

Assoc. Prof. GÖKHAN DALKILIÇ

Personal Information

Office Phone: [+90 232 301 7410](tel:+902323017410)

Email: gokhan.dalkilic@deu.edu.tr

Web: <https://avesis.deu.edu.tr/gokhan.dalkilic>

International Researcher IDs

ScholarID: FLvyisMAAAAJ

ORCID: 0000-0002-0130-1716

Publons / Web Of Science ResearcherID: B-8292-2014

ScopusID: 6507121292

Yoksis Researcher ID: 17855

Biography

GOKHAN DALKILIC received the B.Sc. degree in computer engineering from Ege University, Izmir, Turkey, in 1997, the M.Sc. degree in computer science from the University of Southern California, Los Angeles, CA, USA, in 1999, the M.Sc. degree in computer science from the International Computer Institute, Ege University, in 2001, and the Ph.D. degree in computer engineering from Dokuz Eylul University, Izmir, in 2004.

He was a Visiting Lecturer with the University of Central Florida, Orlando, FL, USA, in 2003. He is currently an Associate Professor with the Department of Computer Engineering, Dokuz Eylul University. He has coauthored over 95 articles, 4 books, 1 patent, and submitted three patent applications. His research interests include cryptography, statistical language processing, computer networks, lightweight authentication, and NLP.

Education Information

Doctorate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (Dr), Turkey 2000 - 2004

Postgraduate, Ege University, Fen Bilimleri Enstitüsü, Uluslararası Bilgisayar (YI) (Tezli), Turkey 1997 - 2001

Postgraduate, University of Southern California, The School of Engineering, Computer Science, United States Of America 1999 - 2000

Undergraduate, Ege University, Faculty Of Engineering, Bilgisayar Mühendisliği Bölümü, Turkey 1994 - 1997

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Vocational Training, ISO 27001 Bilgi Güvenliği Yönetim Sistemi Temel Farkındalık Eğitimi, Cansın Caner Keskin, 2022

Occupational Health and Safety, Afet Farkındalık Eğitimi , Cumhurbaşkanlığı İnsan Kaynakları Ofisi, 2021

Vocational Training, İnsan Hakları, Cumhurbaşkanlığı İnsan Kaynakları Ofisi Uzaktan Eğitim Kapısı platformu, 2021

Dissertations

- Doctorate, Applying and comparing smoothing techniques to contemporary printed Turkish, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (Dr), 2004
Postgraduate, Günümüz yazılı Türkçesinin istatistiksel özellikleri ve bir metin sıkıştırma uygulaması, Ege University, Fen Bilimleri Enstitüsü, Uluslararası Bilgisayar (Yl) (Tezli), 2001

Research Areas

Hardware Security, Cryptography, Natural Language Processing

Academic Titles / Tasks

- Associate Professor, Dokuz Eylul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2018 - Continues
Assistant Professor, Dokuz Eylul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2004 - 2018
Lecturer, Dokuz Eylul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2004 - 2004
Lecturer, University of Central Florida, College Of Engineering And Computer Science, Computer Science, 2003 - 2003
Lecturer, Dokuz Eylul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2001 - 2002
Research Assistant, Dokuz Eylul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2000 - 2001

Academic and Administrative Experience

- Büyük Veri Koordinatörlüğü Koordinatörü, Dokuz Eylul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2023 - Continues
Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Dokuz Eylul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2022 - Continues
Bilgi ve İletişim Güvenliği Denetim ekibi danışmanı, Dokuz Eylul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2022 - Continues
Lisans Eğitim Komisyonu üyesi, Dokuz Eylul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2021 - Continues
Head of Department, Dokuz Eylul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2021 - Continues
Bilgi ve İletişim Güvenliği Fakülte Danışmanı, Dokuz Eylul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2021 - Continues
ÇAP/YANDAL Koordinatörü, Dokuz Eylul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2020 - Continues
Yüksek Lisans Eğitim Komisyonu Üyesi, Dokuz Eylul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2022 - 2023
Uygulama ve Araştırma Merkezi Yönetim Kurulu Üyesi, Dokuz Eylul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2020 - 2023
Deputy Head of Department, Dokuz Eylul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2020 - 2023
Bölüm İntibak Komisyonu Başkanı, Dokuz Eylul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2018 - 2022
Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Dokuz Eylul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2017 - 2019
Bölüm Staj Koordinatörü, Dokuz Eylul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2014 - 2016
Deputy Head of Department, Dokuz Eylul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2012 - 2013

Courses

Computer Engineering Design, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022
Senior Project, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018
CRYPTOSYSTEMS AND CRYPTOGRAPHIC PROTOCOLS, Doctorate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009
PhD Thesis, Doctorate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009
M.Sc. Research, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008
NETWORK SECURITY, Undergraduate, 2023 - 2024, 2020 - 2021, 2019 - 2020
INTRODUCTION TO CRYPTOGRAPHY, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020
Ph.D. Seminar, Doctorate, 2021 - 2022, 2020 - 2021, 2019 - 2020
Computer Networks Security, Postgraduate, 2021 - 2022, 2020 - 2021
CONCEPTS OF PROGRAMMING LANGUAGES, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018
COMPUTER ENGINEERING DESIGN, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018
INTRODUCTION TO CRYPTOGRAPHY, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2009 - 2010
NETWORK SECURITY, Undergraduate, 2018 - 2019, 2010 - 2011
NETWORK SERVICES AND APPLICATIONS, Undergraduate, 2017 - 2018
PROJECT BASED LEARNING IV, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010
COMPUTER NETWORKS SECURITY, Postgraduate, 2016 - 2017, 2013 - 2014, 2012 - 2013, 2011 - 2012
CONCEPTS OF PROGRAMMING LANGUAGES, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010
SENIOR PROJECT, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012
UZMANLIK ALANI, Postgraduate, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010
PRINCIPLES OF COMPUTER NETWORKS AND SECURITY, Undergraduate, 2010 - 2011, 2009 - 2010, 2007 - 2008
PROGRAMMING LANGUAGES, Undergraduate, 2008 - 2009
ALGORITHMS AND PROGRAMMING 2, Undergraduate, 2008 - 2009, 2007 - 2008
INTRODUCTION TO NATURAL LANG. PRO., Undergraduate, 2007 - 2008, 2005 - 2006
SENIOR PROJECT, Undergraduate, 2007 - 2008
2. sınıf modülleri, Undergraduate, 2008 - 2009
INTRODUCTION TO CRYPTOGRAPHY, Undergraduate, 2007 - 2008, 2006 - 2007
INTRODUCTION TO COMPUTERS, Undergraduate, 2007 - 2008
CRYPTOSYSTEMS AND CRYPTOGRAPHIC PROTOCOLS, Doctorate, 2007 - 2008, 2006 - 2007
ALGORITHMS AND PROGRAMMING II, Undergraduate, 2006 - 2007
OPERATING SYSTEMS, Undergraduate, 2006 - 2007

Advising Theses

Dalkılıç G., Application of Lightweight Cryptography Techniques in Internet of Things Scenarios, Doctorate, Ö.ŞEKER(Student), Continues
Dalkılıç G., Defending Against Denial of Service Attacks, Postgraduate, T.KALTE(Student), Continues
Dalkılıç G., Kapalı ortama uygun aktivite tespiti için derin öğrenme ile ses analizi, Postgraduate, H.ÖZGEN(Student), 2022
Dağdeviren O., Dalkılıç G., STRATEGIES FOR CONNECTIVITY ISSUES, FAULT TOLERANCE, AND DEVICE AUTHENTICATION IN DRONE NETWORKS, Doctorate, U.CAN(Student), 2022
Dalkılıç G., Internet of things security with blockchain, Postgraduate, H.ALTAŞ(Student), 2022
Dalkılıç G., Privacy in blockchain-based internet of things networks, Postgraduate, Ş.ÖKSÜZER(Student), 2022

ÖZCANHAN M. H., DALKILIÇ G., Increasing Security In Communication Between IoT Devices, Postgraduate, S.YAŞAR(Student), 2021

DALKILIÇ G., Nesnelerin interneti cihazları için blokzinciri tabanlı yetkilendirme modeli, Postgraduate, A.ALTUN(Student), 2019

DALKILIÇ G., WISP ile güvenli veri transferi için random sayı üretici tasarlanması, Postgraduate, C.KÖSEMEN(Student), 2019

DALKILIÇ G., Radyo frekansı ile tanımlamada güvenliğin artırılması, Doctorate, Ö.AYDIN(Student), 2019

Dalkılıç G., Erten Y. M., Density grid based stream clustering algorithm, Doctorate, R.DAOUD(Student), 2019

DALKILIÇ G., Tam teşekkülü sınıfta bir protokol tasarımıyla radyo frekansı ile tanımlama sistemlerinde kimlik doğrulamayı geliştirme, Doctorate, A.KHIDIR(Student), 2018

DALKILIÇ G., Ağ ihlalinin tespiti için modifiye edilmiş istifleme topluluk makine öğrenme tekniği, Doctorate, N.DEMİR(Student), 2018

DALKILIÇ G., Gönderici politikası çerçevesi ile istenmeyen elektronik postaların filtrelenmesi, Doctorate, D.SİPAHİ(Student), 2017

DALKILIÇ G., Yönetsel kararların veri madenciliği kullanılarak desteklenmesi: Türkiye telekomünikasyon sektöründen bulgular, Doctorate, S.SEÇGİN(Student), 2016

DALKILIÇ G., UHF radyo frekansı ile tanımlama etiketlerinde rastgele sayı üretimi, Postgraduate, M.CAN(Student), 2015

DALKILIÇ G., Kablosuz ağlar üzerinden güvenli veri iletimi, Postgraduate, B.ESHMURZAEV(Student), 2012

DALKILIÇ G., Enerji tasarruflu algoritmalar, Postgraduate, C.BEŞEL(Student), 2011

DALKILIÇ G., Türk dilinin karakteristikleri ve yazar tanımı, Postgraduate, F.ÖRÜCÜ(Student), 2009

DALKILIÇ G., En yakın K komşu kümelemesi ile aykırı durumların tespiti, Postgraduate, Y.DOĞAN(Student), 2009

DALKILIÇ G., Gömülü güvenlik duvarı yazılım paketi, Postgraduate, N.DEMİR(Student), 2009

Advising Graduates (Non-Thesis)

Dalkılıç G., Tüketici Elektroniği Ürünlerinde Nesne Yönelimli Kullanıcı Arayüzü ve Gerçekleştirimi, Masters (Non-Thesis), E.KARAGÖZ(Student), 2009

Dalkılıç G., Türkçe için Anlam Belirsizliği Giderme, Masters (Non-Thesis), E.MERT(Student), 2009

Dalkılıç G., Java Kart Teknolojisinin Şifre Korumalı Web Sayfalarına Uyarlanması, Masters (Non-Thesis), M.DURSUN(Student), 2007

Dalkılıç G., Türkçe için Sözlük Algoritması, Masters (Non-Thesis), F.YİĞİT(Student), 2007

Jury Memberships

Doctoral Examination, Doctoral Examination, Dokuz Eylül Üniversitesi, January, 2024

Academic Staff Examination, Academic Staff Examination, Dokuz Eylül Üniversitesi, January, 2024

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, December, 2023

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, December, 2023

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, December, 2023

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, December, 2023

Academic Staff Examination, Academic Staff Examination, Dokuz Eylül Üniversitesi, January, 2023

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, January, 2023

Post Graduate, Post Graduate, Dokuz Eylül Üniversitesi, January, 2023

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi,

January, 2023

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, January, 2023

Doctorate, Doctorate, Ege Üniversitesi, January, 2023

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, January, 2023

Doctoral Examination, Doctoral Examination, Dokuz Eylül Üniversitesi, January, 2023

Post Graduate, Post Graduate, Dokuz Eylül Üniversitesi, December, 2022

Doctorate, Doctorate, İzmir Yüksek Teknoloji Enstitüsü, December, 2022

Doctorate, Doctorate, Ege Üniversitesi, September, 2022

Post Graduate, Post Graduate, Dokuz Eylül Üniversitesi, June, 2022

Doctoral Examination, Doctoral Examination, Dokuz Eylül Üniversitesi, June, 2022

Post Graduate, Post Graduate, Dokuz Eylül Üniversitesi, June, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, June, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, January, 2022

Post Graduate, Post Graduate, Dokuz Eylül Üniversitesi, October, 2019

Published journal articles indexed by SCI, SSCI, and AHCI

I. MARAS: Mutual Authentication and Role-Based Authorization Scheme for Lightweight Internet of Things Applications

Şeker Ö., Dalkılıç G., Çabuk U. C.

SENSORS, vol.23, no.12, 2023 (SCI-Expanded)

II. Performance analysis of lightweight Internet of things devices on blockchain networks

Kosemen C., Dalkılıç G., Oksuzer S.

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.30, no.2, pp.328-343, 2022 (SCI-Expanded)

III. Data immutability and event management via blockchain in the Internet of things

Altas H., Dalkılıç G., Çabuk U. C.

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.30, no.2, pp.450-468, 2022 (SCI-Expanded)

IV. CoMAD: Context-Aware Mutual Authentication Protocol for Drone Networks

Çabuk U. C., Dalkılıç G., Dağdeviren O.

IEEE ACCESS, vol.9, pp.78400-78414, 2021 (SCI-Expanded)

V. DGStream: High quality and efficiency stream clustering algorithm

Ahmed R., Dalkılıç G., Erten Y.

EXPERT SYSTEMS WITH APPLICATIONS, vol.141, 2020 (SCI-Expanded)

VI. A novel grouping proof authentication protocol for lightweight devices: GPAPXR

Aydin O., Dalkılıç G., Kosemen C.

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.28, no.5, pp.3036-3051, 2020 (SCI-Expanded)

VII. Review of different classes of RFID authentication protocols

Ibrahim A., Dalkılıç G.

WIRELESS NETWORKS, vol.25, no.3, pp.961-974, 2019 (SCI-Expanded)

VIII. Security analysis of Hsiang m-coupon protocol

Yıldırım K., Dalkılıç G., Duru N.

JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.34, no.4, pp.1705-1724, 2019 (SCI-Expanded)

- IX. Formally analyzed m-coupon protocol with confirmation code (MCWCC)**
Yildirim K., Dalkılıç G., Duru N.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.27, no.1, pp.484-498, 2019
(SCI-Expanded)
- X. Genetic programming-based pseudorandom number generator for wireless identification and sensing platform**
Kosemen C., Dalkılıç G., Aydin O.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.26, no.5, pp.2500-2511, 2018
(SCI-Expanded)
- XI. Modified stacking ensemble approach to detect network intrusion**
Demir N., Dalkılıç G.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.26, no.1, pp.418-433, 2018
(SCI-Expanded)
- XII. A Decision Support System Using Demographic Issues: A Case Study in Turkey**
Secgin S., Dalkılıç G.
INTERNATIONAL ARAB JOURNAL OF INFORMATION TECHNOLOGY, vol.14, no.3, pp.393-401, 2017 (SCI-Expanded)
- XIII. Spam filtering with sender authentication network**
Dalkılıç G., Sipahi D.
COMPUTER COMMUNICATIONS, vol.98, pp.72-79, 2017 (SCI-Expanded)
- XIV. A random number generator for lightweight authentication protocols: xorshiftR**
Çabuk U. C., Aydin O., Dalkılıç G.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.25, no.6, pp.4818-4828, 2017
(SCI-Expanded)
- XV. An Advanced Encryption Standard Powered Mutual Authentication Protocol Based on Elliptic Curve Cryptography for RFID, Proven on WISP**
Ibrahim A., Dalkılıç G.
JOURNAL OF SENSORS, vol.2017, 2017 (SCI-Expanded)
- XVI. An Ultra-light PRNG Passing Strict Randomness Tests and Suitable for Low Cost Tags**
Özcanhan M. H., Unluturk M. S., Dalkılıç G.
ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING, vol.16, no.3, pp.81-90, 2016 (SCI-Expanded)
- XVII. Detecting spam through their Sender Policy Framework records**
Sipahi D., Dalkılıç G., Özcanhan M. H.
SECURITY AND COMMUNICATION NETWORKS, vol.8, no.18, pp.3555-3563, 2015 (SCI-Expanded)
- XVIII. Improving communication among nurses and patients**
Ünlütürk M. S., Özcanhan M. H., Dalkılıç G.
COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE, vol.120, no.2, pp.102-112, 2015 (SCI-Expanded)
- XIX. Mersenne twister-based RFID authentication protocol**
Özcanhan M. H., Dalkılıç G.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.23, no.1, pp.231-254, 2015
(SCI-Expanded)
- XX. Cryptographically Supported NFC Tags in Medication for Better Inpatient Safety**
Özcanhan M. H., Dalkılıç G., Utku S.
JOURNAL OF MEDICAL SYSTEMS, vol.38, no.8, 2014 (SCI-Expanded)
- XXI. Development of a Turkish Monosyllabic Word Recognition Test for Adults**
Mungan Durankaya S., Serbetcioglu B., Dalkılıç G., Gürkan S., Kirkim G.
JOURNAL OF INTERNATIONAL ADVANCED OTOLOGY, vol.10, no.2, pp.172-180, 2014 (SCI-Expanded)
- XXII. Increasing key space at little extra cost in RFID authentications**
Dalkılıç G., Özcanhan M. H., Cakir H. S.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.22, no.1, pp.155-165, 2014
(SCI-Expanded)
- XXIII. Word-based fixed and flexible list compression**

- Celikel E., Dalkilic M. E., Dalkilic G.
 COMPUTER AND INFORMATION SICENCES - ISCIS 2005, PROCEEDINGS, vol.3733, pp.780-790, 2005 (SCI-Expanded)
- XXIV. Zipf's law and Mandelbrot's constants for Turkish language using Turkish corpus (TurCo)**
 Dalkılıç G., Çebi Y.
 ADVANCES IN INFORMATION SYSTEMS, PROCEEDINGS, vol.3261, pp.273-282, 2004 (SCI-Expanded)
- XXV. On the cryptographic patterns and frequencies in Turkish language**
 Dalkilic M., Dalkilic G.
 ADVANCES IN INFORMATION SYSTEMS, vol.2457, pp.144-153, 2002 (SCI-Expanded)
- XXVI. A 300 MB Turkish corpus and word analysis**
 Dalkılıç G., Çebi Y.
 ADVANCES IN INFORMATION SYSTEMS, vol.2457, pp.205-212, 2002 (SCI-Expanded)

Articles Published in Other Journals

- I. Secure Communication Between Unmanned Aerial Vehicle and Ground Control Station**
 SAVAŞTÜRK P., KUBİLAY İ. A., DALKILIÇ G.
 Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, vol.26, no.77, pp.350-355, 2024 (Peer-Reviewed Journal)
- II. A Physical Tracking of ESP32 IoT Devices with RSSI Based Indoor Position Calculation**
 Şeker Ö., Şahin B., Akdoğan T., Dalkılıç G.
 Journal of Millimeterwave Communication, Optimization and Modelling, vol.4, no.1, pp.13-16, 2024 (Peer-Reviewed Journal)
- III. Authentication with face recognition and sign language using ESP32-CAM**
 Yalçın Z., Türkdağı O., Dalkılıç G., Aydin Ö.
 Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, vol.25, no.74, pp.481-489, 2023 (Peer-Reviewed Journal)
- IV. Performing DoS Attacks on Bluetooth Devices Paired with Google Home Mini**
 Yüksel T., Aydin Ö., Dalkılıç G.
 Celal Bayar Üniversitesi Fen Bilimleri Dergisi, vol.18, no.1, pp.53-58, 2022 (Peer-Reviewed Journal)
- V. AES Encrypted Real-Time Video Stream and Image Transmission from ESP32-CAM**
 Savaştürk P., Aydin Ö., Dalkılıç G.
 Celal Bayar Üniversitesi Fen Bilimleri Dergisi, vol.17, no.4, pp.447-452, 2021 (Peer-Reviewed Journal)
- VI. Elektronik Sağlık Kayıtlarının Veri Tabanında T-SQL ile Şifrelenmesi ve Başarım Deneyleri**
 Dalkılıç G., Karaarslan E.
 Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, vol.20, no.58, pp.52-63, 2018 (Peer-Reviewed Journal)
- VII. Topology Control in Mobile Wireless Sensor Networks**
 Çabuk U. C., Dalkılıç G.
 International Journal of Applied Mathematics, Electronics and Computers, vol.4, no.Special Issue-1, pp.61-65, 2016 (Peer-Reviewed Journal)
- VIII. RADYO FREKANSI İLE TANIMLAMA ETİKETLERİ İÇİN GERÇEK RASTGELE SAYI TABANLI ÜRETEÇ**
 Dalkılıç G.
 Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, vol.18, no.3, pp.640-651, 2016 (Peer-Reviewed Journal)
- IX. How does the community structure affect the customer satisfaction?**
 Secgin S., Dalkılıç G.
 International Journal of Business Excellence, vol.8, no.3, pp.312-323, 2015 (Scopus)
- X. Security Issues of a Recent RFID Multi Tagging Protocol**
 Özcanhan M. H., Baytar S., Utku S., Dalkılıç G.

- INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS, vol.6, no.1, pp.11-15, 2015
(ESCI)
- XI. An Enhanced Lightweight Authentication ELA Protocol for WISP Based RFID Application
Dalkılıç G.
LIFE SCIENCE JOURNAL, vol.11, no.10, pp.878-885, 2014 (Peer-Reviewed Journal)
- XII. Astigmatizma analizinde vektöryel analiz programı
Eğerilmez S., Dalkılıç G., Yağcı A.
TÜRK OFTALMOLOJİ GAZETESİ, vol.33, no.3, pp.404-416, 2003 (Peer-Reviewed Journal)
- XIII. Türkçe Külliyat Oluşturulması ve Türkçe Metinlerde Kullanılan Kelimelerin Uzunluk Dağılımlarının Belirlenmesi
Dalkılıç G., Çebi Y.
Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, vol.5, no.1, pp.1-7, 2003 (Peer-Reviewed Journal)
- XIV. Basılı Türkçenin Önemli Bazı İstatistiksel Özellikleri
Dalkılıç M. E., Dalkılıç G.
İSTATİSTİK ARAŞTIRMA DERGİSİ, vol.1, no.1, pp.113-130, 2002 (Peer-Reviewed Journal)

Books & Book Chapters

- I. Nesnelerin İnterneti için Sözderastsal Sayı Üreteci: Birleştirilmiş Doğrusal Geri Beslemeli Öteleyici Saklayıcı
Aydın Ö., Dalkılıç G.
in: Akıllı Teknoloji ve Akıllı Yönetim, TECİM Vahap, TARHAN Çiğdem, AYDIN Can, Editor, Gülermat Matbaacılık, İzmir, pp.121-129, 2016
- II. Design and Implementation of an Embedded Firewall
Demir N., Dalkılıç G.
LAP LAMBERT Academic Publishing, Almanya, Berlin, 2011
- III. Characteristics of Contemporary Printed Turkish
Örücü F., Dalkılıç G.
LAP LAMBERT Academic Publishing, Almanya, Berlin, 2010
- IV. Bilgisayar1
Dalkılıç G., Gülat K.
DEÜ Mühendislik Fakültesi Basım Ünitesi, İzmir, İzmir, 2002

Refereed Congress / Symposium Publications in Proceedings

- I. Implementation and Performance Analysis of a Multi-Protocol Gateway
Şeker Ö., Dalkılıç G.
2022 Innovations in Intelligent Systems and Applications Conference (ASYU), Antalya, Turkey, 7 - 09 September 2022
- II. Mobile Application That Detects Covid-19 From Cough and Image Using Smartphone Recordings and Machine Learning
Karataş E., Adalı B., Aydın Ö., Dalkılıç G.
2021 Innovations in Intelligent Systems and Applications Conference (ASYU), Elazığ, Turkey, 6 - 08 October 2021, pp.1-5
- III. Indoor Event Detection with Sound Data
Dindar H. Ö., Dalkılıç G.
2021 Innovations in Intelligent Systems and Applications Conference (ASYU), Elazığ, Turkey, 6 - 08 October 2021, pp.1-5

- IV. Tamper Resistance Functions on Internet of Things Devices**
Kösemen C., Dalkılıç G.
2021 Innovations in Intelligent Systems and Applications Conference (ASYU), Elazığ, Turkey, 6 - 08 October 2021, pp.1-5
- V. Enterprise Blockchain-Based Privacy Sharing on Internet of Things Devices**
Öksüzer Ş., Dalkılıç G., Kösemen C.
2021 6th International Conference on Computer Science and Engineering (UBMK), Ankara, Turkey, 15 - 17 September 2021
- VI. Smart Home System Using Internet of Things Devices and Mesh Topology**
Taştan S. İ., Dalkılıç G.
2021 6th International Conference on Computer Science and Engineering (UBMK), Ankara, Turkey, 15 - 17 September 2021, pp.407-412
- VII. Security Vulnerability Assessment of Google Home Connection with an Internet of Things Device**
Çepik H., Aydin Ö., Dalkılıç G.
7th International Conference on Management Information Systems, İzmir, Turkey, 9 - 11 December 2020, vol.74, pp.1-10
- VIII. Consensus Approaches of High-Value Crypto Currencies and Application in SHA-3**
Emeç M., Karatay M., Dalkılıç G., Alkim E.
International Conference on Artificial Intelligence and Applied Mathematics in Engineering (ICAIAME), Antalya, Turkey, 20 - 22 April 2019, vol.43, pp.572-583
- IX. Sidechains: Highlights and Challenges**
Musungate B. N., Candan B., Çabuk U. C., Dalkılıç G.
Innovations in Intelligent Systems and Applications Conference (ASYU), İzmir, Turkey, 31 October - 02 November 2019, pp.236-240
- X. Blockchain Platform for Internet of Things**
Yakut S., Seker Ö., Batur E., Dalkılıç G.
Innovations in Intelligent Systems and Applications Conference (ASYU), İzmir, Turkey, 31 October - 02 November 2019, pp.613-618
- XI. Blockchain Based Confidential Communication and Authorization Model for IoT Devices**
Altun A., Dalkılıç G.
Innovations in Intelligent Systems and Applications Conference (ASYU), İzmir, Turkey, 31 October - 02 November 2019, pp.595-600
- XII. A HYBRID RANDOM NUMBER GENERATOR FOR LIGHTWEIGHT CRYPTOSYSTEMS: XORSIFTLPLUS**
Aydin Ö., Dalkılıç G.
3rd International Conference on Engineering Technology and Applied Sciences, Skopje, Macedonia, 17 - 21 July 2018
- XIII. Authentication in Internet of Things Systems via Mobile Communication Technologies**
Yerlikaya O., Kirac U., Kandemir C. A., Dalkılıç G.
International Conference on Artificial Intelligence and Data Processing (IDAP), Malatya, Turkey, 28 - 30 September 2018
- XIV. A Path Loss Analysis on LTE Radio in Eastern Market Districts**
Çabuk U. C., Dalkılıç G.
International Conference on Artificial Intelligence and Data Processing (IDAP), Malatya, Turkey, 28 - 30 September 2018
- XV. Survey: Running and comparing stream clustering algorithms**
Ahmed R. D., Dalkılıç G., Erten M.
12th Turkish National Software Engineering Symposium, UYMS 2018, İstanbul, Turkey, 10 - 12 September 2018, vol.2201
- XVI. The Pseudorandom Number Generator Generation Method with Genetic Programming for Lightweight Devices**
Kösemen C., Aydin O., Dalkılıç G.

- 3rd International Conference on Computer Science and Engineering (UBMK), Sarajevo, Bosnia And Herzegovina, 20 - 23 September 2018, pp.17-21
- XVII. **Authentication and Authorization Mechanism on Message Queue Telemetry Transport Protocol**
Yerlikaya Ö., Dalkılıç G.
3rd International Conference on Computer Science and Engineering (UBMK), Sarajevo, Bosnia And Herzegovina, 20 - 23 September 2018, pp.145-150
- XVIII. **Towards Secure E-Voting Using Ethereum Blockchain**
Koc A. K., Yavuz E., Çabuk U. C., Dalkılıç G.
6th International Symposium on Digital Forensic and Security (ISDFS), Antalya, Turkey, 22 - 25 March 2018, pp.143-148
- XIX. **Accelerometer and Gyroscope Sensors in Random Number Generation**
Javadifard H., Dalkılıç G.
International Congress on New Trends in Science, Engineering and Technology (ICONTRENDS 2017), Barcelona, Spain, 27 - 29 April 2017, pp.308
- XX. **Designing a random number generator for secure communication with WISP**
Kösemen C., Dalkılıç G.
2017 International Conference on Compute and Data Analysis, ICCDA 2017, Florida, United States Of America, 19 - 23 May 2017, pp.289-292
- XXI. **MP-DDoser/IP-Killer Testing behaviour of IP-Killer DDoS Bot in the DETER testbed**
Kalte T., Dalkılıç G.
5th International Conference on Advanced Technology Sciences (ICAT 2017), İstanbul, Turkey, 9 - 12 May 2017, pp.1-5
- XXII. **Security of Message Queue Telemetry Transport Protocol**
Yerlikaya Ö., Dalkılıç G.
25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017
- XXIII. **Providing Key Diversity for Symmetric Encryption in Ad-Hoc Wireless Networks**
Polat C., Çabuk U. C., Yıldız K., Dalkılıç G.
2017 International Conference on Computer Science and Engineering (UBMK), Antalya, Turkey, 5 - 08 October 2017, pp.298-303
- XXIV. **Topology Control in Mobile Wireless Sensor Networks**
Çabuk U. C., Dalkılıç G.
3rd International Conference on Advanced Technology Sciences (ICAT 2016), Konya, Turkey, 1 - 02 September 2016, pp.286-290
- XXV. **Healthduino Mobil Sağlık İzleme Sistemi**
Rende A., Ayaz M., Dalkılıç G.
Akademik Bilişim, Eskişehir, Turkey, 4 - 06 February 2015, pp.478-482
- XXVI. **Nesnelerin İnterneti için Sözderastsal Sayı Üreteci Birleştirilmiş Doğrusal Geri Beslemeli Öteleyici Saklayıcı**
Aydın Ö., Dalkılıç G.
3rd International Management Information Systems (IMISC), İzmir, Turkey, 6 - 08 October 2016, pp.121-129
- XXVII. **ARTMoS: An RFID Tag Mobility Scheme with IPv6 and DNS**
Çabuk U. C., Jacobsen R. H., Dalkılıç G.
International Symposium on Innovations in Intelligent Systems and Applications (INISTA), Sinaia, Romania, 2 - 05 August 2016
- XXVIII. **A Mobile Healthcare System Based on Body Sensor Networks**
Rende A., Dalkılıç G., Ayaz M., Özcanhan M. H.
2015 International Symposium on INnovations inIntelligent SysTems and Applications, Madrid, Spain, 2 - 04 September 2015, pp.268-274
- XXIX. **Using Base Algorithms Combinatorially in Adaboost Ensemble for Intrusion Detection**
Demir N., Dalkılıç G.
International Conference on Engineering and Natural Science (ICENS 15), Skopje, Macedonia, 15 - 19 May 2015,

- pp.191-198
- XXX. **Distributed Denial of Service Prevention Techniques**
Yarımtepe O., Dalkılıç G., Özcanhan M. H.
International Symposium on Digital Forensics and Security (ISDFS), Ankara, Turkey, 11 - 12 May 2015, pp.24-29
- XXXI. **Akıllı Ambulans Araçlarına Doğru İlk Adımlar RFID Ambulans Varlıklarını Takibi**
Özcanhan M. H., Dalkılıç G., Utku S., Alkım E., Akis S.
Türkiye de İnternet Konferansı (Inet-tr), İzmir, Turkey, 27 - 29 November 2014
- XXXII. **Consequences of Using Weak Functions of Old EPC Global C 1 G 2 Standard for Obscuring Secrets**
Özcanhan M. H., Dalkılıç G., Yarımtepe O.
2014 2nd International Symposium on Digital Forensics and Security (ISDFS), Texas, United States Of America, 12 - 13 May 2014, pp.58-62
- XXXIII. **Hastanelerde Biyomedikal Cihaz Takibi**
Özcanhan M. H., Dalkılıç G., Utku S.
2014 2nd International Symposium on Digital Forensics and Security (ISDFS), Texas, United States Of America, 12 - 13 May 2014, pp.67-72
- XXXIV. **An ultra-light PRNG for RFID tags**
Özcanhan M. H., Dalkılıç G., Gürle M. C.
27th International Symposium on Computer and Information Sciences, ISCIS 2012, Paris, France, 3 - 04 October 2012, pp.231-238
- XXXV. **Is NFC a better option instead of EPC gen-2 in safe medication of inpatients**
Özcanhan M. H., Dalkılıç G., Utku S.
9th International Workshop on Radio Frequency Identification Security and Privacy Issues, RFIDsec 2013, Graz, Austria, 9 - 11 July 2013, pp.19-33
- XXXVI. **Analysis of Two Protocols Using EPC Gen-2 Tags for Safe Inpatient Medication**
Özcanhan M. H., Dalkılıç G., Utku S.
IEEE International Symposium on INnovations in Intelligent SysTems and Applications (INISTA), Bulgaria, 19 - 21 June 2013
- XXXVII. **Spam Gönderme Amacıyla Yapılan SPF Kayıtlarının Belirlenmesi**
Sipahi D., Dalkılıç G.
20th Signal Processing and Communications Applications Conference (SIU), Muğla, Turkey, 18 - 20 April 2012, pp.1-4
- XXXVIII. **Analysis of EAP-FAST Protocol**
Eshmurzaev B., Dalkılıç G.
34th International Conference on Information Technology Interfaces (ITI), Cavtat, Croatia, 25 - 28 June 2012, pp.417-422
- XXXIX. **Anahtar Bağımlı Bir Şifreleme Algoritması IRON**
Demir N., Dalkılıç G.
Akademik Bilişim, Kütahya, Turkey, 31 January - 02 February 2007, pp.611-615
- XL. **Feature selection for author identification using genetic algorithms**
Örücü F., Dalkılıç G.
2011 The 2 nd International Symposium on Computing in Science Engineering (ISCSE), Aydın, Turkey, 1 - 04 June 2011, pp.212-217
- XLI. **Şifreleme Eğitiminde Açık Kaynak Kodlu Araç Kullanımı CrypTool**
Güzel E., Yüksel U., Yılmaz E., Dalkılıç G.
Akademik Bilişim, Muğla, Turkey, 10 - 12 February 2010, vol.2, pp.215-220
- XLII. **IPv6 ve Güvenlik Görsellemelerine Genel bir Bakış**
Yarımtepe O., Dalkılıç G.
National IPv6 Conference, Ankara, Turkey, 12 - 13 January 2011, pp.57-62
- XLIII. **Outlier detection with double-sided control mechanism and different priority weight values for network security**
Doğan Y., Dalkılıç G.

- 2010 2nd WRI World Congress on Software Engineering, WCSE 2010, Wuhan, China, 19 - 20 December 2010,
vol.2, pp.130-133
- XLIV. **Author identification Using N grams and SVM**
Örücü F., Dalkılıç G.
2010 The 1st International Symposium on Computing in Science Engineering (ISCSE), Aydin, Turkey, 3 - 05 June
2010, pp.153-157
- XLV. **DYOP Indexing on Air**
Seçgin S., Dalkılıç G.
2010 The 1st International Symposium on Computing in Science Engineering (ISCSE), Aydin, Turkey, 3 - 05 June
2010, pp.97-103
- XLVI. **Contemporary Turkish Language Characteristics**
Örücü F., Dalkılıç G.
2010 International Symposium on INnovations in Intelligent SysTems and Applications (INISTA), Kayseri, Turkey,
21 - 24 June 2010, pp.361-365
- XLVII. **Source Code Optimization of AES Algorithm**
Beşel C., Dalkılıç G.
2010 4th International Information Security and Cryptology Conference (ISCTurkey), Ankara, Turkey, 6 - 08 May
2010, pp.154-159
- XLVIII. **Turkish Spelling Error Detection and Correction by Using Word N-grams**
Dalkılıç G., Çebi Y.
5th International Conference on Soft Computing, Computing with Words and Perceptions in System Analysis,
Decision and Control, Famagusta, CYPRUS, 2 - 04 September 2009, pp.63-66
- XLIX. **Password Renewal Enhancement for Dynamic Authentication in Wireless Sensor Networks**
Kiani F., Dalkılıç G.
2nd International Conference on Computational Intelligence Communication Systems and Networks (CICSyN),
Liverpool, United Kingdom, 28 - 30 July 2010, pp.143-146
- L. **A simple yet effective spam blocking method**
Dalkılıç G., Sipahi D., Özcanhan M. H.
2nd International Conference on Security of Information and Networks, SIN'09, Famagusta, Cyprus (Gkry), 6 - 10
October 2009, pp.179-185
- LI. **İnternet te Sosyalleşmek**
Karamehmet B., Şenol I., Dalkılıç G.
7. Uluslararası Bilgi, Ekonomi ve Yönetim Kongresi, Yalova, Turkey, 30 October - 01 November 2009, pp.2015-2023
- LII. **Gömülü Sistemlerde Standartlara Dayalı Güvenlik Sağlanması**
Özcanhan M. H., Dalkılıç G., Çakır H. Ş.
III. İstanbul Bilişim Kongresi, İstanbul, Turkey, 29 - 31 May 2009, pp.111-116
- LIII. **Tek Anahtarlı Yeni Bir Şifreleme Algoritması Daha**
Dalkılıç G., Yıldızoğlu G.
Akademik Bilişim, Çanakkale, Turkey, 30 January - 01 February 2008, pp.587-593
- LIV. **Word Sense Disambiguation for Turkish**
Mert E., Dalkılıç G.
24th International Symposium on Computer and Information Sciences, Güzelyurt, Cyprus (Kktc), 14 - 16
September 2009, pp.205-210
- LV. **A Strong Two Way Authentication Method for Low Capacity Solutions**
Dalkılıç G., Çakır H. Ş., Özcanhan M. H.
3rd Information Security and Cryptology Conference, Ankara, Turkey, 25 - 27 December 2008, pp.204-209
- LVI. **PEPPER UNIX Paralo Güvenliğinde Yeni Bir Yöntem**
Dalkılıç G., Duran A., Kürkçü L.
TBD 21. Ulusal Bilişim Kurultayı, Ankara, Turkey, 4 - 06 October 2004, pp.30-35
- LVII. **Word statistics of Turkish language on a large scale text corpus - TurCo**
Dalkılıç G., Çebi Y.

- International Conference on Information Technology: Coding Computing, ITCC 2004, Las Vegas, NV, United States Of America, 5 - 07 April 2004, vol.2, pp.319-323
- LVIII. **Turkish word N-gram analyzing algorithms for a large scale Turkish corpus - TurCo**
Çebi Y., Dalkılıç G.
International Conference on Information Technology - Coding and Computing, Nevada, United States Of America, 5 - 07 April 2004, pp.236-240
- LIX. **Karinca Kolonisi Optimizasyonu**
Dalkılıç G., Türkmen F.
1. Ulusal Yüksek Performanslı Bilişim Sempozyumu, Kocaeli, Turkey, 24 - 25 October 2002, pp.39-44
- LX. **Some Measurable Language Characteristics of Printed Turkish**
Dalkılıç M. E., Dalkılıç G.
2001 XVI. International Symposium on Computer and Inf. Sciences (ISCIS), Antalya, Turkey, 5 - 07 November 2001, pp.217-224
- LXI. **On the Entropy Redundancy and Compression of Contemporary Printed Turkish**
Dalkılıç M. E., Dalkılıç G.
International Symposium on Computer and Information Sciences, İstanbul, Turkey, 11 - 13 October 2000, pp.60-67

Supported Projects

Dalkılıç G., Yanmaz T., TUBITAK Project, İki Faktörlü Kimlik Doğrulama Sistemi ile Anahtarsız Giriş Sistemi Kullanan Araçların ve Kullanıcı Meta Verilerinin Korunması, 2024 - 2025

Dalkılıç G., TUBITAK Project, 215E225 Pasif RFID Etiketlerinde İletişim Güvenliğinin Arttırılması, 2016 - 2018

DALKILIÇ G., Project Supported by Higher Education Institutions, Makine Öğrenme Teknikleri ile DDoS Saldırılarının Engellenmesi, 2015 - 2016

DALKILIÇ G., Project Supported by Higher Education Institutions, Radyo Frekansı Kimlik Tanımlama (RFKT) Etiketlerinde Uygulanabilir Rasgele Sayı Üreteci (pseudo-random number generator) Geliştirilmesi, 2012 - 2013

DALKILIÇ G., Project Supported by Higher Education Institutions, Spam olarak gönderilen e-postaların filtrelenmesi, 2011 - 2012

Dalkılıç G., Project Supported by Higher Education Institutions, Kablosuz Bilgisayar Ağlarında Güvenliğin Arttırılması, 2008 - 2010

DALKILIÇ G., Project Supported by Higher Education Institutions, Gömülü Güvenlik Duvarı Yazılım Paketi, 2007 - 2009

DALKILIÇ G., Project Supported by Higher Education Institutions, Güncel Türkçe nin İstatistiksel ve Kriptanalitik Ölçütlerinin Belirlenmesi, 2004 - 2006

Patent

Aydın Ö., Çabuk U. C., Dalkılıç G., HIZLI VE HAFIF BİR RASTSAL SAYI ÜRETECİ, Patent, CHAPTER G Physics, The Invention Registration Number: 2018 05933 , Standard Registration, 2024

Çabuk U. C., Dağdeviren O., Dalkılıç G., İnsansız Hava Aracı (İHA) Sürüleri için Güvenli Haberleşme Protokolü, Patent, CHAPTER B Implementation of Operations; Transport, The Invention Recourse Number: 2022/008115 , Standard Registration, 2022

Karaarslan E., Dalkılıç G., Gür A. Ö., Çabuk U. C., Öksüzer Ş., Aydin Ö., MAHREMİYET KORUMALI BLOK ZİNCİR TABANLI AKILLI ÖLÇÜM VE VERİ KAYIT SİSTEMİ, Patent, CHAPTER G Physics, The Invention Registration Number: 2018 21180 , Standard Registration, 2022

Activities in Scientific Journals

Journal of Metaverse, Scientific Committee Membership, 2021 - Continues

Journal of Emerging Computer Technologies, Committee Member, 2021 - Continues

Uluslararası Bilgi Güvenliği Mühendisliği Dergisi, Publication Committee Member, 2015 - Continues

IAENG INTERNATIONAL JOURNAL OF COMPUTER SCIENCE, Committee Member, 2009 - Continues

Memberships / Tasks in Scientific Organizations

TEYDEB Bilişim Teknolojileri Grubu Geniş Bant / Mobil İletişim Teknolojileri Çağrılı Projeler Danışma Kurulu, Member of Advisory Board, 2015 - 2016, Turkey

IEEE, Member, 2015 - 2015, United States Of America

IEEE, Member, 2012 - 2012, United States Of America

Scientific Refereeing

TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, Dokuz Eylul University, Turkey, January 2024

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Dokuz Eylul University, Turkey, November 2023

Digital Twin Driven Intelligent Systems, Scientific / Professional Book Published by Renowned Publishing Houses, November 2022

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, Journal Indexed in SCI-E, June 2021

TUBITAK Project, 1501 - Industry R & D Projects Support Program, Dokuz Eylul University, Turkey, April 2020

DOKUZ EYLÜL ÜNİVERSİTESİ MÜHENDİSLİK FAKÜLTESİ FEN VE MÜHENDİSLİK DERGİSİ, National Scientific Refreed Journal, February 2020

DOKUZ EYLÜL ÜNİVERSİTESİ MÜHENDİSLİK FAKÜLTESİ FEN VE MÜHENDİSLİK DERGİSİ, National Scientific Refreed Journal, October 2019

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, Journal Indexed in SCI-E, November 2017

FUTURE GENERATION COMPUTER SYSTEMS-THE INTERNATIONAL JOURNAL OF GRID COMPUTING-THEORY METHODS AND APPLICATIONS, Journal Indexed in SCI-E, November 2017

TUBITAK Project, 1511 - TUBITAK Priority Fields Research Technology Development and Innovation PDP, Dokuz Eylul University, Turkey, July 2017

TUBITAK Project, 1511 - TUBITAK Priority Fields Research Technology Development and Innovation PDP, Dokuz Eylul University, Turkey, July 2017

TUBITAK Project, 1501 - Industry R & D Projects Support Program, Dokuz Eylul University, Turkey, May 2017

TUBITAK Project, 1511 - TUBITAK Priority Fields Research Technology Development and Innovation PDP, Dokuz Eylul University, Turkey, April 2016

TUBITAK Project, 1511 - TUBITAK Priority Fields Research Technology Development and Innovation PDP, Dokuz Eylul University, Turkey, April 2016

TUBITAK Project, 1509 - TÜBİTAK International Industry R&D Projects Support Program, Dokuz Eylul University, Turkey, March 2016

TUBITAK Project, 1511 - TUBITAK Priority Fields Research Technology Development and Innovation PDP, Dokuz Eylul University, Turkey, March 2016

TUBITAK Project, 1501 - Industry R & D Projects Support Program, Dokuz Eylul University, Turkey, February 2016

TUBITAK Project, 1501 - Industry R & D Projects Support Program, Dokuz Eylul University, Turkey, February 2016

TUBITAK Project, 1501 - Industry R & D Projects Support Program, Dokuz Eylul University, Turkey, December 2015

TUBITAK Project, 1509 - TÜBİTAK International Industry R&D Projects Support Program, Dokuz Eylul University, Turkey, November 2015

TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, Dokuz Eylul University, Turkey, November 2015

TUBITAK Project, 1501 - Industry R & D Projects Support Program, Dokuz Eylul University, Turkey, November 2015

TUBITAK Project, 1501 - Industry R & D Projects Support Program, Dokuz Eylul University, Turkey, November 2015

TUBITAK Project, 1501 - Industry R & D Projects Support Program, Dokuz Eylul University, Turkey, November 2015
TUBITAK Project, 1501 - Industry R & D Projects Support Program, Dokuz Eylul University, Turkey, October 2015
TUBITAK Project, 1509 - TÜBİTAK International Industry R&D Projects Support Program, Dokuz Eylul University, Turkey, August 2015
TUBITAK Project, 1501 - Industry R & D Projects Support Program, Dokuz Eylul University, Turkey, August 2015
PERVASIVE AND MOBILE COMPUTING, Journal Indexed in SCI-E, June 2015
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, Journal Indexed in SCI-E, May 2015
SECURITY AND COMMUNICATION NETWORKS, Journal Indexed in SCI-E, April 2015
TUBITAK Project, 2219 - Yurt Dışı Doktora Sonrası Araştırma Burs Programı, Dokuz Eylul University, Turkey, December 2014
TUBITAK Project, 1509 - TÜBİTAK International Industry R&D Projects Support Program, Dokuz Eylul University, Turkey, July 2014
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Dokuz Eylul University, Turkey, June 2014
TUBITAK Project, 1501 - Industry R & D Projects Support Program, Dokuz Eylul University, Turkey, March 2014
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, Journal Indexed in SCI-E, January 2014
TUBITAK Project, 1501 - Industry R & D Projects Support Program, Dokuz Eylul University, Turkey, January 2014
TUBITAK Project, 1511 - TUBITAK Priority Fields Research Technology Development and Innovation PDP, Dokuz Eylul University, Turkey, December 2013
TUBITAK Project, 1511 - TUBITAK Priority Fields Research Technology Development and Innovation PDP, Dokuz Eylul University, Turkey, December 2013
SECURITY AND COMMUNICATION NETWORKS, Journal Indexed in SCI-E, October 2013
TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, Dokuz Eylul University, Turkey, October 2013
TUBITAK Project, 1505 - University-Industry Cooperation Support Program, Dokuz Eylul University, Turkey, October 2013
DOKUZ EYLÜL ÜNİVERSİTESİ MÜHENDİSLİK FAKÜLTESİ FEN VE MÜHENDİSLİK DERGİSİ, National Scientific Refreed Journal, August 2013
TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, Dokuz Eylul University, Turkey, July 2013
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, Journal Indexed in SCI-E, April 2013
TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, Dokuz Eylul University, Turkey, February 2013
TUBITAK Project, 1501 - Industry R & D Projects Support Program, Dokuz Eylul University, Turkey, September 2012
TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, Dokuz Eylul University, Turkey, July 2012
TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, Dokuz Eylul University, Turkey, April 2012
TUBITAK Project, 1501 - Industry R & D Projects Support Program, Dokuz Eylul University, Turkey, December 2011
TUBITAK Project, 1501 - Industry R & D Projects Support Program, Dokuz Eylul University, Turkey, November 2011
TUBITAK Project, 1501 - Industry R & D Projects Support Program, Dokuz Eylul University, Turkey, September 2011
TUBITAK Project, 1501 - Industry R & D Projects Support Program, Dokuz Eylul University, Turkey, August 2011
SECURITY AND COMMUNICATION NETWORKS, Journal Indexed in SCI-E, May 2011
TUBITAK Project, 1509 - TÜBİTAK International Industry R&D Projects Support Program, Dokuz Eylul University, Turkey, May 2011
TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, Dokuz Eylul University, Turkey, April 2011
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, Journal Indexed in SCI-E, October 2010
COMPUTER JOURNAL, Journal Indexed in SCI-E, October 2010
TUBITAK Project, 1501 - Industry R & D Projects Support Program, Dokuz Eylul University, Turkey, October 2010
Turkish Journal Of Electrical Engineering And Computer Sciences, Journal Indexed in SCI-E, June 2010
Turkish Journal Of Electrical Engineering And Computer Sciences, Journal Indexed in SCI-E, December 2009
TUBITAK Project, 1501 - Industry R & D Projects Support Program, Dokuz Eylul University, Turkey, October 2009
Turkish Journal Of Electrical Engineering And Computer Sciences, Journal Indexed in SCI-E, September 2009
Turkish Journal Of Electrical Engineering And Computer Sciences, Journal Indexed in SCI-E, August 2009
TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, Dokuz Eylul University, Turkey, August 2009
TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, Dokuz Eylul University, Turkey, August 2009

TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, Dokuz Eylul University, Turkey, June 2009

TUBITAK Project, 1501 - Industry R & D Projects Support Program, Dokuz Eylul University, Turkey, August 2008

TUBITAK Project, 1501 - Industry R & D Projects Support Program, Dokuz Eylul University, Turkey, July 2007

Scientific Consultations

CİCİ MEZE GIDA SAN. VE TİC. A.Ş., Project Consultancy, Dokuz Eylul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, Turkey, 2016 - 2016

ERICSSON, Project Consultancy, Dokuz Eylul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, Turkey, 2016 - 2016

İzmir Ulaşım Hizmetleri ve Mak. San. A.Ş., Scientific Consultancy, Dokuz Eylul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, Turkey, 2014 - 2014

TAKİPSAN BİLİŞİM TEKNOLOJİLERİ SAN. VE TİC. LTD. ŞTİ., Project Consultancy, Dokuz Eylul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, Turkey, 2014 - 2014

Litum Bilgi Teknolojileri San. ve Dış Tic. AŞ, Project Consultancy, Dokuz Eylul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, Turkey, 2013 - 2014

RUT-ŞALOM-ARGEM YAZILIM GELİŞTİRME ŞİRKETİ, Scientific Consultancy, Dokuz Eylul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, Turkey, 2007 - 2008

Tasks In Event Organizations

Dalkılıç G., 15th International Conference on Information Security & Cryptology, ISCTURKEY 2022, Scientific Congress, Ankara, Turkey, Ekim 2022

Dalkılıç G., Akıllı Sistemlerde Yenilikler ve Uygulamaları Konferansı, ASYU 2022, Scientific Congress, Antalya, Turkey, Eylül 2022

Dalkılıç G., 14th International Conference on Information Security & Cryptology, ISCTURKEY 2021, Scientific Congress, Ankara, Turkey, Aralık 2021

Dalkılıç G., Akıllı Sistemlerde Yenilikler ve Uygulamaları Konferansı, ASYU 2021, Scientific Congress, Elazığ, Turkey, Ekim 2021

Dalkılıç G., 13th International Conference on Information Security & Cryptology, ISCTURKEY 2020, Scientific Congress, Ankara, Turkey, Aralık 2020

Dalkılıç G., Akıllı Sistemlerde Yenilikler ve Uygulamaları Konferansı, ASYU 2019, Scientific Congress, İzmir, Turkey, Kasım 2019

Dalkılıç G., 13. Ulusal Yazılım Mühendisliği Sempozyumu (UYMS 2019), Scientific Congress, İzmir, Turkey, Eylül 2019

Dalkılıç G., 2019 7th International Istanbul Smart Grids and Cities Congress and Fair (ICSG), Scientific Congress, İstanbul, Turkey, Nisan 2019

Dalkılıç G., 11th International Conference on Information Security & Cryptology, ISCTURKEY 2018, Scientific Congress, Ankara, Turkey, Ekim 2018

Dalkılıç G., Computer and Information Sciences 32nd International Symposium, ISCIS 2018, Scientific Congress, Poznan, Poland, Eylül 2018

Dalkılıç G., 12. Ulusal Yazılım Mühendisliği Sempozyumu, Scientific Congress, İstanbul, Turkey, Eylül 2018

Dalkılıç G., 10th International Conference on Information Security & Cryptology, ISCTURKEY 2017, Scientific Congress, Ankara, Turkey, Ekim 2017

Dalkılıç G., Computer and Information Sciences 31st International Symposium, ISCIS 2016, Scientific Congress, Krakow, Poland, Ekim 2016

Dalkılıç G., Computer and Information Sciences 30th International Symposium, ISCIS 2015, Scientific Congress, London, United Kingdom, Eylül 2015

Dalkılıç G., Computer and Information Sciences 29th International Symposium, ISCIS 2014, Scientific Congress, Krakow, Poland, Ekim 2014

Dalkılıç G., Computer and Information Sciences 28th International Symposium, ISCIS 2013, Scientific Congress, Paris, France, Ekim 2013

Dalkılıç G., 3. Uluslararası Bilişim Hukuku Kurultayı, Scientific Congress, İzmir, Turkey, Haziran 2013

Dalkılıç G., 5th International Conference on Information Security & Cryptology, ISCTURKEY 2012, Scientific Congress, Ankara, Turkey, Mayıs 2012

Dalkılıç G., 2. Uluslararası Bilişim Hukuku Kurultayı, Scientific Congress, İzmir, Turkey, Kasım 2011

Dalkılıç G., BİRANT D., Advances in Information Systems (ADVIS 2006), Scientific Congress, İzmir, Turkey, Ekim 2006

Dalkılıç G., Advances in Information Systems (ADVIS 2000), Scientific Congress, İzmir, Turkey, Ekim 2000

Scientific Research / Working Group Memberships

Deu Ceng Security Research Group, Dokuz Eylül University, Türkiye, <http://srg.cs.deu.edu.tr/>, 2015 - Continues

Metrics

Publication: 105

Citation (WoS): 228

Citation (Scopus): 394

H-Index (WoS): 7

H-Index (Scopus): 9

Congress and Symposium Activities

Innovations in Intelligent Systems and Applications Conference (ASYU), Audience, İzmir, Turkey, 2019

ULUSLARARASI BİLGİSAYAR BİLİMLERİ VE MÜHENDİSLİĞİ KONFERANSI (UBMK'17), Audience, Antalya, Turkey, 2017

INTERNATIONAL CONFERENCE ON COMPUTE AND DATA ANALYSIS (ICCDA 2017), Audience, Florida, United States Of America, 2017

International Congress on New Trends in Science, Engineering and Technology (ICONTRENDS 2017), Audience, Barcelona, Spain, 2017

3RD INTERNATIONAL MANAGEMENT INFORMATION SYSTEMS CONFERENCE, Audience, İzmir, Turkey, 2016

3rd International Conference on Advanced Technology Sciences (ICAT 2016), Audience, Konya, Turkey, 2016

International Conference on Engineering and Natural Science (ICENS 15), Audience, Skopje, Macedonia, 2015

Türkiye de İnternet Konferansı (Inet-tr), Audience, İzmir, Turkey, 2014

2nd International Symposium on Digital Forensics and Security (ISDFS), Audience, Texas, United States Of America, 2014

2 nd International Symposium on Computing in Science Engineering (ISCSE), Audience, Aydin, Turkey, 2011

1st International Symposium on Computing in Science Engineering (ISCSE), Audience, Aydin, Turkey, 2010

III. İSTANBUL BİLGİSİM KONGRESİ, Audience, İstanbul, Turkey, 2009

3rd Information Security & Cryptology Conference With International Participation, Audience, Ankara, Turkey, 2008

2nd International Conference on Advances in Information Systems, ADVIS 2002, Audience, İzmir, Turkey, 2002

XVI. International Symposium on Computer and Inf. Sciences (ISCIS), Audience, Antalya, Turkey, 2001

Scholarships

Yurtdışı Lisansüstü Eğitim Bursu, Ministry of Education, 1999 - 2000

Lisans Bursu (4. sınıf), Special Institutions and Organizations, 1996 - 1997

Awards

Pekmezci N. G., Havadar T. C., Dalkılıç G., Bitirme Projeleri "Sanayi Endüstri" 1. Lük Ödülü, Genç Beyinler Yeni Fikirler (Gbyf), May 2017

Aydın Ö., Dalkılıç G., En İyi Uygulama Dalında İkincilik, Uluslararası Yönetim Bilişim Sistemleri Konferansı, October 2016
Çabuk U. C., Dalkılıç G., Best Paper, International Conference On Advanced Technology And Sciences (Icat) 2016,
September 2016