016 - 2017
INFORMATION AND COMPUTER SECURITY, Postgraduate, 2016 - 2017
DESCRIBE MATHEMATICS, Undergraduate, 2010 - 2011

Advising Theses

SAĞIROĞLU Ş., Cyber Threat Information Sharing Between Organizations Evaluations And Suggestions, Postgraduate, A.Melih(Student), 2021
SAĞIROĞLU Ş., Anomaly Detection In Brain Mri Images With Deep Learning Methods, Doctorate, E.AYDOĞAN(Student), 2021
SAĞIROĞLU Ş., Fashion-Based Customer Analysis For Retail Stores: A Hybrid Intelligent System Proposal, Postgraduate, S.Furkan(Student), 2021
Sağiroğlu Ş., Detecting Brain Tumors Using Deep Learning Approaches , Doctorate, M.ALİ(Student), 2020
SAĞIROĞLU Ş., Fraud Detection Models In Class Imbalanced Big Data And Explainability, Doctorate, D.SİNANÇ(Student), 2020
SAĞIROĞLU Ş., Energy Efficient Placement Of Virtual Security Functions: Method Proposals And Application, Doctorate, M.SEDEF(Student), 2020
SAĞIROĞLU Ş., Denetimde büyük veri analitiği kullanımı için yol haritası, Postgraduate, İ.ÖZDEMİR(Student), 2019
SAĞIROĞLU Ş., Outlier Oriented Utility Based Big Data Anonymization Model, Doctorate, Y.CANBAY(Student), 2019
SAĞIROĞLU Ş., Big Data Based Driver And Driving Behavior Model Recommendations For Fleet And Public Transport, Doctorate, R.TERZİ(Student), 2019
SAĞIROĞLU Ş., Multi-perspective analysis and systematic benchmarking for binary-classification performance evaluation instruments, Doctorate, G.CANBEK(Student), 2019
SAĞIROĞLU Ş., Ransomware Analysis And Protection Methods, Postgraduate, B.ÖZÇAKMAK(Student), 2018
SAĞIROĞLU Ş., Analysis Directory And File Names In Turkish That Can Cause Vulnerability On Web Application, Postgraduate, O.AKTAŞ(Student), 2018
SAĞIROĞLU Ş., Mobile Fingerprint Identification System, Postgraduate, M.ÜLKER(Student), 2018
SAĞIROĞLU Ş., İnsan santrifüj sistemler için yapay sinir ağları tabanlı açılabilir hızın hesaplanması, Postgraduate, Y.CENGİZ(Student), 2017
SAĞIROĞLU Ş., Calculating Angular Velocity For Human Centrifuge Systems Based On Artificial Neural Networks, Postgraduate, Y.Cengiz(Student), 2017
SAĞIROĞLU Ş., Comparison Of Performance Effects Of Fixed And Roaming Correspondent Node In Mobile Ipv6

Networks, Postgraduate, P.Djassi(Student), 2017

SAĞIROĞLU Ş., Comparison of performance effects of fixed and roaming correspondent node in mobile IPv6 networks, Postgraduate, P.DJASSI(Student), 2017

SAĞIROĞLU Ş., Capability Based Dynamic Model For Cyber Security Awareness, Postgraduate, S.ERDEM(Student), 2016

SAĞIROĞLU Ş., Automatic Detection And Correction System Agamst Web Application Attacks, Postgraduate, D.AYDOĞDU(Student), 2015

SAĞIROĞLU Ş., The Importance Of Software Quality Process For Providing Cyber Security, Postgraduate, S.YILMAZ(Student), 2015

SAĞIROĞLU Ş., The Assessment Of Turkish National Cybersecurity Strategy And Action Plan, Postgraduate, A.AYTEKİN(Student), 2015

SAĞIROĞLU Ş., 10 parmaktan herhangi biri temel alınarak yeni bir yaklaşımla parmak izinden cinsiyet tespit eden zeki sistem, Doctorate, E.BURAK(Student), 2015

SAĞIROĞLU Ş., Developing A New Approach For Authentication, Postgraduate, R.FARZANEH(Student), 2015

SAĞIROĞLU Ş., Kişisel veri güvenliğinin sağlanması için biyometrik çözümler, Postgraduate, B.ARSLAN(Student), 2015

SAĞIROĞLU Ş., Parmak izlerinin iyileştirilmesi ve tamamlanması, Postgraduate, S.AKTAY(Student), 2014

SAĞIROĞLU Ş., A new approach and developed system to identify facial sketches from only fingerprints, Doctorate, U.YAVANOĞLU(Student), 2014

SAĞIROĞLU Ş., Mobile phone user behavior modelling, Postgraduate, D.SİNANÇ(Student), 2014

SAĞIROĞLU Ş., XSS AND CSRF attacks and solutions, Postgraduate, A.ZHANTAYEV(Student), 2014

SAĞIROĞLU Ş., Classification of content of news posts on social networks, Postgraduate, M.SEDEF(Student), 2014

SAĞIROĞLU Ş., Secure personal agenda application for iphone, Postgraduate, H.BETÜL(Student), 2014

SAĞIROĞLU Ş., Estimating face components from fingerprints using an intelligent system, Postgraduate, M.ÇOLAK(Student), 2014

SAĞIROĞLU Ş., Web based personal information harvesting, Postgraduate, Ö.ERAKMAN(Student), 2013

SAĞIROĞLU Ş., Design and application of a wind power prediction system, Doctorate, M.YEŞİLBUDAK(Student), 2013

SAĞIROĞLU Ş., Web services in e-government applications and an application of unknown numbers service, Postgraduate, S.ALTUNBAŞ(Student), 2012

SAĞIROĞLU Ş., Intelligent system for identifying gender from fingerprint, Postgraduate, E.BURAK(Student), 2012

SAĞIROĞLU Ş., Security and solutionproposals for TCP/IP based distributed industrial control systems, Doctorate, A.ÖZBİLEN(Student), 2012

SAĞIROĞLU Ş., Ipv6 configuration and developing socket based Ipv6 supported server software, Postgraduate, İ.AKŞİT(Student), 2011

SAĞIROĞLU Ş., Analysis of the relationship between fingerprint and face, Postgraduate, D.ERKAN(Student), 2011

SAĞIROĞLU Ş., Ten rengi bilgisi ile pornografik web içeriğinin filtrelenmesi, Postgraduate, İ.AHU(Student), 2010

SAĞIROĞLU Ş., PORNOGRAPHIC WEB CONTENT FILTERING WITH SKIN COLOR INFORMATION, Postgraduate, İ.Ahu(Student), 2010

SAĞIROĞLU Ş., Resim içerik filtreleme ve içerik tespiti, Postgraduate, F.QOTLI(Student), 2010

SAĞIROĞLU Ş., DEVELOPING WEB BASED AUTOMATIC LANGUAGE IDENTIFICATION AND TRANSLATION SYSTEM, Postgraduate, U.YAVANOĞLU(Student), 2009

SAĞIROĞLU Ş., Esnek hesaplama yöntemleri ile parmak izi yüz biyometrik özelliklerinin ilişkilendirilmesi, Doctorate, N.ÖZKAYA(Student), 2009

SAĞIROĞLU Ş., Web tabanlı otomatik dil tanıma ve çevirme sistemi geliştirilmesi, Postgraduate, U.YAVANOĞLU(Student), 2009

SAĞIROĞLU Ş., CMS tabanlı kütüphane kullanarak ETSI uyumlu elektronik imza modülü ve çevrimiçi uygulama geliştirmek, Postgraduate, H.GÖLLE(Student), 2009

SAĞIROĞLU Ş., Steganaliz yaklaşımlarının karşılaştırılması, Postgraduate, M.D.(Student), 2008

SAĞIROĞLU Ş., ENTERPRISE INFORMATION SECURITY AND PENETRATION TESTING, Postgraduate, Y.VURAL(Student), 2007

SAĞIROĞLU Ş., ANALYSIS, DESIGN AND IMPLEMENTATION OF INTELLIGENT INTRUSION DETECTION SYSTEMS, Postgraduate, E.Nergis(Student), 2007

SAĞIROĞLU Ş., Steganografik yaklaşımların incelenmesi, tasarımı ve geliştirilmesi, Postgraduate, M.ALİ(Student), 2007

SAĐIROĐLU Ő., INVESTIGATION, DESIGN AND DEVELOPMENT OF STEGANOGRAPHIC TOOLS, Postgraduate, M.ALİ(Student), 2007
SAĐIROĐLU Ő., MOBILE ELECTRONIC SIGNATURE, Postgraduate, M.A.(Student), 2007
SAĐIROĐLU Ő., Zeki saldırı tespit sistemleri incelenmesi, tasarımı ve gerekleřtirilmesi, Postgraduate, E.ENERĐİS(Student), 2007
SAĐIROĐLU Ő., Klavye dinleme ve nleme sistemleri analiz, tasarım ve geliřtirme, Postgraduate, G.CANBEK(Student), 2005
SAĐIROĐLU Ő., WEB tabanlı mobil robot sistemi tasarımı, gerekleřtirilmesi ve uygulamaları, Doctorate, N.YILMAZ(Student), 2005
SAĐIROĐLU Ő., Ara hız tespit sistemi, Postgraduate, A.HASGL(Student), 2004
SAĐIROĐLU Ő., Otomatik parmak izi tanıma sistemi, Postgraduate, N.ZKAYA(Student), 2003
SAĐIROĐLU Ő., Nmerik tabu arama algoritması, Doctorate, A.KAPLAN(Student), 2001
SAĐIROĐLU Ő., AR-GE robotu tasarımı ve gerekleřtirilmesi, Postgraduate, B.BABAYİĐİT(Student), 2000
SAĐIROĐLU Ő., Diktrtgen mikrořerit antenlerin yapay sinir aĐları ile analizi ve tasarımı, Doctorate, M.ERLER(Student), 1999

Research Infrastructure Information

SaĐiroĐlu Ő., Big Data and Cyber Security Laboratory, April 2016

Education Infrastructure Information

SaĐiroĐlu Ő., BIG DATA ANALYTICS AND SECURITY PROGRAM TEST, January 2016

Designed Programs

SaĐiroĐlu Ő., Postgraduate, Software Engineering, 2021 - Continues
SaĐiroĐlu Ő., Postgraduate, BIG DATA ANALYTICS SECURITY AND PRIVACY, 2021 - Continues
SaĐiroĐlu Ő., Doctorate, BİLGİ GVENLİĐİ MHENDİSLİĐİ, 2015 - Continues
SaĐiroĐlu Ő., Doctorate, SMARTGRID, 2014 - Continues
SaĐiroĐlu Ő., Postgraduate, BİLGİ GVENLİĐİ MHENDİSLİĐİ, 2014 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Development of Brain Tumor Radiogenomic Classification Using GAN-Based Augmentation of MRI Slices in the Newly Released Gazi Brains Dataset**
Yurtsever M. M. E., Atay Y., Arslan B., SaĐiroĐlu Ő.
BMC MEDICAL INFORMATICS AND DECISION MAKING, vol.24, no.285, pp.1-24, 2024 (SCI-Expanded)
- II. **Explainable artificial intelligence for LDL cholesterol prediction and classification**
Sezer S., Oter A., Ersoz B., Topcuoglu C., Blbl H. İ., SaĐiroĐlu Ő., Akın M., Yılmaz G.
Clinical Biochemistry, vol.130, 2024 (SCI-Expanded)
- III. **Optimizing Lithium-Ion Battery Performance: Integrating Machine Learning and Explainable AI for Enhanced Energy Management**
Oyucu S., Ersz B., SAĐIROĐLU Ő., AKSZ A., Bier E.
Sustainability (Switzerland), vol.16, no.11, 2024 (SCI-Expanded)
- IV. **An artificial intelligence model estimation for functionalized graphene quantum dot-based diode characteristics**
ter A., Ersz B., Berktař Z., Blbl H. İ., Orhan E., SaĐiroĐlu Ő.

Physica Scripta, vol.99, no.5, 2024 (SCI-Expanded)

- V. **Glioma Grade Classification using CNNs and Segmentation with an Adaptive Approach using Histogram Features in Brain MRIs**
Sağiroğlu Ş., Özkaya Ç.
IEEE ACCESS, vol.1, no.1, pp.232-242, 2023 (SCI-Expanded)
- VI. **Social big data applications and challenges**
Erol S. E., Aksoy Ç., SAĞIROĞLU Ş.
Concurrency and Computation: Practice and Experience, vol.35, no.5, 2023 (SCI-Expanded)
- VII. **A new utility-aware anonymization model for privacy preserving data publishing**
CANBAY Y., SAĞIROĞLU Ş., Vural Y.
CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE, vol.34, no.10, 2022 (SCI-Expanded)
- VIII. **TwitterBulletin: An Intelligent and Real-Time Automated News Categorization Tool for Twitter**
Demirci M. S., Sağiroğlu Ş.
Journal Of Universal Computer Science, vol.28, no.4, 2022 (SCI-Expanded)
- IX. **TwitterBulletin: An Intelligent and Real-Time Automated News Categorization Tool for Twitter**
DEMİRCİ M. S., SAĞIROĞLU Ş.
Journal of Universal Computer Science, vol.28, no.4, pp.345-377, 2022 (SCI-Expanded)
- X. **Short term traffic speed prediction with RNN method for roads characterized by densitybased clustering method Yoğunluk tabanlı kümeleme yöntemiyle karakteristiği oluşturulan yollar için RNN yöntemi ile kısa zamanlı trafik hız tahmini**
Akin M., Sagiroglu S.
Journal of the Faculty of Engineering and Architecture of Gazi University, vol.37, no.2, pp.581-593, 2022 (SCI-Expanded)
- XI. **Design and evaluation of a controller for energy efficient security management and traffic routing in SDN/NFV based 5G networks SDN/NFV tabanlı 5G ağlarında enerji-etkin güvenlik yönetimi ve trafik yönlendirme için kontrolcü tasarımı ve değerlendirilmesi**
DEMİRCİ M. S., SAĞIROĞLU Ş.
Journal of the Faculty of Engineering and Architecture of Gazi University, vol.37, no.1, pp.1-15, 2022 (SCI-Expanded)
- XII. **Utilizing Deep Convolutional Generative Adversarial Networks for Automatic Segmentation of Gliomas: An Artificial Intelligence Study**
Aydoğan Duman E., SAĞIROĞLU Ş., Celtikci P., Demirezen M. U., BÖRCEK A. Ö., Emmez H., ÇELTİKÇİ E.
TURKISH NEUROSURGERY, vol.32, no.1, pp.16-21, 2022 (SCI-Expanded)
- XIII. **BenchMetrics: a systematic benchmarking method for binary classification performance metrics**
Canbek G., TAŞKAYA TEMİZEL T., SAĞIROĞLU Ş.
NEURAL COMPUTING & APPLICATIONS, vol.33, no.21, pp.14623-14650, 2021 (SCI-Expanded)
- XIV. **Energy-efficient virtual security function placement in NFV-enabled networks**
Demirci M. S., Sağiroğlu Ş., Demirci M.
SUSTAINABLE COMPUTING-INFORMATICS & SYSTEMS, vol.30, 2021 (SCI-Expanded)
- XV. **New driver behaviour models for fleet management based on big data analytics**
Terzi R., Sağiroğlu Ş., Cocu O., Arkan R., Tosun M., Tulgar Y.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.36, no.1, pp.543-557, 2021 (SCI-Expanded)
- XVI. **Big Data Perspective for Driver/Driving Behavior**
Terzi R., SAĞIROĞLU Ş., Demirezen M. U.
IEEE INTELLIGENT TRANSPORTATION SYSTEMS MAGAZINE, vol.12, no.2, pp.20-35, 2020 (SCI-Expanded)
- XVII. **A Novel Deep Learning Algorithm for the Automatic Detection of High-Grade Gliomas on T2-Weighted Magnetic Resonance Images: A Preliminary Machine Learning Study**
Atici M. A., SAĞIROĞLU Ş., Celtikci P., UÇAR M., BÖRCEK A. Ö., Emmez H., ÇELTİKÇİ E.
TURKISH NEUROSURGERY, vol.30, no.2, pp.199-205, 2020 (SCI-Expanded)
- XVIII. **OAN: outlier record-oriented utility-based privacy preserving model**

Canbay Y., Vural Y., SAĞIROĞLU Ş.

JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.35, no.1, pp.355-368, 2020 (SCI-Expanded)

- XIX. **Optimal placement of virtual network functions in software defined networks: A survey**
Demirci M. S., Sağıroğlu Ş.
JOURNAL OF NETWORK AND COMPUTER APPLICATIONS, vol.147, 2019 (SCI-Expanded)
- XX. **A novel implementation of kNN classifier based on multi-tupled meteorological input data for wind power prediction**
YEŞİLBUDAK M., SAĞIROĞLU Ş., Colak I.
ENERGY CONVERSION AND MANAGEMENT, vol.135, pp.434-444, 2017 (SCI-Expanded)
- XXI. **Novel User Modeling Approaches for Personalized Learning Environments**
KAHRAMAN H. T., SAĞIROĞLU Ş., Colak I.
INTERNATIONAL JOURNAL OF INFORMATION TECHNOLOGY & DECISION MAKING, vol.15, no.3, pp.575-602, 2016 (SCI-Expanded)
- XXII. **A survey on the critical issues in smart grid technologies**
Colak I., SAĞIROĞLU Ş., Fulli G., YEŞİLBUDAK M., Covrig C.
RENEWABLE & SUSTAINABLE ENERGY REVIEWS, vol.54, pp.396-405, 2016 (SCI-Expanded)
- XXIII. **DEVELOPMENT OF A NEW FOLDER LOCK APPROACH AND SOFTWARE BASED ON STEGANOGRAPHY**
Atici M. A., SAĞIROĞLU Ş.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.31, no.1, pp.129-144, 2016 (SCI-Expanded)
- XXIV. **Smart grid projects in Europe: Current status, maturity and future scenarios**
Colak I., Fulli G., SAĞIROĞLU Ş., YEŞİLBUDAK M., Covrig C.
APPLIED ENERGY, vol.152, pp.58-70, 2015 (SCI-Expanded)
- XXV. **A novel intelligent approach for yaw position forecasting in wind energy systems**
YEŞİLBUDAK M., SAĞIROĞLU Ş., Colak I.
INTERNATIONAL JOURNAL OF ELECTRICAL POWER & ENERGY SYSTEMS, vol.69, pp.406-413, 2015 (SCI-Expanded)
- XXVI. **GENDER CLASSIFICATION BASED ON ANN WITH USING FINGERPRINT FEATURE VECTORS**
Ceyhan E. B., SAĞIROĞLU Ş., Akyil E.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.29, no.1, pp.201-207, 2014 (SCI-Expanded)
- XXVII. **A SOFTWARE SUGGESTION FOR IPv6 SUPPORTED SOCKET BASED SERVERS ABSTRACT**
AKŞİT İ., SAĞIROĞLU Ş.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.29, no.2, pp.353-363, 2014 (SCI-Expanded)
- XXVIII. **A new approach to very short term wind speed prediction using k-nearest neighbor classification**
YEŞİLBUDAK M., SAĞIROĞLU Ş., Colak I.
ENERGY CONVERSION AND MANAGEMENT, vol.69, pp.77-86, 2013 (SCI-Expanded)
- XXIX. **A novel model for web-based adaptive educational hypermedia systems: SAHM (supervised adaptive hypermedia model)**
KAHRAMAN H. T., SAĞIROĞLU Ş., Colak I.
COMPUTER APPLICATIONS IN ENGINEERING EDUCATION, vol.21, no.1, pp.60-74, 2013 (SCI-Expanded)
- XXX. **A data mining approach: Analyzing wind speed and insolation period data in Turkey for installations of wind and solar power plants**
Colak I., SAĞIROĞLU Ş., DEMİRTAŞ M., YEŞİLBUDAK M.
ENERGY CONVERSION AND MANAGEMENT, vol.65, pp.185-197, 2013 (SCI-Expanded)
- XXXI. **The development of intuitive knowledge classifier and the modeling of domain dependent data**
KAHRAMAN H. T., SAĞIROĞLU Ş., Colak I.
KNOWLEDGE-BASED SYSTEMS, vol.37, pp.283-295, 2013 (SCI-Expanded)
- XXXII. **A new approach to predict the excitation current and parameter weightings of synchronous**

machines based on genetic algorithm-based k-NN estimator

Kahraman H. T., BAYINDIR R., Sagioglu Ş.

Energy Conversion and Management, vol.64, pp.129-138, 2012 (SCI-Expanded)

XXXIII. Data mining and wind power prediction: A literature review

Colak I., SAĞIROĞLU Ş., YEŞİLBUDAK M.

RENEWABLE ENERGY, vol.46, pp.241-247, 2012 (SCI-Expanded)

XXXIV. A STUDY ON COST ANALYSIS FOR IPv6 PROTOCOL TRANSITION

SAĞIROĞLU Ş., ALKAN M., KARACAN H., Parilti N., KASAP R., YAVANOĞLU U., Haciomeroglu M., AKŞİT İ.

JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.27, no.1, pp.151-161, 2012 (SCI-Expanded)

XXXV. Real-Time Line Tracking Based on Web Robot Vision

YILMAZ N., SAĞIROĞLU Ş.

COMPUTER APPLICATIONS IN ENGINEERING EDUCATION, vol.19, no.4, pp.806-813, 2011 (SCI-Expanded)

XXXVI. AHP MODEL FOR TRANSITION FROM IPv4 TO IPv6

Kızılkaya Aydoğan E., Soylu M. Y., Gencer C., Çetin S., Soysal M., Bektas O., Yuce E., Ozturk Y., Gokirmak Y., Sağıroğlu Ş.

JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.26, pp.701-709, 2011 (SCI-Expanded)

XXXVII. DESIGNING and DEVELOPING an INTELLIGENT INTRUSION DETECTION SYSTEM

SAĞIROĞLU Ş., Yolacan E. N., YAVANOĞLU U.

JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.26, no.2, pp.325-340, 2011 (SCI-Expanded)

XXXVIII. SECURITY TESTS AND SUGGESTIONS FOR ENTERPRISE INFORMATION SECURITY

Vural Y., SAĞIROĞLU Ş.

JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.26, no.1, pp.89-104, 2011 (SCI-Expanded)

XXXIX. A Novel Web-Based Laboratory for DC Motor Experiments

Colak I., DEMİRBAŞ Ş., SAĞIROĞLU Ş., IRMAK E.

COMPUTER APPLICATIONS IN ENGINEERING EDUCATION, vol.19, no.1, pp.125-135, 2011 (SCI-Expanded)

XL. AN INTELLIGENT AND AUTOMATIC FACE SHAPE PREDICTION SYSTEM FROM FINGERPRINTS

SAĞIROĞLU Ş., Ozicaya N.

INTELLIGENT AUTOMATION AND SOFT COMPUTING, vol.17, no.3, pp.309-317, 2011 (SCI-Expanded)

XLI. AUTOMATIC WEB BASED LANGUAGE IDENTIFICATION AND TRANSLATION SYSTEM

YAVANOĞLU U., SAĞIROĞLU Ş.

JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.25, no.3, pp.483-494, 2010 (SCI-Expanded)

XLII. Generating One Biometric Feature from Another: Faces from Fingerprints

Ozkaya N., SAĞIROĞLU Ş.

SENSORS, vol.10, no.5, pp.4206-4237, 2010 (SCI-Expanded)

XLIII. Parallel Ant Colony Optimization Algorithm Based Neural Method for Determining Resonant Frequencies of Various Microstrip Antennas

KALINLI A., SAĞIROĞLU Ş., Sarikoc F.

ELECTROMAGNETICS, vol.30, no.5, pp.463-481, 2010 (SCI-Expanded)

XLIV. INVESTIGATING INDUSTRIAL RISKS BASED ON INFORMATION SECURITY FOR OBSERVERABLE ELECTRICAL ENERGY DISTRIBUTION SYSTEM AND SUGGESTIONS

BAYINDIR R., SAĞIROĞLU Ş., Colak I., Ozbilen A.

JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.24, no.4, pp.715-723, 2009 (SCI-Expanded)

XLV. Design and implementation of a neural controller for power factor correction

Sagioglu Ş., BAYINDIR R., Colak I.

Engineering Intelligent Systems, vol.17, no.4, pp.209-220, 2009 (SCI-Expanded)

- XLVI. **Keyloggers**
SAĞIROĞLU Ş., Canbek G.
IEEE TECHNOLOGY AND SOCIETY MAGAZINE, vol.28, no.3, pp.10-17, 2009 (SCI-Expanded)
- XLVII. **AN ANALYSIS OF INFORMATION AND TELECOMMUNICATION SECURITY IN MOBILE ENVIRONMENTS**
SAĞIROĞLU Ş., Bulut H.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.24, no.3, pp.499-507, 2009 (SCI-Expanded)
- XLVIII. **Web-based mobile robot platform for real-time exercises**
SAĞIROĞLU Ş., YILMAZ N.
EXPERT SYSTEMS WITH APPLICATIONS, vol.36, no.2, pp.3153-3166, 2009 (SCI-Expanded)
- XLIX. **An intelligent face features generation system from fingerprints**
SAĞIROĞLU Ş., ÖZKAYA N.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.17, no.2, pp.183-203, 2009 (SCI-Expanded)
- L. **An intelligent power factor corrector for power system using artificial neural networks**
BAYINDIR R., Sagioglu Ş., Colak I.
Electric Power Systems Research, vol.79, no.1, pp.152-160, 2009 (SCI-Expanded)
- LI. **FACE RECOGNITION FROM FINGERPRINTS**
Ozkaya N., SAĞIROĞLU Ş.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.23, no.4, pp.785-793, 2008 (SCI-Expanded)
- LII. **TRANSITION TO ADAPTIVE EDUCATIONAL HYPERMEDIA SYSTEMS FROM WEB BASED EDUCATIONAL SYSTEMS: REVIEW OF DESIGN APPROACHES FOR THE AEHS**
SAĞIROĞLU Ş., Colak I., Kahraman H. T.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.23, no.4, pp.837-852, 2008 (SCI-Expanded)
- LIII. **Predicting coronary artery disease using different artificial neural network models**
Colak M. C., Colak C., Kocaturk H., SAĞIROĞLU Ş., Barutcu I.
ANADOLU KARDIOLOJİ DERGİSİ-THE ANATOLIAN JOURNAL OF CARDIOLOGY, vol.8, no.4, pp.249-254, 2008 (SCI-Expanded)
- LIV. **A review on enterprise information security and standards Kurumsal bilgi güvenliği ve standartları üzerine bir inceleme**
Vural Y., SAĞIROĞLU Ş.
Journal of the Faculty of Engineering and Architecture of Gazi University, vol.23, no.2, pp.507-522, 2008 (SCI-Expanded)
- LV. **A REVIEW ON ENTERPRISE INFORMATION SECURITY AND STANDARDS**
Vural Y., Sagioglu Ş.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.23, no.2, pp.507-522, 2008 (SCI-Expanded)
- LVI. **MOBILE ELECTRONIC SIGNATURE, INFRASTRUCTURE AND TURKEY**
SAĞIROĞLU Ş., Kabasakal D., Alkan M.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.23, no.1, pp.49-56, 2008 (SCI-Expanded)
- LVII. **SPYWARE: INFECTION METHODS AND PREVENTIVE MEASURES**
Canbek G., SAĞIROĞLU Ş.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.23, no.1, pp.165-180, 2008 (SCI-Expanded)
- LVIII. **Malware and spyware: A comprehensive review Kötücül ve casus yazılımlar: Kapsamli bir araştırma**
Canbek G., SAĞIROĞLU Ş.
Journal of the Faculty of Engineering and Architecture of Gazi University, vol.22, no.1, pp.121-136, 2007 (SCI-Expanded)

- LIX. **Neuro-fuzzy controller implementation for an adaptive cathodic protection on Iraq-Turkey crude oil pipeline**
Akçayol M. A., Sagirolu Ş.
APPLIED ARTIFICIAL INTELLIGENCE, vol.21, no.3, pp.241-256, 2007 (SCI-Expanded)
- LX. **General aimed web based mobile robot: Sunar Genel amaçlı web tabanlı mobil robot: Sunar**
Yılmaz N., SAĞIROĞLU Ş., Bayrak M.
Journal of the Faculty of Engineering and Architecture of Gazi University, vol.21, no.4, pp.745-752, 2006 (SCI-Expanded)
- LXI. **Elman network with embedded memory for system identification**
KALINLI A., Sagirolu Ş.
JOURNAL OF INFORMATION SCIENCE AND ENGINEERING, vol.22, no.6, pp.1555-1568, 2006 (SCI-Expanded)
- LXII. **Power factor correction technique based on artificial neural networks**
Sagirolu Ş., Colak I., BAYINDIR R.
Energy Conversion and Management, vol.47, pp.3204-3215, 2006 (SCI-Expanded)
- LXIII. **New approaches for pre-processing operations of automatic fingerprint identification and verification systems Otomatik parmakizi tanima sistemlerinde kullanılan önışlemler için yeni yaklaşımlar**
SAĞIROĞLU Ş., Özkaya N.
Journal of the Faculty of Engineering and Architecture of Gazi University, vol.21, no.1, pp.11-19, 2006 (SCI-Expanded)
- LXIV. **Determining resonant frequencies of various microstrip antennas within a single neural model trained using parallel tabu search algorithm**
Sagirolu Ş., KALINLI A.
ELECTROMAGNETICS, vol.25, no.6, pp.551-565, 2005 (SCI-Expanded)
- LXV. **Comparison of algorithms for AR system modeling AR Sistem Modellemede Farkli Algoritmaların Karş ilaştırılması**
Özer Ş., SAĞIROĞLU Ş., Kaplan A.
Journal of the Faculty of Engineering and Architecture of Gazi University, vol.19, no.4, pp.431-436, 2004 (SCI-Expanded)
- LXVI. **Neural analysis of top shielded multilayered coplanar waveguides**
TÜRKMEN M., YILDIZ C., SAĞIROĞLU Ş.
Turkish Journal of Electrical Engineering and Computer Sciences, vol.12, no.1, pp.1-10, 2004 (SCI-Expanded)
- LXVII. **Neural model for coplanar waveguide sandwiched between two dielectric substrates**
Yildiz C., Sagirolu Ş., Turkmen M.
IEE PROCEEDINGS-MICROWAVES ANTENNAS AND PROPAGATION, vol.151, no.1, pp.7-12, 2004 (SCI-Expanded)
- LXVIII. **Neural models for coplanar waveguides with a finite dielectric thickness**
Yildiz C., Sagirolu Ş., Saracoglu O.
INTERNATIONAL JOURNAL OF RF AND MICROWAVE COMPUTER-AIDED ENGINEERING, vol.13, no.6, pp.438-446, 2003 (SCI-Expanded)
- LXIX. **Neural models for an asymmetric coplanar stripline with an infinitely wide strip**
Yildiz C., Sagirolu Ş., Saracoglu O., Turkmen M.
INTERNATIONAL JOURNAL OF ELECTRONICS, vol.90, no.8, pp.509-516, 2003 (SCI-Expanded)
- LXX. **Neural networks for the calculation of bandwidth of rectangular microstrip antennas**
Gultekin S., Guney K., Sagirolu Ş.
APPLIED COMPUTATIONAL ELECTROMAGNETICS SOCIETY JOURNAL, vol.18, no.2, pp.110-120, 2003 (SCI-Expanded)
- LXXI. **Neural networks for the calculation of bandwidth of rectangular microstrip antennas**
Gultekin S. S., Guney K., Sagirolu Ş.
Applied Computational Electromagnetics Society Journal, vol.18, no.2, pp.110-120, 2003 (SCI-Expanded)
- LXXII. **A new approach based on recurrent neural networks for system identification**
KALINLI A., Sagirolu Ş.

- COMPUTER AND INFORMATION SCIENCES - ISCIS 2003, vol.2869, pp.568-575, 2003 (SCI-Expanded)
- LXXIII. **A multilayered perceptron neural network for a micro-coplanar strip line**
Sagiroglu Ş., Yildiz C.
ELECTROMAGNETICS, vol.22, no.7, pp.553-563, 2002 (SCI-Expanded)
- LXXIV. **Artificial neural networks in robot control systems: A survey paper**
YILDIRIM Ş., Sağıroğlu Ş.
Mathematical and Computational Applications, vol.7, no.2, pp.103-112, 2002 (SCI-Expanded)
- LXXV. **Neural models for the resonant frequency of electrically thin and thick circular microstrip antennas and the characteristic parameters of asymmetric coplanar waveguides backed with a conductor**
Yildiz C., Gultekin S., Guney K., Sagiroglu Ş.
AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS, vol.56, no.6, pp.396-406, 2002 (SCI-Expanded)
- LXXVI. **Generalized neural method to determine resonant frequencies of various microstrip antennas**
Guney K., Sagiroglu Ş., Erler M.
INTERNATIONAL JOURNAL OF RF AND MICROWAVE COMPUTER-AIDED ENGINEERING, vol.12, no.1, pp.131-139, 2002 (SCI-Expanded)
- LXXVII. **Modelling of the linewidth enhancement factor with the use of radial basis function network**
Sagiroglu Ş., Celebi F., Danisman K.
AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS, vol.56, no.1, pp.51-54, 2002 (SCI-Expanded)
- LXXVIII. **Design of rectangular microstrip antennas with the use of artificial neural networks**
Güney K., Sagiroglu Ş., ERLER M.
Neural Network World, vol.12, no.4, pp.361-370, 2002 (SCI-Expanded)
- LXXIX. **Training multilayered perceptrons for pattern recognition: a comparative study of four training algorithms**
Pham D., Sagiroglu Ş.
INTERNATIONAL JOURNAL OF MACHINE TOOLS & MANUFACTURE, vol.41, no.3, pp.419-430, 2001 (SCI-Expanded)
- LXXX. **Comparison of neural networks for resonant frequency computation of electrically thin and thick rectangular microstrip antennas**
Guney K., Sagiroglu Ş., ERLER M.
JOURNAL OF ELECTROMAGNETIC WAVES AND APPLICATIONS, vol.15, no.8, pp.1121-1145, 2001 (SCI-Expanded)
- LXXXI. **Principal component analysis for control chart pattern recognition using artificial neural networks**
Sagiroglu Ş., BEŞDOK E., ERLER M.
Neural Network World, vol.11, no.4, pp.337-347, 2001 (SCI-Expanded)
- LXXXII. **Control chart pattern recognition using artificial neural networks**
Sağıroğlu Ş., BEŞDOK E., ERLER M.
Turkish Journal of Electrical Engineering and Computer Sciences, vol.8, no.2, pp.137-147, 2000 (SCI-Expanded)
- LXXXIII. **Artificial neural networks for the resonant resistance calculation of electrically thin and thick rectangular microstrip antennas**
Guney K., Erler M., Sagiroglu Ş.
ELECTROMAGNETICS, vol.20, no.5, pp.387-400, 2000 (SCI-Expanded)
- LXXXIV. **Neural network classification of defects in veneer boards**
Pham D., Sagiroglu Ş.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART B-JOURNAL OF ENGINEERING MANUFACTURE, vol.214, no.3, pp.255-258, 2000 (SCI-Expanded)
- LXXXV. **Calculation of bandwidth for electrically thin and thick rectangular microstrip antennas with the use of multilayered perceptrons**
Sagiroglu Ş., Guney K., Erler M.
INTERNATIONAL JOURNAL OF RF AND MICROWAVE COMPUTER-AIDED ENGINEERING, vol.9, no.3, pp.277-286, 1999 (SCI-Expanded)
- LXXXVI. **Neural computation of resonant frequency of electrically thin and thick rectangular microstrip**

antennas

Karaboga D., Guney K., Sagiroglu Ş., ERLER M.

IEE PROCEEDINGS-MICROWAVES ANTENNAS AND PROPAGATION, vol.146, no.2, pp.155-159, 1999 (SCI-Expanded)

LXXXVII. **Neural computing of the bandwidth of resonant rectangular microstrip antennas**

Sagiroglu Ş., Guney K., ERLER M.

Mathematical and Computational Applications, vol.3, no.1, pp.37-47, 1998 (SCI-Expanded)

LXXXVIII. **Resonant frequency calculation for circular microstrip antennas using artificial neural networks**

Sagiroglu Ş., Guney K., Erler M.

INTERNATIONAL JOURNAL OF RF AND MICROWAVE COMPUTER-AIDED ENGINEERING, vol.8, no.3, pp.270-277, 1998 (SCI-Expanded)

LXXXIX. **Artificial neural networks in robotic applications**

Sagiroglu Ş.

Mathematical and Computational Applications, vol.3, no.2, pp.67-81, 1998 (SCI-Expanded)

XC. **Calculation of resonant frequency for an equilateral triangular microstrip antenna with the use of artificial neural networks**

Sagiroglu Ş., Guney K.

MICROWAVE AND OPTICAL TECHNOLOGY LETTERS, vol.14, no.2, pp.89-93, 1997 (SCI-Expanded)

XCI. **Processing signals from an inertial sensor using neural networks**

Pham D., SAĞIROĞLU Ş.

INTERNATIONAL JOURNAL OF MACHINE TOOLS & MANUFACTURE, vol.36, no.11, pp.1291-1306, 1996 (SCI-Expanded)

XCII. **Synergistic neural models of a robot sensor for part orientation detection**

Pham D., SAĞIROĞLU Ş.

PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART B-JOURNAL OF ENGINEERING MANUFACTURE, vol.210, no.1, pp.69-76, 1996 (SCI-Expanded)

XCIII. **3 METHODS OF TRAINING MULTILAYER PERCEPTRONS TO MODEL A ROBOT SENSOR**

PHAM D., SAĞIROĞLU Ş.

ROBOTICA, vol.13, pp.531-538, 1995 (SCI-Expanded)

Articles Published in Other Journals

I. **CNN-RNN Hybrid Model-Based Ensemble Learning with Explainable Artificial Intelligence to Predict the Performance of Li-Ion Batteries in Drone Flights**

Ersöz B., oyucu s., AKSÖZ A., SAGIROGLU S., Bicer E.

APPLIED SCIENCES, vol.14, no.23, pp.1-10, 2024 (Scopus)

II. **Developing a Green AI Platform for SMEs to Analyze Open-source Information with the Approach of Society 5.0**

Akarşlan H., Sağıroğlu Ş.

SN COMPUT. SCI., vol.5, no.923, pp.1-26, 2024 (Scopus)

III. **Using Generative Artificial Intelligence in Exams: A Research on KPSS with ChatGPT**

Öter A., Ersöz B., Bülbül H. İ., Sağıroğlu Ş.

International Journal of Educational Research Review, vol.9, no.4, pp.269-274, 2024 (Peer-Reviewed Journal)

IV. **Alternative Confirmatory Factor Analytic Models for Examining Preservice Teachers' Non-Cognitive Skills**

Kahraman N., Sozer Boz E., Akbaş D., Çorbacı E. C., Isik S., Üzbe Atalay N., Aydın F. N., Çakan M., Sagiroglu S.

Bartın Üniversitesi Eğitim Fakültesi Dergisi, vol.12, no.3, pp.460-470, 2023 (Peer-Reviewed Journal)

V. **The first case of glioma detected by an artificial intelligence algorithm running on real-time data in neurosurgery: illustrative case**

Sozer A., Borçek A. Ö., Sagiroglu Ş., Poshtkouh A., Demirtas Z., Karaaslan M. M., Kuzucu P., Celtikci E.

Journal of Neurosurgery: Case Lessons, vol.5, no.19, 2023 (Scopus)

- VI. **Privacy Issues in Magnetic Resonance Images**
Kapkıç M., Sağiroğlu Ş.
INTERNATIONAL JOURNAL OF INFORMATION SECURITY SCIENCE, vol.12, no.1, pp.21-31, 2023 (Peer-Reviewed Journal)
- VII. **PToPI: A Comprehensive Review, Analysis, and Knowledge Representation of Binary Classification Performance Measures/Metrics**
CANBEK G., TAŞKAYA TEMİZEL T., SAĞIROĞLU Ş.
SN Computer Science, vol.4, no.13, pp.1-30, 2023 (Scopus)
- VIII. **Methods of Explainable Artificial Intelligence, Trustworthy Artificial Intelligence and Interpretable Machine Learning in Renewable Energy**
Ersöz B., Sağiroğlu Ş., Bülbül H. İ.
International Journal of Smart Grid - ijSmartGrid, vol.12, no.4, pp.136-143, 2022 (ESCI)
- IX. **A New Anonymization Model for Privacy Preserving Data Publishing: CANON**
Sağiroğlu Ş.
Balkan Journal of Electrical and Computer Engineering, vol.202210330731630.072022, no.10, pp.307-316, 2022 (Peer-Reviewed Journal)
- X. **Telecom fraud detection with big data analytics**
Sinanç Terzi D., Sağiroğlu Ş., Kılınç H.
Int. J. Data Science, vol.6, no.3, pp.191-203, 2021 (Peer-Reviewed Journal)
- XI. **Explainable Credit Card Fraud Detection with Image Conversion**
SİNANÇ TERZİ D., Demirezen U., SAĞIROĞLU Ş.
ADCAIJ-ADVANCES IN DISTRIBUTED COMPUTING AND ARTIFICIAL INTELLIGENCE JOURNAL, vol.10, no.1, pp.63-76, 2021 (ESCI)
- XII. **Yörünge Verisi Yayınlamada Mahremiyet Duyarlı Yeni Bir Model Önerisi ve Uygulaması**
Akn M., Canbay Y., Sağiroğlu Ş.
Journal of Polytechnic, vol.24, no.3, pp.1275-1286, 2021 (ESCI)
- XIII. **Conceptual Model Suggestions for Privacy Preserving Big Data Publishing**
Canbay Y., Vural Y., SAĞIROĞLU Ş.
JOURNAL OF POLYTECHNIC-POLITEKNİK DERGİSİ, vol.23, no.3, pp.785-798, 2020 (ESCI)
- XIV. **Derin Öğrenmede Diferansiyel Mahremiyet**
CANBAY Y., SAĞIROĞLU Ş.
ULUSLARARASI BİLGİ GÜVENLİĞİ MÜHENDİSLİĞİ DERGİSİ, 2020 (Peer-Reviewed Journal)
- XV. **Mahremiyet Korunmalı Büyük Veri Yayınlama İçin Kavramsal Model Önerileri**
CANBAY Y., VURAL Y., SAĞIROĞLU Ş.
Politeknik Dergisi, 2020 (ESCI)
- XVI. **Fingerprint Forensics in Crime Scene: A Computer Science Approach**
Arslan B., Sağiroğlu Ş.
INTERNATIONAL JOURNAL OF INFORMATION SECURITY SCIENCE, vol.8, no.4, pp.88-112, 2019 (Peer-Reviewed Journal)
- XVII. **A New Big Data Model Using Distributed Cluster-Based Resampling for Class-Imbalance Problem**
SİNANÇ TERZİ D., SAĞIROĞLU Ş.
APPLIED COMPUTER SYSTEMS, vol.24, no.2, pp.104-110, 2019 (ESCI)
- XVIII. **Solutions and Suggestions for Smart Grid Threats and Vulnerabilities**
SAĞIROĞLU Ş., CANBAY Y., Colak I.
INTERNATIONAL JOURNAL OF RENEWABLE ENERGY RESEARCH, vol.9, no.4, pp.2053-2063, 2019 (ESCI)
- XIX. **Siber Terör ve DDoS**
ATASEVER S., ÖZÇELİK İ., SAĞIROĞLU Ş.
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.23, pp.227-233, 2019 (Peer-Reviewed Journal)
- XX. **YAPAY ZEKA VE BÜYÜK VERİ**
SAĞIROĞLU Ş.

MİMAR VE MÜHENDİS DERGİSİ, vol.2, no.2019, pp.20-25, 2019 (Non Peer-Reviewed Journal)

- XXI. **Preface Önsöz**
Sağiroğlu Ş.
International Congress on Big Data, Deep Learning and Fighting Cyber Terrorism, IBIGDELFT 2018 - Proceedings, 2019 (Scopus)
- XXII. **A New Intelligent System for Predicting Gender from Fingerprint**
CEYHAN E. B., SAĞIROĞLU Ş.
Düzce Üniversitesi Bilim ve Teknoloji Dergisi, vol.7, no.1, pp.677-688, 2019 (Peer-Reviewed Journal)
- XXIII. **Virtual Security Functions and Their Placement in Software Defined Networks: A Survey**
Demirci M. S., Demirci M., Sağiroğlu Ş.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.32, no.3, pp.833-851, 2019 (Peer-Reviewed Journal)
- XXIV. **BT DENETİMLERİNDE BÜYÜK VERİ YAKLAŞIMLARI**
özdemir i., SAĞIROĞLU Ş.
Gazi Üniversitesi Fen Bilimleri Dergisi Part C: Tasarım ve Teknoloji, vol.6, no.2, pp.470-480, 2018 (Peer-Reviewed Journal)
- XXV. **DRIVER BEHAVIOUR ANALYTICS**
SAĞIROĞLU Ş.
ENCYCLOPEDIA OF BIG DATA, 2018 (ESCI)
- XXVI. **PARMAK İZİ İLE CİNSİYET ARASINDAKİ İLİŞKİ: BİR İNCELEME**
CEYHAN E. B., SAĞIROĞLU Ş.
Bartın Üniversitesi Mühendislik ve Teknoloji Bilimleri Dergisi, vol.6, no.1, pp.54-60, 2018 (Peer-Reviewed Journal)
- XXVII. **Nesnelerin İnternetinin Kişisel, Kurumsal ve Ulusal Bilgi Güvenliği Açısından İncelenmesi**
ÜLKER M., CANBAY Y., SAĞIROĞLU Ş.
Türkiye Bilişim Vakfı Bilgisayar Bilimleri ve Mühendisliği Dergisi, 2017 (Peer-Reviewed Journal)
- XXVIII. **Determining Relationship Between Fingerprint and Gender Using 10 Finger Attributes**
CEYHAN E. B., SAĞIROĞLU Ş.
SAÜ Fen Bilimleri Enstitüsü Dergisi, vol.21, no.4, pp.740-749, 2017 (Peer-Reviewed Journal)
- XXIX. **Analysis of the Relationship Among 10 Fingers in Gender Prediction from Fingerprints**
CEYHAN E. B., SAĞIROĞLU Ş.
Sakarya Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.21, no.4, pp.740-749, 2017 (Peer-Reviewed Journal)
- XXX. **Gelişmiş Sürekli Tehditler / Advanced Persistent Threats**
akın M., SAĞIROĞLU Ş.
TÜRKİYE BİLİŞİM VAKFI BİLGİSAYAR BİLİMLERİ VE MÜHENDİSLİĞİ DERGİSİ, vol.10, no.1, 2017 (Peer-Reviewed Journal)
- XXXI. **Sosyal Ağ Verilerinin Kullanım Alanları Üzerine Kapsamlı Bir İnceleme**
Gündüz M. S., Sağiroğlu Ş.
Gazi Üniversitesi Fen Bilimleri Dergisi Part: C Tasarım ve Teknoloji, vol.5, no.2, pp.1-21, 2017 (Peer-Reviewed Journal)
- XXXII. **Determination of Potential Criminals in Social Network**
Cesur R., Ceyhan E. B., Kermen A., SAĞIROĞLU Ş.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.30, no.1, pp.121-131, 2017 (ESCI)
- XXXIII. **New Comprehensive Taxonomies on Mobile Security and Malware Analysis**
CANBEK G., SAĞIROĞLU Ş., BAYKAL N.
INTERNATIONAL JOURNAL OF INFORMATION SECURITY SCIENCE, vol.5, no.4, pp.106-138, 2016 (Peer-Reviewed Journal)
- XXXIV. **A Review on Biometric Systems Used in Mobile Devices**
ARSLAN B., SAĞIROĞLU Ş.
JOURNAL OF POLYTECHNIC-POLİTEKNİK DERGİSİ, vol.19, no.2, pp.101-114, 2016 (ESCI)
- XXXV. **Literature Review on Cyber Security Investment Decisions**
Sentürk H., ÇİL C. Z., SAĞIROĞLU Ş.
JOURNAL OF POLYTECHNIC-POLİTEKNİK DERGİSİ, vol.19, no.1, pp.39-51, 2016 (ESCI)

- XXXVI. **Mobil Cihazlarda Biyometrik Sistemler Üzerine Bir İnceleme**
ARSLAN B., SAĞIROĞLU Ş.
Politeknik, vol.19, no.2, 2016 (Peer-Reviewed Journal)
- XXXVII. **Evaluations of Big Data Processing**
SİNANÇ D., demirezen u., SAĞIROĞLU Ş.
Services Transactions on Big Data, vol.3, no.1, pp.44-54, 2016 (Peer-Reviewed Journal)
- XXXVIII. **VERİ KAÇAĞI TESPİTİNDE YENİ BİR YAKLAŞIM**
CANBAY Y., SAĞIROĞLU Ş.
Savunma Bilimleri Dergisi, vol.15, no.1, pp.149-177, 2016 (Peer-Reviewed Journal)
- XXXIX. **Ulusal Veritabanı ve Atif İndeksi Kurulumu için Stratejiler, Problemler ve Çözüm Önerileri**
SAĞIROĞLU Ş., DENER M., GÜNEŞ S., GÜLLÜ A., TATAROĞLU A., ORMAN A., SİNANÇ D., TERZİ R., ŞAHİN H., ÇETİNYOKUŞ S., et al.
Gazi Üniversitesi Fen Bilimleri Dergisi Part C: Tasarım ve Teknoloji, vol.3, no.2, pp.501-512, 2015 (Peer-Reviewed Journal)
- XL. **Strategies Problems and Solutions for the Development of National Database and Citation Index**
SAĞIROĞLU Ş., DENER M., GÜNEŞ S., GÜLLÜ A., TATAROĞLU A., ORMAN A., SİNANÇ D., TERZİ R., ŞAHİN H., ÇETİNYOKUŞ S., et al.
Gazi Üniversitesi Fen Bilimleri DergisiPart:C, Tasarım Ve Teknoloji, 2015 (Peer-Reviewed Journal)
- XLI. **Ulusal Veritabanı ve Atif indeksi Kurulumu için Stratejiler Problemler ve Çözüm Önerileri**
SAĞIROĞLU Ş., DENER M., Güneş S., GÜLLÜ A., TATAROĞLU A., ORMAN A., SİNANÇ D., TERZİ R., ŞAHİN H., Çetinyokuş S., et al.
Gazi Üniversitesi Fen Bilimleri Dergisi Part:C Tasarım ve Teknoloji, vol.3, no.2, pp.501-512, 2015 (Peer-Reviewed Journal)
- XLII. **Estimating Turkey s IPv6 Transition Cost**
SAĞIROĞLU Ş., KARACAN H., ALKAN M., HACİÖMEROĞLU M., YAVANOĞLU U.
Gazi University Journal of Polytechnic, vol.17, no.2, pp.15-27, 2014 (Peer-Reviewed Journal)
- XLIII. **Türkiye nin IPv6 ya Geçiş Maliyetinin Öngörülmesi**
SAĞIROĞLU Ş., KARACAN H., ALKAN M., HACİÖMEROĞLU M., YAVANOĞLU U.
Politeknik Dergisi, vol.17, no.2, pp.59-73, 2014 (Peer-Reviewed Journal)
- XLIV. **IPv6'da Güvenlik Açıklarına Genel Bir Bakış**
kartal m., SAĞIROĞLU Ş., BÜLBÜL H. İ.
JOURNAL OF POLYTECHNIC-POLITEKNİK DERGISI, vol.16, no.3, pp.119-127, 2013 (Peer-Reviewed Journal)
- XLV. **An Overview to Security Vulnerabilities for IPV6 Networks**
Kartal M., SAĞIROĞLU Ş., BÜLBÜL H. İ.
JOURNAL OF POLYTECHNIC-POLITEKNİK DERGISI, vol.16, no.3, pp.119-127, 2013 (ESCI)
- XLVI. **Milli Eğitim Bakanlığına Bağlı Okullarda Güvenli İnternet Kullanımı**
Bülbül H. İ., Sağiroğlu Ş., Mert M.
TUBAV BİLİM DERGİSİ, vol.5, no.4, pp.1-12, 2012 (ESCI)
- XLVII. **Intelligent Language Identification and Web based Document Translation System**
YAVANOĞLU U., SAĞIROĞLU Ş.
Erciyes University Journal of Science, vol.28, no.4, pp.329-343, 2012 (Peer-Reviewed Journal)
- XLVIII. **IPv6 Protokolüne Geçiş Maliyet Analiz Çalışması.**
SAĞIROĞLU Ş., ALKAN M., YAVANOĞLU U.
Gazi Üniversitesi Mühendislik Mimarlık Fakültesi Dergisi, 2012 (Peer-Reviewed Journal)
- XLIX. **Social Networking Threats and Precautions**
YAVANOĞLU U., SAĞIROĞLU Ş., ÇOLAK İ.
Gazi University Journal of Polytechnic, vol.15, no.1, pp.15-27, 2012 (Peer-Reviewed Journal)
- L. **Mobil Elektronik İmza, Altyapısı veTürkiye**
ALKAN M., SAĞIROĞLU Ş., KABASAKAL D.
Gazi Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, vol.23, no.1, pp.49-56, 2008 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **PROCEEDINGS OF INTERNATIONAL CONFERENCE ON INFORMATION SECURITY AND CRYPTOLOGY**
Sađırođlu Ő. (Editor)
Institute of Electrical and Electronics Engineers see IEEE Publications, Ankara, 2022
- II. **Büyük Veri ve Yapay Zeka Tabanlı KAPalı Alan Konu Tespiti: iNavi**
Akn M., Yılmaz E., Küçükpehlivan T., Sađırođlu Ő.
in: Yapay Zeka ve Büyük Veri Kitap Serisi 4, Őeref SAđIROđLU; Mustafa Umut DEMİREZEN, Editor, Nobel Akademik Yayıncılık, Ankara, pp.185-209, 2022
- III. **Biyometrik sistemlerde güvenlik: saldırı vektörleri ve savunma yolları**
Güzel Turhan C., Ceyhan E. B., Sađırođlu Ő.
in: , Őeref Sađırođlu, Sedat Akleyek, Editor, Nobel Yayın Dađıtım, Ankara, pp.191-220, 2022
- IV. **2021 International Conference on Information Security and Cryptology (ISCTURKEY)**
Sađırođlu Ő. (Editor)
IEEE Publications , Ankara, 2021
- V. **SİBER GÜVENLİK VE SAVUNMA : BİYOMETRİK VE KRİPTOGRAFİK UYGULAMALAR**
Sađırođlu Ő. (Editor)
Nobel Yayınevi, Ankara, 2020
- VI. **ARTIFICIAL INTELLIGENCE AND BIG DATA : TECHNOLOGIES, APPROACHES AND APPLICATIONS**
Sađırođlu Ő. (Editor)
Nobel Yayınevi, Ankara, 2020
- VII. **DİJİTAL OKURYAZARLIK : ARAÇLAR METODOLOJİLER UYGULAMALAR VE ÖNERİLER**
Sađırođlu Ő., Bülbül H. İ., Küçükali M., Kılıç A.
Nobel Yayınevi, Ankara, 2020
- VIII. **Yapay Zekâ ve Büyük Veri: Teknolojiler, Yaklaşımlar ve Uygulamalar**
SAđIROđLU Ő., DEMİREZEN M. U.
NOBEL, Ankara, 2020
- IX. **PROCEEDINGS OF 13TH INTERNATIONAL CONFERENCE ON INFORMATION SECURITY AND CRYPTOLOGY**
AKLEYEK S., SAđIROđLU Ő., CANBAY Y., ÖZBUDAK F.
IEEE, New York, 2020
- X. **Dijital Okuryazarlık ve Ötesi**
Sađırođlu Ő., Bülbül H. İ., Küçükali M., Kılıç A.
in: Dijital Okuryazarlık: Araçlar, Metodolojiler, Uygulamalar ve Öneriler, Őeref Sađırođlu, Ahmet Kılıç, Mustafa Küçükali, Halil İbrahim Bülbül, Editor, Nobel Yayınevi, Ankara, pp.1-46, 2020
- XI. **Büyük Veri ve Yapay Zekâ Uygulamalarında Mahremiyet ve Etik**
CANBAY Y., SAđIROđLU Ő.
in: Yapay Zekâ ve Büyük Veri: Teknolojiler, Yaklaşımlar ve Uygulamalar, ŐEREF SAđIROđLU, MUSTAFA Umut DEMİREZEN, Editor, Nobel, Ankara, pp.157-186, 2020
- XII. **YAPAY ZEKA VE ÖTESİ**
SAđIROđLU Ő.
in: Yapay Zekâ ve Büyük Veri: Teknolojiler, Yaklaşımlar ve Uygulamalar, SAđIROđLU ŐEREF, DEMİREZEN MUSTAFA Umut, Editor, NOBEL YAYIN, Ankara, pp.1-60, 2020
- XIII. **SİBER TEHDİTLERDE SON NOKTA:İLERİ DÜZEY KALICI TEHDİTLER**
SAđIROđLU Ő., AKIN M.
in: SİBER GÜVENLİK VE SAVUNMA : PROBLEMLER VE ÇÖZÜMLER, ŐEREF SAđIROđLU, MUSTAFA ŐENOL, Editor, GRAFİKER, Ankara, pp.413-431, 2020
- XIV. **Ađ ANOMALİ TESPİTİNDE MAKİNE ÖĞRENMESİ ALGORİTMALARININ KULLANILMASI VE SINIFLANDIRILMASI İÇİN BİR UYGULAMA ÖRNEđİ**
GÜLER H., SAđIROđLU Ő.
in: SİBER GÜVENLİK VE SAVUNMA : BİYOMETRİK VE KRİPTOGRAFİK UYGULAMALAR, SAđIROđLU ŐEREF,

DEMİREZEN MUSTAFA UMUT, Editor, NOBEL YAYIN, Ankara, pp.257-294, 2020

- XV. **BİYOMETRİDE YENİ NESİL DAVRANIŞ MODELLEME YAKLAŞIMLARI RİSKLER VE ÖNERİLER** □□□
ARSLAN B., AKSOY Ç., SAĞIROĞLU Ş.
in: SİBER GÜVENLİK VE SAVUNMA : BİYOMETRİK VE KRİPTOGRAFİK UYGULAMALAR, ŞEREF SAĞIROĞLU,
MUSTAFA UMUT DEMİREZEN, Editor, NOBEL YAYIN, Ankara, pp.205-232, 2020
- XVI. **CYBER SECURITY AND DEFENCE : STANDARDS AND APPLICATIONS**
Sağiroğlu Ş. (Editor)
Grafiker Yayınları, Ankara, 2019
- XVII. **SİBER GÜVENLİK VE SAVUNMA : PROBLEMLER ÇÖZÜMLER**
Sağiroğlu Ş. (Editor)
Grafiker Yayınları, Ankara, 2019
- XVIII. **SİBER GÜVENLİK VE ÖTESİ**
SAĞIROĞLU Ş.
in: SİBER GÜVENLİK VE SAVUNMA : PROBLEMLER VE ÇÖZÜMLER, ŞEREF SAĞIROĞLU, MUSTAFA ŞENOL, Editor,
GRAFİKER, Ankara, pp.25-58, 2019
- XIX. **SİBER GÜVENLİK VE SAVUNMA : FARKINDALIK VE CAYDIRICILIK**
Sağiroğlu Ş. (Editor)
Grafiker Yayınları, Ankara, 2018
- XX. **SİBER GÜVENLİK FARKINDALIĞI, ÖNEMİ VE YAPILMASI GEREKENLER**
SAĞIROĞLU Ş., EROL S. E.
in: Siber Güvenlik ve Savunma Farkındalık ve Caydırıcılık, ŞEREF SAĞIROĞLU, MUSTAFA ALKAN, Editor, GRAFİKER
YAYINEVİ, pp.105-144, 2018
- XXI. **SİBER GÜVENLİK İÇİN BÜYÜK VERİ YAKLAŞIMLAR**
SAĞIROĞLU Ş.
in: SİBER GÜVENLİKTE BÜYÜK VERİ VE AÇIK VERİ KULLANIMI, ŞEREF SAĞIROĞLU, Editor, GRAFİKER YAYINEVİ,
Ankara, pp.165-180, 2018
- XXII. **SİBER GÜVENLİK İÇİN BÜYÜK VERİ YAKLAŞIMLARI**
Sağiroğlu Ş., Sinanç D.
in: Siber Güvenlik ve Savunma Farkındalık ve Caydırıcılık, ŞEREF SAĞIROĞLU, MUSTAFA ALKAN, Editor, GRAFİKER
YAYINEVİ, Ankara, pp.375-384, 2018
- XXIII. **SİBER GÜVENLİK VE SAVUNMA: ÖNEM, TANIMLAR, UNSURLAR VE ÖNLEMLER**
Sağiroğlu Ş.
in: Siber Güvenlik ve Savunma Farkındalık ve Caydırıcılık, ŞEREF SAĞIROĞLU, MUSTAFA ALKAN, Editor, GRAFİKER
YAYINEVİ, Ankara, pp.21-48, 2018
- XXIV. **BÜYÜK VERİ VE AÇIK VERİ ANALİTİĞİ: YÖNTEMLER VE UYGULAMALAR**
Sağiroğlu Ş. (Editor)
Grafiker Yayınları, Ankara, 2017
- XXV. **MOBİL İLETİŞİM SEKTÖRÜNDE BÜYÜK VERİ VE UYGULAMA ÖRNEKLERİ**
SİNANÇ D., SAĞIROĞLU Ş.
in: BÜYÜK VERİ VE AÇIK VERİ ANALİTİĞİ : YÖNTEMLER VE UYGULAMALAR, Şeref Sağiroğlu, Orhan Koç, Editor,
Grafiker Yayınları, pp.301-312, 2017
- XXVI. **Proceedings of 9th InternAtional Conference on Information Security and Cryptology (ISCTurkey
2016)**
Sağiroğlu Ş. (Editor)
BİLGİ GÜVENLİĞİ DERNEĞİ, Ankara, 2016
- XXVII. **BIG DATA ANALYTICS, SECURITY AND PRIVACY**
Sağiroğlu Ş.
GAZİ ÜNİVERSİTY COMPUTER ENGINEERING DEPARTMENT, Ankara, 2016
- XXVIII. **BÜYÜK VERİ ANALİTİĞİ, GÜVENLİĞİ VE MAHREMİYETİ (BIG DATA ANALYTICS, SECURITY AND
PRIVACY)**
TERZİ R., SİNANÇ D., GÜNDÜZ M. S., ARSLAN B., CANBAY Y., AYAYDIN A., GÖKALP A. B., SAĞIROĞLU Ş.

GAZİ ÜNİVERSİTESİ MF BİLGİSAYAR MÜHENDİSLİĞİ BÖLÜMÜ, Ankara, 2016

- XXIX. **ULUSAL VERİ TABANI VE ATIF İNDEKSİ STRATEJİ RAPORU PROBLEMLER VE ÇÖZÜM ÖNERİLERİ**
SAĞIROĞLU Ş., DENER M., GÜLLÜ A., TATAROĞLU A., ORMAN A., GÜNEŞ S., ŞAHİN H., SİNANÇ D., ÇETİNYOKUŞ S.,
TERZİ R., et al.
FBE, Ankara, 2015
- XXX. **Ulusal Veri Tabanı ve Atif İndeksi Strateji Raporu Problemler ve Çözüm Önerileri**
SAĞIROĞLU Ş., DENER M., GÜLLÜ A., ORMAN A., ŞAHİN H., ASLAN S., SİNANÇ D., TATAROĞLU A., TERZİ R.
Gazi Üniversitesi Fen Bilimleri Enstitüsü, Ankara, 2015
- XXXI. **10. ULUSLARARASI BİLGİ GÜVENLİĞİ VE KRİPTOLOJİ KONFERANSI BİLDİRİ KİTABI**
Sağiroğlu Ş. (Editor)
BİLGİ GÜVENLİĞİ DERNEĞİ, Ankara, 2010
- XXXII. **PROCEEDINGS OF 11th INTERNATIONAL CONFERENCE ON INFORMATION SECURITY AND
CRYPTOLOGY (ISCTURKEY 2018)**
Sağiroğlu Ş. (Editor)
BİLGİ GÜVENLİĞİ DERNEĞİ, Ankara, 2008
- XXXIII. **Proceedings of The Sixth International Conference on Machine Learning and Applications, ICMLA
2007, Cincinnati, USA**
Sağiroğlu Ş. (Editor)
IEEE Publications , New York, 2007
- XXXIV. **Elektronik İmza ve Uygulamaları**
Sağiroğlu Ş.
İstanbul Ticaret Odası, İstanbul, 2007
- XXXV. **Casus Yazılımlar ve Korunma Yöntemleri**
Sağiroğlu Ş., Canbek G.
Seçkin Yayıncılık, Ankara, 2006
- XXXVI. **Her Yönüyle Elektronik İmza e-İmza**
Sağiroğlu Ş., Alkan M.
Grafiker Yayınları, Ankara, 2005
- XXXVII. **Mühendislikte Yapay Zeka Uygulamaları - I : Yapay Sinir Ağları**
Sağiroğlu Ş., Erler M., Beşdok E.
Ufuk Kitabevi, Kayseri, 2003
- XXXVIII. **Etkin Bilişim Teknolojileri Kullanımı**
Sağiroğlu Ş.
Ufuk Kitap, Kayseri, 2001

Refereed Congress / Symposium Publications in Proceedings

- I. **A Review of Explainable Artificial Intelligence**
Al S., Sağiroğlu Ş.
9 th International Conference on Computer Science and Engineering (UBMK 2024), Antalya, Turkey, 26 - 28
October 2024, pp.310-315
- II. **A Review of Explainable Artificial Intelligence in Intrusion Detection Systems**
Al S., Sağiroğlu Ş.
International Conference on Information Security Science 2024, Ankara, Turkey, 16 - 17 October 2024, pp.1-6
- III. **Estimating Smart Grid Stability with Hybrid RNN+LSTM Deep Learning Approach**
Oyucu S., SAĞIROĞLU Ş., AKSÖZ A., Bicer E.
12th International Conference on Smart Grid, icSmartGrid 2024, Hybrid, Setubal, Portugal, 27 - 29 May 2024,
pp.738-741
- IV. **Using LXP for Green Deal: A New Approach**
Ersoz B., BÜLBÜL H. İ., SAĞIROĞLU Ş.

12th IEEE International Conference on Renewable Energy Research and Applications, ICRERA 2023, Oshawa, Canada, 29 August - 01 September 2023, pp.524-529

- V. **A GA-Based CNN Model for Brain Tumors Classification**
Özdem K., Özkaya Ç., Atay Y., Çeltikçi E., Börcek A. Ö., Demirezen U., Sağiroğlu Ş.
7th International Conference on Computer Science and Engineering (UBMK 2022), Diyarbakır, Turkey, 14 - 16 September 2022, pp.1-6
- VI. **A Short Review on Explainable Artificial Intelligence in Renewable Energy and Resources**
Ersoz B., Sağiroğlu Ş., Bülbül H. İ.
11th IEEE International Conference on Renewable Energy Research and Applications, ICRERA 2022, İstanbul, Turkey, 18 - 21 September 2022, pp.247-252
- VII. **A GA-Based CNN Model for Brain Tumor Classification**
Özdem K., Ozkaya C., Atay Y., Çeltikçi E., Börcek A. Ö., Demirezen U., Sağiroğlu Ş.
7th International Conference on Computer Science and Engineering, UBMK 2022, Diyarbakır, Turkey, 14 - 16 September 2022, pp.418-423
- VIII. **Accuracy Barrier (ACCBAR): A novel performance indicator for binary classification**
Canbek G., TAŞKAYA TEMİZEL T., SAĞIROĞLU Ş.
15th International Conference on Information Security and Cryptography, ISCTURKEY 2022, Ankara, Turkey, 19 - 20 October 2022, pp.92-97
- IX. **Improving Performance of Federated Learning based Medical Image Analysis in Non-IID Settings using Image Augmentation**
Çetinkaya A. E., AKIN M., SAĞIROĞLU Ş.
ISC TURKEY 2021, Ankara, Turkey, 2 - 03 December 2021
- X. **A Communication Efficient Federated Learning Approach to Multi Chest Diseases Classification**
Çetinkaya A. E., AKIN M., SAĞIROĞLU Ş.
2021 6th International Conference on Computer Science and Engineering (UBMK), Ankara, Turkey, 15 - 17 September 2021, pp.429-434
- XI. **Optimization of PI based buck-boost converter by particle swarm optimization algorithm**
VADİ S., Gurbuz F. B., SAĞIROĞLU Ş., BAYINDIR R.
9th International Conference on Smart Grid, icSmartGrid 2021, Virtual, Setubal, Portugal, 29 June - 01 July 2021, pp.295-301
- XII. **Cyber Security Issues and Career Opportunities**
SAĞIROĞLU Ş.
<https://www.youtube.com/channel/uczqormyj3jh533ljfxbvjdq>, İstanbul, Turkey, 05 May 2021
- XIII. **An Overview of Machine Learning Based Approaches in DDoS Detection**
ATASEVER S., ÖZÇELİK İ., SAĞIROĞLU Ş.
2020 28th Signal Processing and Communications Applications Conference (SIU), Gaziantep, Turkey, 5 - 07 October 2020, pp.1-4
- XIV. **TasKar: A Research and Education Tool for Calculation and Representation of Binary Classification Performance Instruments**
Canbek G., TAŞKAYA TEMİZEL T., SAĞIROĞLU Ş.
14th International Conference on Information Security and Cryptology, ISCTURKEY 2021, Ankara, Turkey, 2 - 03 December 2021, pp.105-110
- XV. **Sharing Cyber Threat Intelligence and Collaboration Siber Tehdit Bilgisi Paylaimi ve birlii**
Kanca A. M., SAĞIROĞLU Ş.
14th International Conference on Information Security and Cryptology, ISCTURKEY 2021, Ankara, Turkey, 2 - 03 December 2021, pp.167-172
- XVI. **A novel approach to fashion-based analysis and analytics using an intelligent in-store camera system Magaza Ici Akilli Kamera Sistemi ile Moda Temelli Analiz ve Analitik Icin Yeni Bir Yaklaşım**
Pur S. F., SAĞIROĞLU Ş.
5th International Conference on Computer Science and Engineering, UBMK 2020, Diyarbakır, Turkey, 9 - 10 September 2020, pp.146-151

- XVII. Mobile Touchless Fingerprint Acquisition and Enhancement System**
SAĐIROĐLU Ő., Ulker M., ARSLAN B.
2020 IEEE Congress on Evolutionary Computation, CEC 2020, Virtual, Glasgow, United Kingdom, 19 - 24 July 2020
- XVIII. The effects of the smart grid system on the national grids**
ĐOLAK İ., BAYINDIR R., SAĐIROĐLU Ő.
IEEE 8th International Conference on Smart Grid (icSmartGrid'20), Paris, France, 17 - 19 June 2020, pp.122-126
- XIX. A Novel Approach to Fashion-Based Analysis and Analytics Using an Intelligent In-store Camera System**
Pur S. F., SAĐIROĐLU Ő.
5th International Conference on Computer Science and Engineering (UBMK), Diyarbakır, Turkey, 9 - 11 September 2020, pp.146-151
- XX. Büyük Veri Perspektifinden Trafik Tahmini Traffic Prediction Based on Big Data Perspective**
AKIN M., SAĐIROĐLU Ő.
2019 1st International Informatics and Software Engineering Conference (UBMYK), Ankara, Turkey, 6 - 07 November 2019
- XXI. Traffic Flow Forecasting Model with Density Based Clustering Algorithm**
AKIN M., SAĐIROĐLU Ő., DEĐIRMENĐİ A.
2019 1st International Informatics and Software Engineering Conference (UBMYK), Ankara, Turkey, 6 - 07 November 2019
- XXII. BIG DATA ANALYTICS FOR SMART GRID SYSTEMS**
SAĐIROĐLU Ő.
INTERNATIONAL CONFERENCE ON RENEWABLE ENERGY RESEARCH, Brasov, Romania, 3 - 06 November 2019
- XXIII. A Clustering Based Anonymization Model for Big Data**
CANBAY Y., Kalyoncu A., Ercimen M., DoĐan A., SAĐIROĐLU Ő.
2019 4th International Conference on Computer Science and Engineering (UBMK), Samsun, Turkey, 11 - 15 September 2019
- XXIV. A Mondrian-based Utility Optimization Model for Anonymization**
CANBAY Y., SAĐIROĐLU Ő., VURAL Y.
2019 4th International Conference on Computer Science and Engineering (UBMK), Samsun, Turkey, Turkey, 11 - 15 September 2019
- XXV. Fighting with Cyber Terror and Terrorism: Threats and Precautions Siber Terör ve Terörizmle Mücadele: Tehditler ve Önlemler**
SAĐIROĐLU Ő., ARSLAN B.
4th International Conference on Computer Science and Engineering, UBMK 2019, Samsun, Turkey, 11 - 15 September 2019, pp.239-244
- XXVI. 5G, IoT and Big Data in Turkey**
SAĐIROĐLU Ő.
International IEEE Summit on 5G, IoT and Big Data, İstanbul, Turkey, 13 - 14 June 2019
- XXVII. SİBER GÜVENLİK VE ÖTESİ**
SAĐIROĐLU Ő.
14. ULUSLARARASI SAVUNMA SANAYİİ FUARI, İstanbul, Turkey, 03 May 2019
- XXVIII. ÜLKEMİZDE SİBER GÜVENLİK VE SAVUNMA**
SAĐIROĐLU Ő.
TUSAŐ KAZAN MESLEK YÜKSEK OKULU BİLGİ GÜVENLİĐİ ETKİNLİĐİ, Ankara, Turkey, 30 April 2019
- XXIX. Sağlık Verilerine Dayalı Dolandırıcılık ve İstismar Tespitinde Büyük Veri Yaklaşımları**
SAĐIROĐLU Ő.
SaĐlık Bakanlığı TeftiŐ Kurulu BaşkanlıĐı REDES (Risk Esaslı Denetim Sistemi) ÇalıŐtayđ, Ankara, Turkey, 29 April 2019
- XXX. BULUT BİLİŐİME İLİŐKİN GÜNCEL EĐİLİM VE YAKLAŐIMLAR**
SAĐIROĐLU Ő.
BULUT BİLİŐİM VE DOLAŐIM KONFERANSI, Ankara, Turkey, 12 February 2019

- XXXI. **Kişisel Verilerin Korunmasında Dijital Ortam**
SAĞIROĞLU Ş.
VERİ KORUMA GÜNÜ, Ankara, Turkey, 28 January 2019
- XXXII. **Fighting with Cyber Tenor and Terrorism: Threats and Precautions**
SAĞIROĞLU Ş., ARSLAN B.
4th International Conference on Computer Science and Engineering (UBMK), Samsun, Turkey, 11 - 15 September 2019, pp.239-244
- XXXIII. **Farkındalık Yeterlilik Seviyesi Ölçüm Modeli**
EROL S. E., SAĞIROĞLU Ş.
INTERNATIONAL CONGRESS ON BIG DATA DEEP LEARNING AND FIGHTING CYBER TERRORISM, Ankara, Turkey, 3 - 04 December 2018
- XXXIV. **Akıllı Şebekelerde Stratejik Siber Güvenlik Bakışı**
canbek g., SAĞIROĞLU Ş.
INTERNATIONAL SYMPOSIUM ON DIGITAL FORENSICS AND SECURITY, Antalya, Turkey, 22 - 25 May 2018
- XXXV. **CYBER SYSTEMS AND DATA SECURITY**
SAĞIROĞLU Ş.
INTERNATIONAL DATA SCIENCE AND ENGINEERING WORKSHOP, KARABÜK/SAFRANBOLU, Turkey, 11 - 12 May 2018
- XXXVI. **CYBER SECURITY AND BIG DATA ISSUES IN TURKEY**
SAĞIROĞLU Ş.
7th International Conference on Advanced Technologies 2018, Antalya, Turkey, 20 April - 01 May 2018
- XXXVII. **ÜLKEMİZDE SİBER GÜVENLİK VE BÜYÜK VERİ ÇALIŞMALARI**
SAĞIROĞLU Ş.
Orman Yangınlarıyla Mücadele Çalışmalarında Haberleşme ve Yeni Gelişen Teknolojiler 2018, Turkey, 17 - 21 April 2018
- XXXVIII. **ÜLKE SİBER GÜVENLİK VE SAVUNMA KAPASİTESİ VE GAZİ ÜNİVERSİTESİ DENEYİMİ**
SAĞIROĞLU Ş.
1. ODTÜ SİBER GÜVENLİK ÇALIŞTAYI, BİLKENT OTEL, ANKARA, Ankara, Turkey, 5 - 06 April 2018
- XXXIX. **NİTELİKLİ İNSAN KAYNAĞI**
SAĞIROĞLU Ş.
SİBER GÜVENLİK EKOSİSTEMİ GELİŞTİRME ZİRVESİ, Ankara, Turkey, 13 February 2018
- XL. **A New Model for PAYD Based on Driver Behavior Analytics**
Terzi R., Tosun M., SAĞIROĞLU Ş.
3rd International Conference on Computer Science and Engineering (UBMK), Sarajevo, Bosnia And Herzegovina, 20 - 23 September 2018, pp.552-557
- XLI. **A Study on the Use of Quantum Computers, Risk Assessment and Security Problems**
ARSLAN B., Ulker M., AKLEYLEK S., SAĞIROĞLU Ş.
6th International Symposium on Digital Forensic and Security (ISDFS), Antalya, Turkey, 22 - 25 March 2018, pp.22-27
- XLII. **Awareness Qualification Level Measurement Model**
Erol S. E., SAĞIROĞLU Ş.
International Congress on Big Data, Deep Learning and Fighting Cyber Terrorism (IBIGDELFT), Ankara, Turkey, 3 - 04 December 2018, pp.107-112
- XLIII. **Smart Grid Security Evaluation with a Big Data Use Case**
SİNANÇ TERZİ D., ARSLAN B., SAĞIROĞLU Ş.
12th IEEE International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG), Doha, Qatar, 10 - 12 April 2018
- XLIV. **Software-Defined Networking for Improving Security in Smart Grid Systems**
Demirci M. S., Sağıroğlu Ş.
7th International Conference on Renewable Energy Research and Applications (ICRERA), Paris, France, 14 - 17 October 2018, pp.1021-1026

- XLV. New Techniques in Profiling Big Datasets for Machine Learning with A Concise Review of Android Mobile Malware Datasets**
Canbek G., SAĞIROĞLU Ş., TAŞKAYA TEMİZEL T.
International Congress on Big Data, Deep Learning and Fighting Cyber Terrorism (IBIGDELFT), Ankara, Turkey, 3 - 04 December 2018, pp.117-121
- XLVI. Optimal Placement of Virtual Security Functions to Minimize Energy Consumption**
Demirci M. S., Demirci M., Sağiroğlu Ş.
International Symposium on Networks, Computers and Communications (ISNCC), Rome, Italy, 19 - 21 June 2018
- XLVII. Privacy Preserving Big Data Publishing**
Canbay Y., Vural Y., SAĞIROĞLU Ş.
International Congress on Big Data, Deep Learning and Fighting Cyber Terrorism (IBIGDELFT), Ankara, Turkey, 3 - 04 December 2018, pp.24-29
- XLVIII. Strategic Cyber-Security Perspective in Smart Grids**
Canbek G., SAĞIROĞLU Ş.
6th International Symposium on Digital Forensic and Security (ISDFS), Antalya, Turkey, 22 - 25 March 2018, pp.178-183
- XLIX. Cyber Security Issues in Digital Transformation**
SAĞIROĞLU Ş.
IDITAI 2017, İstanbul, Turkey, 28 December 2017
- L. Evaluation of Fingerprint Enhancement Techniques Used by Crime Scene Investigation**
ÜLKER M., ARSLAN B., SAĞIROĞLU Ş.
10. ULUSLARARASI BİLGİ GÜVENLİĞİ VE KRİPTOLOJİKONFERANSI, 20 - 21 October 2017
- LI. BÜYÜK VERİ TÜRKİYE VE GAZİ ÜNİVERSİTESİ DENEYİMİ**
SAĞIROĞLU Ş.
I. Ulusal Bulut Bilişim ve Büyük Veri Sempozyumu, Antalya, Turkey, 19 - 20 October 2017
- LII. Farklı Açılardan Çocuklar ve Dijital Oyunlar : Panel Başkanı**
SAĞIROĞLU Ş.
ULUSLARARASI ÇOCUK VE BİLGİ GÜVENLİĞİ ETKİNLİKLERİ : DİJİTAL OYUNLAR, Ankara, Turkey, 11 October 2017
- LIII. REKABET STRATEJİLERİ VE YÖNETİŞİMİ BÜYÜK VERİ VE KARAR DESTEK SİSTEMLERİ**
SAĞIROĞLU Ş.
1. KOBİ VE BİLİŞİM KONGRESİ, Ankara, Turkey, 26 September 2017
- LIV. LOJİSTİKTE BÜYÜK VERİ VE UYGULAMALARI**
SAĞIROĞLU Ş.
2. ULUSLARARASI LOJİSTİK VE BİLİŞİM KONFERANSI, Ankara, Turkey, 26 May 2017
- LV. AÇIK VERİLER: BÜYÜK VERİ BÜYÜK ETKİ**
SAĞIROĞLU Ş.
AÇIK VERİ TÜRKİYE KONFERANSI, Ankara, Turkey, 23 May 2017
- LVI. Büyük veri Türkiye**
SAĞIROĞLU Ş.
Açık Veri Türkiye Konferansı, Ankara, Turkey, 23 May 2017
- LVII. Büyük Etki için Büyük Veri**
SAĞIROĞLU Ş.
Türk Keneşi ve Dünya Telekomünikasyon Günü İş Forumu, İstanbul, Turkey, 17 May 2017
- LVIII. BÜYÜK VERİ BÜYÜK ETKİ**
SAĞIROĞLU Ş.
TÜRK KENEŞİ VE DÜNYA TELEKOMÜNİKASYON VE BİLGİ TOPLUMU GÜNÜ ETKİNLİĞİ, İstanbul, Turkey, 17 May 2017
- LIX. Dünyada Siber Suçlar, Tehditler ve Önlemler**
SAĞIROĞLU Ş.
Bilişim Enstitüsü Web Semineri, Turkey, 13 April 2017
- LX. Cyber Security and Defense Research Capabilities**

SAĐIROĐLU Ő.

O.M. Beketov National University of Urban Economy, Kharkiv, Ukraine, 8 - 10 April 2017

- LXI. **Panel ModeratrlĐ**
SAĐIROĐLU Ő.
Byk veri alıŐtayı, Turkey, 08 March 2017
- LXII. **Byk Veri Kavramları ve Kullanım Alanları**
SAĐIROĐLU Ő.
Byk Veri alıŐtayı, Ankara, Turkey, 08 March 2017
- LXIII. **Byk Veri Kavramı ve Kullanım Alanları**
SAĐIROĐLU Ő.
BYK VERİ ALIŐTAYI, Ankara, Turkey, 08 March 2017
- LXIV. **Dnyada ve lkemizde Siber Terr ve Gvenlik**
SAĐIROĐLU Ő.
TBAV KONFERANSLARI, Ankara, Turkey, 22 February 2017
- LXV. **A Turkish Language Based Data Leakage Prevention System**
Canbay Y., Yazici H., SAĐIROĐLU Ő.
5th International Symposium on Digital Forensic and Security (ISDFS), Tirgu Mures, Romania, 26 - 28 April 2017
- LXVI. **Binary Classification Performance Measures/Metrics: A Comprehensive Visualized Roadmap to Gain New Insights**
Canbek G., SAĐIROĐLU Ő., TAŐKAYA TEMİZEL T., Baykal N.
2017 International Conference on Computer Science and Engineering (UBMK), Antalya, Turkey, 5 - 08 October 2017, pp.821-826
- LXVII. **Big Data Analytics for Network Anomaly Detection from Netflow Data**
SİNANÇ TERZİ D., Terzi R., SAĐIROĐLU Ő.
2017 International Conference on Computer Science and Engineering (UBMK), Antalya, Turkey, 5 - 08 October 2017, pp.592-597
- LXVIII. **Clustering and Visualization of Mobile Application Permissions for End Users and Malware Analysts**
Canbek G., BAYKAL N., SAĐIROĐLU Ő.
5th International Symposium on Digital Forensic and Security (ISDFS), Tirgu Mures, Romania, 26 - 28 April 2017
- LXIX. **System Safety of Human Centrifuge and Solving Angular Velocity of Main Arm with Artificial Neural Network**
Cengiz Y., SAĐIROĐLU Ő.
5th International Symposium on Digital Forensic and Security (ISDFS), Tirgu Mures, Romania, 26 - 28 April 2017
- LXX. **Machine Learning Methods Used in Evaluations of Secure Biometric System Components**
ARSLAN B., Ulker M., SAĐIROĐLU Ő.
16th IEEE International Conference on Machine Learning and Applications (ICMLA), Cancun, Mexico, 18 - 21 December 2017, pp.448-453
- LXXI. **Health Care Fraud Detection Methods and New Approaches**
Duman E. A., SAĐIROĐLU Ő.
2017 International Conference on Computer Science and Engineering (UBMK), Antalya, Turkey, 5 - 08 October 2017, pp.839-844
- LXXII. **Big Data Anonymization with Spark**
Canbay Y., SAĐIROĐLU Ő.
2017 International Conference on Computer Science and Engineering (UBMK), Antalya, Turkey, 5 - 08 October 2017, pp.833-838
- LXXIII. **Detection of Mobile Applications Leaking Sensitive Data**
Canbay Y., Ulker M., SAĐIROĐLU Ő.
5th International Symposium on Digital Forensic and Security (ISDFS), Tirgu Mures, Romania, 26 - 28 April 2017
- LXXIV. **Security Perspective of Biometric Recognition and Machine Learning Techniques**
ARSLAN B., yorulmaz e., aka b., SAĐIROĐLU Ő.
ICMLA 2016, 18 - 20 December 2016

- LXXV. **GELİŞMİŞ SÜREKLİ TEHDİTLER**
AKIN M., SAĞIROĞLU Ş.
PROCEEDINGS OF IX. INTERNATIONAL CONFERENCE ON INFORMATION SECURITY AND CRYPTOLOGY, Ankara, Turkey, 26 - 27 October 2016, pp.79-87
- LXXVI. **Ülkemizde Bilgi Güvenliği Mühendisliği**
SAĞIROĞLU Ş.
UBMK 2016, 20 - 23 October 2016
- LXXVII. **Nesnelerin İnternetinin Kurumsal Bilgi Güvenliği Açısından İncelenmesi**
ÜLKER M., CANBAY Y., SAĞIROĞLU Ş.
UBMK2016, 20 - 23 October 2016
- LXXVIII. **Security, privacy and forensics issues on big data and cloud computing**
ayaydn a., SİNANÇ D., SAĞIROĞLU Ş.
International Conference on Computer Science and Engineering, 20 October 2016
- LXXIX. **CYBER SECURITY STUDIES IN TURKEY AND INTERNATIONAL PRACTICES**
SAĞIROĞLU Ş.
CYBER SECURITY, İstanbul, Turkey, 11 - 13 June 2016
- LXXX. **CYBER SECURITY STUDIES AND RESEARCH IN TURKEY**
SAĞIROĞLU Ş.
International Cyber Security Workshop and Certificate Programme, İstanbul, Turkey, 23 - 27 May 2016
- LXXXI. **Enhancing Usability of Educational Adaptive Hypermedia Environments Development of Intelligent Authoring Tools**
KAHRAMAN H. T., ÇOLAK İ., SAĞIROĞLU Ş.
ICITS 2016, 10th International Computer & Instructional Technologies Symposium, 16 - 18 May 2016
- LXXXII. **Novel Adaptive on line Course on Electrical DC motor**
KAHRAMAN H. T., ÇOLAK İ., SAĞIROĞLU Ş.
ICITS 2016, 10th International Computer & Instructional Technologies Symposium, 16 - 18 May 2016
- LXXXIII. **Mobil Cihaz Kullanıcı Davranışlarının Modellenmesi için Yeni Bir Yaklaşım**
SİNANÇ D., SAĞIROĞLU Ş.
4th International Symposium on Digital Forensics and Security, 25 - 27 April 2016
- LXXXIV. **Türkiye de Siber Güvenlik ve Savunma Araştırmaları**
SAĞIROĞLU Ş.
Siber Güvenlik Trkiye'de Siber Güvenlik ve Uluslararası Uygulamalar, 25 April 2016
- LXXXV. **Securing Smart Grid Systems**
SAĞIROĞLU Ş.
2016 International Smart Grid Workshop and Certificate Program (ISGWCP), İstanbul, Turkey, Turkey, 21 - 25 March 2016
- LXXXVI. **Android Malware Analysis Approach Based on Control Flow Graphs and Machine Learning Algorithms**
Atici M. A., SAĞIROĞLU Ş., DOĞRU İ. A.
4th International Symposium on Digital Forensic and Security (ISDFS), Arkansas, United States Of America, 25 - 27 April 2016, pp.26-31
- LXXXVII. **Security Perspective of Biometric Recognition and Machine Learning Techniques**
ARSLAN B., Yorulmaz E., Akca B., SAĞIROĞLU Ş.
15th IEEE International Conference on Machine Learning and Applications (ICMLA), California, United States Of America, 18 - 20 December 2016, pp.492-497
- LXXXVIII. **Big Data Issues in Smart Grid Systems**
SAĞIROĞLU Ş., Terzi R., Canbay Y., Colak I.
5th IEEE International Conference on Renewable Energy Research and Applications (ICRERA), Birmingham, United Kingdom, 20 - 23 November 2016, pp.1007-1012
- LXXXIX. **A Review on Mobile Threats and Machine Learning Based Detection Approaches**
ARSLAN B., Gunduz S., SAĞIROĞLU Ş.

4th International Symposium on Digital Forensic and Security (ISDFS), Arkansas, United States Of America, 25 - 27 April 2016, pp.7-13

- XC. **Multi Time Series and Time Scale Modeling for Wind Speed and Wind Power Forecasting Part II Medium Term and Long Term Application**
Çolak İ., Sağıroğlu Ş., Yeşilbudak M., Kabalcı E., Bülbül H. İ.
4 th INTERNATIONAL CONFERENCE ON RENEWABLE ENERGY RESEARCH AND APPLICATIONS, Palermo, Italy, 22 - 25 November 2015, pp.215-220
- XCII. **Biyometrik Sistemlerde Güvenlik Üzerine Bir İnceleme**
GÜZEL TURHAN C., CEYHAN E. B., SAĞIROĞLU Ş.
VIII.Bilgi Güvenliği ve Kriptoloji Konferansı, 30 - 31 October 2015
- XCIII. **E postalarda Adli Bilişim ve Karşı Adli Bilişim Teknikleri**
Rifat M., CEYHAN E. B., SAĞIROĞLU Ş.
Uluslararası Bilgi Güvenliği ve Kriptoloji Konferansı, 30 - 31 October 2015
- XCIV. **Teknolojinin Casuslukta Kullanılması ve Karşı Önlemler**
Oğuz S., CEYHAN E. B., SAĞIROĞLU Ş.
Uluslararası Bilgi Güvenliği ve Kriptoloji Konferansı, 30 - 31 October 2015
- XCV. **Bilgi Hasatlaması Yöntemleri ve Kişisel Bilgi Hasatlaması**
turan c., CEYHAN E. B., SAĞIROĞLU Ş.
Uluslararası Bilgi Güvenliği ve Kriptoloji Konferansı, 30 - 31 October 2015
- XCVI. **Bulut Bilişimin Kurumsal Zorlukları ve Çözüm Önerileri**
İNAĞ Y., CEYHAN E. B., SAĞIROĞLU Ş.
Uluslararası Bilgi Güvenliği ve Kriptoloji Konferansı, 30 - 31 October 2015
- XCVII. **Parmak İzinden Cinsiyet Tanıma Yeni Bir Veritabanı ile Test**
CEYHAN E. B., SAĞIROĞLU Ş.
Uluslararası Bilgi Güvenliği ve Kriptoloji Konferansı, 30 - 31 October 2015
- XCVIII. **Kurumsal Eposta Sınıflandırma ve Değerlendirme Sistemi**
Yıldız A., CEYHAN E. B., SAĞIROĞLU Ş.
Uluslararası Bilgi Güvenliği ve Kriptoloji Konferansı, 30 - 31 October 2015
- XCIX. **Kişisel Kurumsal ve Ulusal Bilgi Güvenliği Farkındalığı Üzerine Bir İnceleme**
S E E., CEYHAN E. B., SAĞIROĞLU Ş.
Uluslararası Bilgi Güvenliği ve Kriptoloji Konferansı, 30 - 31 October 2015
- C. **Detecting Remote to Local User Attacks with High Ratio**
Mehmet Ali A., DOĞRU İ. A., SAĞIROĞLU Ş.
3. Uluslararası Adli Bilişim ve Güvenlik Sempozyumu (ISDFS), Ankara, Turkey, 11 - 12 May 2015
- C. **Web Uygulama Güvenliği Açıklıkları ve Güvenlik Çözümleri Üzerine Bir Araştırma**
Aydoğdu D., GÜNDÜZ M. S., SAĞIROĞLU Ş.
3rd International Symposium on Digital Forensics and Security, 11 - 12 May 2015
- CI. **Güncel Mobil Tehditler ve Alınması Gereken Önlemler**
Arslan B., Gündüz M. S., Sağıroğlu Ş.
3rd International Symposium on Digital Forensics and Security, Ankara, Turkey, 11 - 12 May 2015
- CII. **Gender inference within Turkish population by using only fingerprint feature vectors**
Ceyhan E. B., SAĞIROĞLU Ş.
2014 IEEE Symposium Series on Computational Intelligence, IEEE SSCI 2014 - 2014 IEEE Symposium on Computational Intelligence in Biometrics and Identity Management, CIBIM 2014, Florida, United States Of America, 9 - 12 December 2014, pp.146-150
- CIII. **A Hybrid Method for Intrusion Detection**
Canbay Y., SAĞIROĞLU Ş.
IEEE 14th International Conference on Machine Learning and Applications ICMLA, Florida, United States Of America, 9 - 11 December 2015, pp.156-161
- CIV. **A Survey on Security and Privacy Issues in Big Data**
SİNANÇ TERZİ D., Terzi R., SAĞIROĞLU Ş.

10th International Conference for Internet Technology and Secured Transactions (ICITST), London, Canada, 14 - 16 December 2015, pp.202-207

- CV. **Multi-Time Series and -Time Scale Modeling for Wind Speed and Wind Power Forecasting Part II: Medium-Term and Long-Term Applications**
Colak I., SAĞIROĞLU Ş., YEŞİLBUDAK M., KABALCI E., BÜLBÜL H. İ.
4th International Conference on Renewable Energy Research and Applications (ICRERA), Palermo, Italy, 22 - 25 November 2015, pp.215-220
- CVI. **Multi-Time Series and -Time Scale Modeling for Wind Speed and Wind Power Forecasting Part I: Statistical Methods, Very Short-Term and Short-Term Applications**
Colak I., SAĞIROĞLU Ş., YEŞİLBUDAK M., KABALCI E., BÜLBÜL H. İ.
4th International Conference on Renewable Energy Research and Applications (ICRERA), Palermo, Italy, 22 - 25 November 2015, pp.209-214
- CVII. **A Case Study on Intellectual and Industrial Property Rights in Turkey**
YAVANOĞLU U., ÖZBİLEN A., SEYREK C., ÇAĞLAR B., SAĞIROĞLU Ş.
The 2nd International Symposium on Digital Forensics and Security (ISDFS), Houston, United States Of America, 12 - 13 May 2014, vol.1, pp.1-5
- CVIII. **Investigating sentimental relation between social media presence and academic success of Turkish Universities**
Gunduz S., Demirhan F., SAĞIROĞLU Ş.
13th International Conference on Machine Learning and Applications (ICMLA), Michigan, United States Of America, 3 - 06 December 2014, pp.574-579
- CIX. **Age Estimation from Fingerprints: Examination of the Population in Turkey**
Ceyhan E. B., SAĞIROĞLU Ş., Tatoglu S., Atagun E.
13th International Conference on Machine Learning and Applications (ICMLA), Michigan, United States Of America, 3 - 06 December 2014, pp.478-481
- CX. **An Intelligent Feedback Control Mechanism for Brushless DC Motors**
SİNANÇ TERZİ D., Sahin M., Esen Z., YAVANOĞLU U., SAĞIROĞLU Ş.
16th International Power Electronics and Motion Control Conference and Exposition (PEMC), Antalya, Turkey, 21 - 24 September 2014, pp.939-944
- CXI. **Automatic Gender Classification System From Finger 2D:4D Ratio and Comparison of Successes with Using Different Algorithm**
Ceyhan E. B., SAĞIROĞLU Ş., Cesur R., Oner K.
13th International Conference on Machine Learning and Applications (ICMLA), Michigan, United States Of America, 3 - 06 December 2014, pp.600-605
- CXII. **A Review on Cloud Security**
SİNANÇ D., SAĞIROĞLU Ş.
The 6th International Conference on Security of Information and Networks, Aksaray, Turkey, 26 - 28 November 2013, pp.321-325
- CXIII. **Very short term pitch angle optimization in wind turbines: A machine learning approach**
Yesilbudak M., Kabalci E., SAĞIROĞLU Ş., Colak I.
2013 4th International Conference on Power Engineering, Energy and Electrical Drives, POWERENG 2013, İstanbul, Turkey, 13 - 17 May 2013, pp.886-889
- CXIV. **A Novel Approach on Extracting Forensic Information from Location Based Social Networks**
Yavanoğlu U., Gündüz M. S., Sağıroğlu Ş.
1st International Symposium on Digital Forensics and Security (ISDFS'13), Elazığ, Turkey, 20 - 21 May 2013
- CXV. **A new Secure CAPTCHA Methodology for Touch Screen aided Smart Devices**
YAVANOĞLU U., KARABEY I., YILMAZ N., NECEFOV J., SAĞIROĞLU Ş.
1th International Symposium on Digital Forensics and Security, Turkey, 20 - 21 May 2013
- CXVI. **A New Approach on Digital Forensic Evidences from Social Networks**
YAVANOĞLU U., GÜNDÜZ M. S., SAĞIROĞLU Ş.
1th International Symposium on Digital Forensics and Security, Turkey, 20 - 21 May 2013

- CXVII. **Predicting next location of Twitter users for surveillance**
Gunduz S., YAVANOĞLU U., SAĞIROĞLU Ş.
12th International Conference on Machine Learning and Applications (ICMLA), Florida, United States Of America, 4 - 07 December 2013, pp.267-273
- CXVIII. **Statistical Gender Analysis Based on Fingerprint Ridge Density**
Ceyhan E. B., SAĞIROĞLU Ş., Akyil M. E.
21st Signal Processing and Communications Applications Conference (SIU), CYPRUS, 24 - 26 April 2013
- CXIX. **Big Data: A Review**
SAĞIROĞLU Ş., SİNANÇ TERZİ D.
International Conference on Collaboration Technologies and Systems (CTS), California, United States Of America, 20 - 24 May 2013, pp.42-47
- CXX. **Intelligent Approach for Identifying Political Views over Social Networks**
YAVANOĞLU U., Colak M., Caglar B., Cakir S., Milletsever O., SAĞIROĞLU Ş.
12th International Conference on Machine Learning and Applications (ICMLA), Florida, United States Of America, 4 - 07 December 2013, pp.281-287
- CXXI. **Monitoring the quality of electrical energy and improving it using thyristor controlled reactor**
IRMAK E., Colak I., Sagiroglu Ş., KÖSE A., Kabalci E.
1st International Conference on Renewable Energy Research and Applications, ICRERA 2012, Nagasaki, Japan, 11 - 14 November 2012
- CXXII. **A wind speed forecasting approach based on 2-dimensional input space**
Yesilbudak M., SAĞIROĞLU Ş., Colak I.
1st International Conference on Renewable Energy Research and Applications, ICRERA 2012, Nagasaki, Japan, 11 - 14 November 2012
- CXXIII. **Modeling a permanent magnet synchronous generator used in wind turbine and the realization of voltage control on the model with artificial neural networks**
Colak I., Bulbul H. İ., Sagiroglu Ş., ŞAHİN M.
1st International Conference on Renewable Energy Research and Applications, ICRERA 2012, Nagasaki, Japan, 11 - 14 November 2012
- CXXIV. **5th International Information Security and Cryptology Conference**
YAVANOĞLU U., ÖZDEMİR S., SAĞIROĞLU Ş.
5th International Information Security and Cryptology Conference, Turkey, 17 - 18 May 2012, pp.3-10
- CXXV. **Vulnerabilities and Measures on Smart Grid Application in Renewable Energy**
SAĞIROĞLU Ş., Ozbilen A., Colak I.
1st International Conference on Renewable Energy Research and Applications (ICRERA), Nagasaki, Japan, 11 - 14 November 2012
- CXXVI. **An Application Based on Steganography**
Karaman H. B., Sagiroglu Ş.
IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining, İstanbul, Turkey, 26 - 29 August 2012, pp.839-843
- CXXVII. **Prediction of Solar Radiation Using Meteorological Data**
DEMİRTAŞ M., Yesilbudak M., Sagiroglu Ş., Colak I.
1st International Conference on Renewable Energy Research and Applications (ICRERA), Nagasaki, Japan, 11 - 14 November 2012
- CXXVIII. **A Web Based Face Counter Prediction System from Only Fingerprints**
SAĞIROĞLU Ş., YAVANOĞLU U.
11th IEEE International Conference on Machine Learning and Applications (ICMLA), Florida, United States Of America, 12 - 15 December 2012, pp.222-226
- CXXIX. **Application of Adaptive Artificial Neural Network Method to Model the Excitation Currents of Synchronous Motors**
BAYINDIR R., Colak I., SAĞIROĞLU Ş., KAHRAMAN H. T.
11th IEEE International Conference on Machine Learning and Applications (ICMLA), Florida, United States Of

- America, 12 - 15 December 2012, pp.498-502
- CXXX. **Excitation Current Forecasting for Reactive Power Compensation in Synchronous Motors: A Data Mining Approach**
BAYINDIR R., YEŞİLBUDAK M., Colak I., SAĞIROĞLU Ş.
11th IEEE International Conference on Machine Learning and Applications (ICMLA), Florida, United States Of America, 12 - 15 December 2012, pp.521-525
- CXXXI. **Remote monitoring of the load characteristics of synchronous generators**
Colak I., Garip I., SAĞIROĞLU Ş., Bayhan S.
3rd IEEE International Conference on Power Engineering, Energy and Electrical Drives, PowerEng2011, Torremolinos, Malaga, Spain, 11 - 13 May 2011
- CXXXII. **An intelligent approach for speed stability analysis of a travelling wave ultrasonic motor based on genetic k-NN algorithm**
Colak I., Yesilbudak M., SAĞIROĞLU Ş., KAHRAMAN H. T.
2011 5th International Conference on Application of Information and Communication Technologies, AICT 2011, Baku, Azerbaijan, 12 - 14 October 2011
- CXXXIII. **An intelligent decision support tool for a travelling wave ultrasonic motor based on k-nearest neighbor algorithm**
SAĞIROĞLU Ş., KAHRAMAN H. T., Yesilbudak M., Colak I.
10th International Conference on Machine Learning and Applications, ICMLA 2011, Honolulu, HI, United States Of America, 18 - 21 December 2011, vol.2, pp.308-312
- CXXXIV. **Ulusal IPv6 Protokol Altyapısı Tasarımı ve Geçiş Projesi: Anket Çalışması**
ALKAN M., SAĞIROĞLU Ş., YAVANOĞLU U.
Ulusal IPv6 Konferansı, Ankara, Turkey, 12 - 13 January 2011
- CXXXV. **IPv4'den IPv6'ya Geçiş İçin Örnek Bir Karar Destek Sistemi Modeli: GEMKAR**
SOYLU M. Y., KIZILKAYA AYDOĞAN E., ÇETİN S., GENCER C., SAĞIROĞLU Ş.
ULUSAL IPv6 KONFERANSI, 12 January 2011, pp.37-41
- CXXXVI. **Country Study On IPv6 Protocol Transition Survey**
SAĞIROĞLU Ş., KARACAN H., ALKAN M., ÜNVER M., ORCAN S., YAVANOĞLU U.
1th National IPv6 Conference, Turkey, 12 - 13 January 2011, pp.19-25
- CXXXVII. **Determining Suitability of Locations for Installation of Solar Power Station Based on Probabilistic Inference**
ÇOLAK İ., SAĞIROĞLU Ş., DEMİRTAŞ M., KAHRAMAN H. T.
2010 Ninth International Conference on Machine Learning and Applications, Washington, DC, USA, United States Of America, 12 - 14 December 2010, pp.714-719
- CXXXVIII. **Development of adaptive and intelligent web-based educational systems**
KAHRAMAN H. T., SAĞIROĞLU Ş., Colak I.
4th International Conference on Application of Information and Communication Technologies, AICT2010, Tashkent, Uzbekistan, 12 - 14 October 2010
- CXXXIX. **Social Networking and Computer Security**
YAVANOĞLU U., SAĞIROĞLU Ş.
4th International Information Security and Cryptology Conference, Turkey, 6 - 07 May 2010, pp.113-117
- CXL. **The design and analysis of a 5-level cascaded voltage source inverter with low THD**
Colak I., KABALCI E., BAYINDIR R., Sagioglu Ş.
2nd International Conference on Power Engineering, Energy and Electrical Drives, POWERENG 2009, Lisbon, Portugal, 18 - 20 March 2009, pp.575-580
- CXLI. **Usage of .NET Platform to Build up Interactive Simulations for Electrical Machines**
IRMAK E., BULUT H., SAĞIROĞLU Ş., Colak I.
35th Annual Conference of the IEEE-Industrial-Electronics-Society, Porto, Portugal, 3 - 05 November 2009, pp.115-118
- CXLII. **Artificial Neural Network Based Automatic Face Parts Prediction System from Only Fingerprints**
Sagioglu Ş., Ozkaya N.

IEEE Workshop on Computational Intelligence in Biometrics - Theory, Algorithms and Applications, Tennessee, United States Of America, 30 March - 02 April 2009, pp.77-79

- CXLIII. **Development of an Intelligent Decision Support System for Determining the Efficiency of Shunt Active Power Filter**
SAĞIROĞLU Ş., BAYINDIR R., KAPLAN O., Kahraman H. T.
8th International Conference on Machine Learning and Applications, Florida, United States Of America, 13 - 15 December 2009, pp.626-628
- CXLIV. **Translating the fingerprints to the faces: A new approach Parmakizinden yüze geçiş: Yeni bir yaklaşım**
Özkaya N., SAĞIROĞLU Ş.
2008 IEEE 16th Signal Processing, Communication and Applications Conference, SIU, Aydın, Turkey, 20 - 22 April 2008
- CXLV. **Predicting Languages of Web documents with Computers**
SAĞIROĞLU Ş., YAVANOĞLU U.
Proceedings of International Scientific Conference on High Technology in Educational System Advancement and Current trends in Teaching Methodology, Turkmenistan, 13 - 14 November 2008
- CXLVI. **Intelligent Face Border Generation System from Fingerprints**
Ozkaya N., Sagioglu Ş.
IEEE International Conference on Fuzzy Systems, Hong Kong, PEOPLES R CHINA, 1 - 06 June 2008, pp.2171-2173
- CXLVII. **A User Modeling Approach to Web Based Adaptive Educational Hypermedia Systems**
Colak I., SAĞIROĞLU Ş., Kahraman H. T.
7th International Conference on Machine Learning and Applications, California, United States Of America, 11 - 13 December 2008, pp.694-695
- CXLVIII. **Artificial neural network based automatic face model generation system from only one fingerprint**
SAĞIROĞLU Ş., Ozkaya N.
3rd IAPR Workshop on Artificial Neural Networks in Pattern Recognition, Paris, France, 2 - 04 July 2008, vol.5064, pp.305-307
- CXLIX. **Intelligent Face Mask Prediction System**
Ozkaya N., Sagioglu Ş.
International Joint Conference on Neural Networks, Hong Kong, PEOPLES R CHINA, 1 - 08 June 2008, pp.3166-3168
- CL. **An intelligent automatic face contour prediction system**
SAĞIROĞLU Ş., Ozkaya N.
21st Conference of the Canadian-Society-for-Computational-Studies-of-Intelligence, Windsor, Canada, 28 - 30 May 2008, vol.5032, pp.246-249
- CLI. **Translating the Fingerprints to the Faces: A New Approach**
Ozkaya N., SAĞIROĞLU Ş.
IEEE 16th Signal Processing and Communications Applications Conference, Aydın, Turkey, 20 - 22 April 2008, pp.180-183
- CLII. **A Web Based Real Time Speed Control Experiment on Ultrasonic Motor for Educational Purposes**
IRMAK E., BAYINDIR R., Colak I., SAĞIROĞLU Ş., BAL G.
International Symposium on Power Electronics, Electrical Drives, Automation and Motion, Ischia, Italy, 11 - 13 June 2008, pp.1451-1452
- CLIII. **Mobil Elektronik İmza: Ülkeler ve Uygulamalar**
ALKAN M., SAĞIROĞLU Ş.
Uluslararası Katılımlı Bilgi Güvenliği ve Kriptoloji Konferansı, ISC Turkey'07, Ankara, Turkey, 13 - 14 December 2007
- CLIV. **Mobil Elektronik İmza: Senaryolar, Uygulamalar, Standartlar ve Ülkeler**
ALKAN M., SAĞIROĞLU Ş.
Uluslararası Katılımlı Bilgi Güvenliği ve Kriptoloji Konferansı, ISC Turkey'07, Ankara, Turkey, 13 - 14 December 2007

- CLV. **Bilgi Güvenliğinin Kurumsal Bazda Uygulanması**
ALKAN M., SAĞIROĞLU Ş.
Uluslararası Katılımlı Bilgi Güvenliği ve Kriptoloji Konferansı, ISC Turkey'07, Ankara, Turkey, 13 - 14 December 2007
- CLVI. **Web-based maze robot learning using fuzzy motion control system**
Yılmaz N., SAĞIROĞLU Ş.
6th International Conference on Machine Learning and Applications, ICMLA 2007, Cincinnati, OH, United States Of America, 13 - 15 December 2007, pp.274-279
- CLVII. **A novel integrated web based learning system for electrical machines education**
Colak I., IRMAK E., DEMİRBAŞ Ş., Sagioglu Ş.
International Conference on Power Engineering, Energy and Electrical Drives, POWERENG 2007, Setúbal, Portugal, 12 - 14 April 2007, pp.265-269
- CLVIII. **Elektronik İmza, Mobil Elektronik İmza ve Dünya Örnekleri kapsamında Çözümsel Yaklaşımlar**
ALKAN M., SAĞIROĞLU Ş.
II. Uluslararası Bilim ve Eğitimde Bilgi ve İletişim Teknolojileri Uygulamaları Konferansı, Baku, Azerbaijan, 1 - 03 November 2007
- CLIX. **A web based adaptive educational system**
Kahraman H. T., Colak I., SAĞIROĞLU Ş.
6th International Conference on Machine Learning and Applications, Ohio, United States Of America, 13 - 15 December 2007, pp.286-287
- CLX. **Web based machine learning for language identification and translation**
SAĞIROĞLU Ş., YAVANOĞLU U., Guven E. N.
6th International Conference on Machine Learning and Applications, Ohio, United States Of America, 13 - 15 December 2007, pp.280-285
- CLXI. **Mobil Elektronik İmza, Altyapısı, ve Türkiye**
ALKAN M., SAĞIROĞLU Ş.
I. Ulusal Elektronik İmza Sempozyumu, Ankara, Turkey, 7 - 08 December 2006
- CLXII. **Elektronik İmzadan Mobil Elektronik İmzaya Geçiş Sürecinde Türkiye**
ALKAN M., SAĞIROĞLU Ş.
I. Ulusal Elektronik İmza Sempozyumu, Ankara, Turkey, 7 - 08 December 2006
- CLXIII. **Web robot learning powered by Bluetooth communication system**
SAĞIROĞLU Ş., YILMAZ N., Wani M. A.
5th International Conference on Machine Learning and Applications, Florida, United States Of America, 14 - 16 December 2006, pp.149-150
- CLXIV. **An intelligent automatic fingerprint recognition system design**
Ozkaya N., SAĞIROĞLU Ş., Wani A.
5th International Conference on Machine Learning and Applications, Florida, United States Of America, 14 - 16 December 2006, pp.231-232
- CLXV. **Neural model for conventional coplanar waveguide sandwiched between two dielectric substrates**
Turkmen M., Yildiz C., Sagioglu Ş.
IEEE International Symposium on Electromagnetic Compatibility (EMC), İstanbul, Turkey, 11 - 16 May 2003, pp.296-299
- CLXVI. **Modelling of the linewidth enhancement factor with neural networks**
Celebi F., Danisman K., Sagioglu Ş.
Physics of Semiconductor Devices, Delhi, India, 11 - 15 December 2001, pp.616-619
- CLXVII. **Membership function optimization of a fuzzy controller using modified tabu search algorithm**
Kaplan A., Ozer S., Sagioglu Ş.
1998 Conference of the North American-Fuzzy-Information-Processing-Society, Florida, United States Of America, 20 - 21 August 1998, pp.64-67
- CLXVIII. **Nonlinear modelling of a switched reluctance drive based on neural networks**
ELMAS Ç., SAĞIROĞLU Ş., ÇOLAK İ., BAL G.

Mediterranean Electrotechnical Conference, 1994, 12 - 14 April 1994

CLXIX. NONLINEAR MODELING OF A SWITCHED RELUCTANCE DRIVE BASED ON NEURAL NETWORKS

ELMAS Ç., SAGIROGLU Ş., COLAK I., BAL G.

7th Mediterranean Electrotechnical Conference (MeleCON 94), Antalya, Turkey, 12 - 14 April 1994, pp.809-812

CLXX. MODELLING OF A NONLINEAR SWITCHED RELUCTANCE DRIVE BASED ON ARTIFICIAL NEURAL NETWORKS

ELMAS Ç., SAGIROGLU Ş., COLAK I., BAL G.

5th International Conference on Power Electronics and Variable-Speed Drives (PEVD94), London, Canada, 26 - 28 October 1994, pp.7-12

Supported Projects

SAĞIROĞLU Ş., KARA A., DEMİRCİ M. S., DENER M., DEMİRCİ M., ATAY Y., Project Supported by Higher Education Institutions, Akıllı Şebekeler için Zeki Siber Güvenlik Çözümleri Geliştirme, 2022 - Continues

Sağiroğlu Ş., Atay Y., Arslan B., Özdem K., Çeltikçi E., Börcek A. Ö., Project Supported by Other Official Institutions, TURKISH BRAIN PROJECT, 2021 - 2023

SAĞIROĞLU Ş., ESAT B. F., ÖLMEZTOPRAK D. K., GÜMÜŞ R., ÖZTÜRK S., ESAT M. B., ÇELİK İ., Project Supported by Higher Education Institutions, YAPAY ZEKA TEMELLİ DÖNER KANAT İNSANSIZ HAVA ARACI TASARIMI, 2021 - 2022

Sağiroğlu Ş., Çiftçi M., AKIN M., TUBITAK Project, Büyük Veri Kullanılarak Yerli Otonom Kapalı Alan Haritalandırma, Yüksek Verimli Konum Tahminleme ve Navigasyon Algoritmalarının Geliştirilmesi, 2020 - 2022

Sağiroğlu Ş., Çiftçi M., AKIN M., TUBITAK Project, Büyük Veri Kullanılarak Yerli Trafik Yoğunluk Haritası, Trafik Tahminleme Algoritmaları ve İleri Düzey Trafik Rotalama Algoritmalarının Geliştirilmesi, 2020 - 2022

SAĞIROĞLU Ş., SİNANÇ TERZİ D., Other International Funding Programs, Ağ ve uygulama seviyesinde büyük veri analitiği ile davranışsal anomali ve kural ihlali tespiti yapan, raporlayan ve güvenlik araçlarını bilgilendiren yeni nesil analiz aracı tasarımı, 2017 - 2018

Sağiroğlu Ş., Bülbül H. İ., Project Supported by Other Private Institutions, SÜRÜCÜ DAVRANIŞI MODELLEME SİSTEMİ, 2017 - 2018

SAĞIROĞLU Ş., Project Supported by Other Private Institutions, SİBER TERÖRLE MÜCADELE TEDBİRLER VE ÖNLEMLER KONFERANSINDA VERİLEN SİBER SALDIRI EĞİTİMLERİ, 2017 - 2017

Sağiroğlu Ş., Bülbül H. İ., Project Supported by Other Private Institutions, BÜYÜK VERİ ANALİTİĞİ İLE SÜRÜCÜ DAVRANIŞI MODELLEME, 2016 - 2017

Sağiroğlu Ş., Project Supported by Higher Education Institutions, Büyük Veri Analitiği ve Güvenliği Altyapı Projesi, 2015 - 2017

SAĞIROĞLU Ş., Project Supported by Other Private Institutions, YAZILIM TABANLI ELEKTRONİK PLATFORMLARI YATEP KULLANARAK GERÇEK PROJE GELİŞTİRME EĞİTİMİ Düşün geliştir üret, 2016 - 2016

SAĞIROĞLU Ş., Project Supported by Other Official Institutions, "Gerçek Bir Problemi Çöz ve Gerçekleştir", 2016 - 2016

SAĞIROĞLU Ş., Project Supported by Other Private Institutions, LİSE ÖĞRENCİLERİNE MOBİL PROGRAMLAMA EĞİTİMİ, 2016 - 2016

SAĞIROĞLU Ş., Project Supported by Higher Education Institutions, BİYOMETRİK VERİLER ARASI İLİŞKİ ANALİZİ, 2013 - 2016

SAĞIROĞLU Ş., Project Supported by Higher Education Institutions, Yalnızca Parmak İzi Bilgileri Kullanılarak Gerçek Zamanlı Cinsiyet Tanıyan Zeki Sistem, 2013 - 2016

SAĞIROĞLU Ş., Project Supported by Higher Education Institutions, TCP/IP TABANLI DAĞITIK ENDÜSTRİYEL SİSTEMLERDE GÜVENLİK VE ÇÖZÜM ÖNERİLERİ, 2011 - 2013

Sağiroğlu Ş., Project Supported by Higher Education Institutions, IPv6 Tabanlı Uzaktan Eğitim Platformu Tasarımı, 2011 - 2012

Sağiroğlu Ş., Gencer C., Yavanoğlu U., Karacan H., TUBITAK Project, National Project on IPv6 Protocol Infrastructure and Transition, 2008 - 2010

Sağiroğlu Ş., Bulut H., Project Supported by Higher Education Institutions, Mobil Ortamlarda Kötücül Yazılımlar ve Karşı Tedbirler Üzerine Uygulama Geliştirme, 2008 - 2009

Patent

Akın M., Değirmenci A., Sönmez B., Türk T., Sağıroğlu Ş., Yılmaz E., Kavak C., Trafik yoğunluk tahmin sistemi ve bunun yöntemi, Patent, CHAPTER G Physics, The Invention Registration Number: TR 2021 012500 B , Standard Registration, 2022

Sağıroğlu Ş., 10 parmaktan herhangi biri temel alınarak yeni bir yaklaşımla parmak izinden cinsiyet tespit eden zeki sistem, Patent, CHAPTER G Physics, The Invention Registration Number: 2019-12-23 , Standard Registration, 2019

Sağıroğlu Ş., MOBİL CİHAZLAR İLE DIŞ ORTAMLARDA UZAK MESAFELERİN ÖLÇÜLEBİLMESİ VE PAYLAŞILAN DURUMUN DOĞRULUĞUNUN SAPTANMASI SİSTEMİ, Patent, CHAPTER G Physics, The Invention Registration Number: 2018/20111 , Standard Registration, 2018

Sağıroğlu Ş., Parmak izinden cinsiyet tanıyan zeki sistem, Patent, CHAPTER G Physics, The Invention Registration Number: 2012 07018 , Standard Registration, 2015

Sağıroğlu Ş., Web ortamında bulunan dokümanların yazı dilinin otomatik olarak tespiti ve içeriğin gerçek zamanlı olarak dönüştürülmesi yöntemi ve sistemi, Patent, CHAPTER G Physics, The Invention Registration Number: 2010 00137 , Standard Registration, 2014

Sağıroğlu Ş., Intelligent system for photorealistic facial composite production from only ... WO WO2016032410A1 Seref SAGIROGLU Sagioglu Seref Priority 2014-08-29 • Filed 2015-08-31 • Published 2016-03-03, Patent, CHAPTER G Physics, The Invention Registration Number: WO 2016/032410 A1 , Standard Registration, 2014

Student Project

R & D Project, DERGİ ÖNERİ SİSTEMİ, Gazi University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey, 2022 - 2023

Activities in Scientific Journals

ULUSLARARASI BİLGİ GÜVENLİĞİ MÜHENDİSLİĞİ DERGİSİ, First Editor, 2014 - Continues

INTERNATIONAL JOURNAL OF INFORMATION SECURITY SCIENCE, First Editor, 2013 - Continues

CyberMag, Editor, 2019 - 2020

TÜBİTAK BİLİM VE TEKNİK DERGİSİ, Publication Committee Member, 2012 - 2012

Memberships / Tasks in Scientific Organizations

ELEKTRİK MÜHENDİSLERİ ODASI ANKARA ŞUBESİ, Chairman, 2022 - Continues, Turkey

IEEE BLOCKCHAIN INITIATIVE TURKEY WORKING GROUP, Country Representative, 2022 - Continues, Turkey

Information Security Association of Turkey, Chairman of the Scientific Committee, 2021 - Continues, Turkey

IPv6 Forum Türkiye, Chairman, 2017 - Continues, Turkey

Geleceği Önemseyenler Derneği, Member, 2013 - Continues, Turkey

IEEE, Member, 2010 - Continues, United States Of America

Türk Bilim Araştırma Vakfı, Member, 1990 - Continues, Turkey

ACM, Member, 2019 - 2020, United States Of America

ISACA Ankara, Board Member, 2017 - 2019, Turkey

Bilgi Güvenliği Derneği, Chairman of the Board, 2007 - 2011, Turkey

Scientific Refereeing

TUBİTAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, ALPATA TEKNOLOJİ YAZILIM VE BİLİŞİM HİZMETLERİ SAN. VE TİC. A.Ş, Turkey, July 2023

TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, TMK MÜHENDİSLİK SANAYİ VE TİCARET LİMİTED ŞİRKETİ, Turkey, May 2023

TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, ONLAYER BİLİŞİM TEKNOLOJİLERİ ANONİM ŞİRKETİ, Turkey, December 2022

TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, KAPASİTE TESİS YÖNETİM HİZMETLERİ A.Ş., Turkey, December 2022

TUBITAK Project, 1501 - Industry R & D Projects Support Program, BTS KURUMSAL BİLİŞİM TEKNOLOJİLERİ A.Ş. , Turkey, November 2022

TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, EGE SİSTEM BİLGİ İŞLEM SİS. YAZ. DAN. HİZ. SAN.TİC. LTD. ŞTİ., Turkey, May 2022

TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, PANATES BİLGİ TEKNOLOJİLERİ A.Ş., Turkey, May 2022

TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, TEKNİK DESTEK GRUBU BİLİMSEL ÖLÇME ARAŞTIRMA DANIŞMANLIK EĞİTİM TERCÜME BİLİŞİM MÜHENDİSLİK VE MAKİNE LTD. ŞTİ., Turkey, May 2022

Scientific Consultations

Türkiye Sağlık Enstitüleri Başkanlığı (TÜSEB), Scientific Consultancy, Gazi University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey, 2022 - Continues

PICUS SECURITY, Scientific Consultancy, Gazi University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey, 2023 - 2024

Picus Security, Scientific Consultancy, Gazi University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey, 2022 - 2023
<https://stamina-project.eu/advisory-board/>, Project Consultancy, Gazi University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey, 2021 - 2023

Cumhurbaşkanlığı Bilim Teknoloji ve Yenilik Politikaları Kurulu, Scientific Consultancy, Gazi University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey, 2021 - 2021

KİŞİSEL VERİLERİ KORUMA KURUMU, Scientific Consultancy, Gazi University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey, 2019 - 2019

BİLGİ TEKNOLOJİLERİ VE İLETİŞİM KURUMU, Scientific Consultancy, Gazi University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey, 2007 - 2009

Tasks In Event Organizations

Sağiroğlu Ş., 16. ULUSLARARASI BİLGİ GÜVENLİĞİ VE KRİPTOLOJİ KONFERANSI (IEEE), Scientific Congress, Ankara, Turkey, Ekim 2023

Sağiroğlu Ş., 2023 IEEE INTERNATIONAL CONFERENCE ON SMART INFORMATION SYSTEMS AND TECHNOLOGIES, Scientific Congress, Astana, Kazakhstan, Mayıs 2023

Sağiroğlu Ş., SİBER VATAN VE SAVUNMA ULUSAL ÇALIŞTAYI, Workshop Organization, Ankara, Turkey, Ekim 2022

Sağiroğlu Ş., 15. ULUSLARARASI BİLGİ GÜVENLİĞİ VE KRİPTOLOJİ KONFERANSI (IEEE), Scientific Congress, Ankara, Turkey, Ekim 2022

Sağiroğlu Ş., Büyük Veri Analitiği, Güvenliği ve Mahremiyeti Ulusal Çalıştayı, Workshop Organization, Ankara, Turkey, Ekim 2022

Sağiroğlu Ş., Workshop Organization, Ankara, Turkey, Eylül 2022

Sağiroğlu Ş., 11TH INTERNATIONAL CONFERENCE ON RENEWABLE ENERGY RESEARCH AND APPLICATIONS / IEEE, Scientific Congress, İstanbul, Turkey, Eylül 2022

Sağiroğlu Ş., 7TH INTERNATIONAL CONFERENCE ON COMPUTER SCIENCE AND ENGINEERING , Scientific Congress, Diyarbakır, Turkey, Eylül 2022

Sağiroğlu Ş., 10TH INTERNATIONAL CONFERENCE ON SMART GRID (IEEE), Scientific Congress, İstanbul, Turkey, Haziran 2022

Sađırođlu Ő., IEEE MELECON 2022, Scientific Congress, Palermo, Italy, Haziran 2022

Sađırođlu Ő., 14TH INTERNATIONAL CONFERENCE ON INFORMATION SECURITY AND CRYPTOLOGY, Scientific Congress, Ankara, Turkey, Aralık 2021

Sađırođlu Ő., 6TH INTERNATIONAL CONFERENCE ON COMPUTER SCIENCE AND ENGINEERING, Scientific Congress, Ankara, Turkey, Eylül 2021

Sađırođlu Ő., 10TH INTERNATIONAL CONFERENCE ON RENEWABLE ENERGY RESOURCES, Scientific Congress, Ankara, Turkey, Nisan 2021

Sađırođlu Ő., 13. INTERNATIONAL CONFERENCE ON INFORMATION SECURITY AND CRYPTOLOGY, Scientific Congress, Ankara, Turkey, Aralık 2020

Scientific Research / Working Group Memberships

Ipv6 Forum, IPV6 FORUM, Belgium, <https://www.ipv6forum.com>, 2018 - Continues

Ieee Task Force Member, Biometrics Of Cıs Isatc, IEEE BIOMETRIC TASK FORCE, United States Of America, <https://ewh.ieee.org/cmte/cistfbistc>, 2006 - Continues

Metrics

Publication: 357

Citation (WoS): 2124

Citation (Scopus): 3944

H-Index (WoS): 23

H-Index (Scopus): 30

Congress and Symposium Activities

8th International Conference Digital Technologies in Education, Science and Industry, Invited Speaker, Almati, Kazakhstan, 2023

12th INTERNATIONAL CONFERENCE ON RENEWABLE ENERGY RESEARCH AND APPLICATIONS, Invited Speaker, Oshawa, Canada, 2023

IEEE ICSmartGrid 2023, Invited Speaker, Paris, France, 2023

2023 IEEE International Conference on Smart Information Systems and Technologies, Invited Speaker, Astana, Kazakhstan, 2023

Invited Talks

III. INTERNATIONAL GENDARMERIE AND COAST ACADEMY SECURITY CONFERENCE : CRIMINALISTICS AND CRIMINOLOGY CONGRESS , Conference, TR Ministry of Interior Gendarmerie and Coast Academy, Turkey, October 2023
Workshop, Gazi Üniversitesi, Turkey, October 2022

Big Data Analytics, Security and Privacy Issues in Smart Energy Systems, Conference, IEEE PEMC 2022 BRASOV-ROMANIA, Romania, September 2022

BIG DATA ANALYTICS, SECURITY AND PRIVACY ISSUES IN SMART ENERGY SYSTEMS, Conference, 11TH INTERNATIONAL CONFERENCE ON RENEWABLE ENERGY RESOURCES AND APPLICATIONS, Turkey, September 2022

Big Data Analytics, Security and Privacy Issues in Smart Energy Systems, Conference, IEEE MELECON 2022 PALERMO/ITALY, Italy, June 2022

icSmartGrid 2021-IEEE/BIG DATA, SECURITY AND PRIVACY IN SMARTGRIDS, Conference, Polytechnic Institute of Setubal / icSAMRTGRID, Portugal, June 2021

WORKSHOP ON ARTIFICIAL INTELLIGENCE AND EDUCATION / PRIVACY BREACHES AND PRESERVING IN ARTIFICIAL

INTELLIGENCE, Conference, Ankara Üniversitesi, Turkey, June 2021

Conference on Overcoming The Risks of Global Banking: Cybersecurity As A Top Priority / ISSUES IN CYBER SECURITY FOR BETTER PROTECTION, Conference, Association of National Development Finance Institutions in Member Countries of the Islamic Development Bank (IDB), Turkey, June 2021

9TH INTERNATIONAL CONFERENCE ON RENEWABLE ENERGY RESEARCH AND APPLICATIONS / BIG DATA AND SECURITY ISSUES IN SMARTGRIDS, Conference, UNIVERSITY OF STRATEGRLAD / ICRERA 2020 IEEE, Turkey, October 2020

20TH IEEE MEDITERRANEAN ELECTROTECHNICAL CONFERENCE IEEE MELECON 2020, Conference, IEEE MELECON 2020, Italy, July 2020

8TH INTERNATIONAL CONFERENCE ON RENEWABLE ENERGY RESEARCH AND APPLICATIONS, Conference, ICRERA , Romania, November 2019

Scholarships

Virtual Learning Communities: Their Role in the development of Knowledge Economy, British Council Seminars, 13-18 Mart 2005, Cardiff, UK., Other International Organizations, 2009 - Continues

ULUSAL AJANS / ACADEMIC VISITING, 2007, Sheffield, UK., Other International Organizations, 2009 - 2009
Tubitak, University, 1997 - 1997

NATO / NATO Summer School on Soft Computing, Manavgat, Antalya, Turkey., University, 1996 - 1996
Erciyes University, University, 1990 - 1994

Awards

Sağiroğlu Ş., GOLD MEDAL, Buluşlar Ve İcatlar Fuarı (İena 2010) , October 2010
Sağiroğlu Ş., BULUŞÇU ÖZEL ÖDÜLÜ, Polonya Patent Ofisi, October 2010

Entrepreneurship Activities

Limited, FUTURETECH, 01 January 2019, Founder Owner

Non Academic Experience

Professional Chamber, CHAMBER OF ELECTRICAL ENGINEERING , ANKARA BRANCH
ELEKTRİK MÜHENDİSLERİ ODASI ANKARA ŞUBESİ

ETSI

FUTURETECH

YÜKSEKÖĞRETİM KURULU BAŞKANLIĞI

YÜKSEKÖĞRETİM KURULU BAŞKANLIĞI

GELECEĞİ ÖNEMSEYENLER DERNEĞİ

BİLGİ GÜVENLİĞİ DERNEĞİ

TÜRK - BİLİM ARAŞTIRMA VAKFI

TÜRK BİLİM ARAŞTIRMA VAKFI (TÜBAV)

CYBERMAG DERGİSİ : BİLGİ GÜVENLİĞİ DERNEĞİ

HAVELSAN

KİŞİSEL VERİLERİ KORUMU KURUMU

Proje Danışmanlığı

NETDATASOFT

ICTERRA

YÜKSEKÖĞRETİM KURULU BAŞKANLIĞI

BAŞARI MOBİLE

TÜRKSAT

KARAKAYA GROUP

TMMOB ELEKTRİK MÜHENDİSLİĞİ ODASI

TÜRKİYE İNTERNET KURULU

BİLGİ GÜVENLİĞİ DERNEĞİ

TEKNOLOJİ BİLGİLENDİRME PLATFORMU

TÜBAV BİLİM DERGİSİ

BİLGİ TEKNOLOJİLERİ VE İLETİŞİM KURUMU

BAŞARI MOBİLE

TÜRK BİLİM ARAŞTIRMA VAKFI BAŞKANI

Uluslararası Arabulucu (Adjudicator) Supply and Instalation of Hardware and Software for 4002 ICT Classrooms in
3000 Basic education Schools, MEB Projects Coordination Center,

CARDIFF UNIVERSITY TURKISH STUDENT SOCIETY / TÜRK ÖĞRENCİ TOPLULUĞU