

Prof. HACER KARACAN

Personal Information

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International Researcher IDs

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ScopusID: 23969445800

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Biography

HACER KARACAN (Member, IEEE) was born in Erzurum, Turkey, in 1980. She received the bachelor's and Ph.D. degrees from Middle East Technical University (METU), Ankara, in 2002 and 2007, respectively. She started her academic career as a Research Assistant at the Department of Cognitive Science, METU, in 2002. During her PhD studies, she worked as a Visiting Researcher at the University of Rochester, USA. She is currently a Professor with the Computer Engineering Department, Gazi University, where she has been a Faculty Member, since 2007. Her research interest includes artificial intelligence methods to gain data insights.

Education Information

Doctorate, Middle East Technical University, Graduate School Of Informatics, Cognitive Science, Turkey 2002 - 2007

Undergraduate, Middle East Technical University, Turkey 1997 - 2002

Foreign Languages

English, C1 Advanced

Research Areas

Computer Sciences, Artificial Intelligence, Computer Learning and Pattern Recognition, Software, Engineering and Technology

Academic Titles / Tasks

Professor, Gazi University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2022 - Continues

Associate Professor, Gazi University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2015 - 2022

Assistant Professor, Gazi University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2009 - 2015

Lecturer PhD, Gazi University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2007 - 2009

Research Assistant, Selcuk University, Faculty Of Engineering, Department Of Computer Engineering, 2007 - 2007

Research Assistant, Middle East Technical University, Graduate School Of Informatics, Bilişsel Bilimler Anabilim Dalı

(Disiplinlerarası), 2002 - 2007

Academic and Administrative Experience

Head of Department, Gazi University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2024 - Continues
Head of Department, Gazi University, Bilişim Enstitüsü, 2023 - 2024
Deputy Head of Department, Gazi University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2020 - 2024
Fakülte Kurulu Üyesi, Gazi University, Mühendislik Fakültesi, 2016 - 2022
Head of Department, Gazi University, Bilişim Enstitüsü, Bilişim Sistemleri Anabilim Dalı (Disiplinlerarası), 2018 - 2020
Uygulama ve Araştırma Merkezi Yönetim Kurulu Üyesi, Gazi University, 2018 - 2020
Gazi University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2015 - 2020
Gazi University, Bilişim Enstitüsü, Bilgisayar Bilimleri Anabilim Dalı (Disiplinlerarası), 2016 - 2018
Gazi University, Bilişim Enstitüsü, 2012 - 2015
Gazi University, Bilişim Enstitüsü, 2012 - 2015
Gazi University, Bilişim Enstitüsü, 2012 - 2015

Courses

Formal Languages and Automata, Undergraduate, 2023 - 2024
Yazılım Proje Yönetimi, Postgraduate, 2023 - 2024
Object Oriented Programming, Postgraduate, 2023 - 2024, 2022 - 2023
Interactive System Design, Postgraduate, 2022 - 2023
File Organization, Undergraduate, 2023 - 2024
Nesne Yönelimli Programlama, Postgraduate, 2023 - 2024, 2022 - 2023
Yazılım Mühendisliği, Undergraduate, 2022 - 2023
Bilgisayar Mühendisliğine Giriş, Undergraduate, 2016 - 2017

Advising Theses

Karacan H., İnsan tespiti için otonom iç mekan keşfi, Doctorate, Y.GÖKHAN(Student), 2024
Karacan H., Derin öğrenme yöntemleri kullanılarak anne sağlığı risk analizi yapılması, Postgraduate, B.YÖNEL(Student), 2024
Karacan H., Wireless network intrusion detection using deep learning methods, Doctorate, E.HALİSDEMİR(Student), 2023
Karacan H., Bloklancir tabanlı dijital kimlik ile elektronik ticarete güvenin artırılması, Doctorate, Ö.DOĞAN(Student), 2023
Karacan H., Ürgen B. A., Açık Kaynak İstihbaratı (OSINT) İçin Türkçe İçerik Temelli Kişilik Özellikleri Tahmini, Doctorate, M.ALİ(Student), 2023
, Karacan H., DERİN ÖĞRENME YÖNTEMLERİ KULLANILARAK WEB UYGULAMA GÜVENLİĞİ SAĞLANMASI, Doctorate, M.SEVRİ(Student), 2022
, Karacan H., ELEKTRONİK TAARRUZ KONTROL YAZILIMLARINDA YAZILIM ÜRÜN HATTI MİMARİSİ TEMEL ALINARAK MODEL GÜDÜMLÜ YAZILIM GELİŞTİRME, Postgraduate, A.AYDİLEK(Student), 2022
, Yenice Y. E., Karacan H., Adopting several models to alleviate sparsity and cold-start problems using data mining techniques for recommendation systems, Doctorate, A.MOHSIN(Student), 2021
, Karacan H., Evrimsel sinir ağları ile akciğer x-ray görüntülerinden COVID-19 tespiti ve hibrit model önerisi, Postgraduate, F.ERYILMAZ(Student), 2021
KARACAN H., Kd-Tree, Adaptive Radius And Feature Selection (Kd-Arfs Stream) Based Real Time Data Stream Clustering, Doctorate, A.ŞENOL(Student), 2019

KARACAN H., Medical Image Classification With Deep Learning Methods, Postgraduate, Z.CANTEMİR(Student), 2019
KARACAN H., Big Data Analysis For Smart Farming, Postgraduate, D.NAZİFE(Student), 2018
KARACAN H., Open Geospatial Consortium Services Optimization For Client Server Architecture In Geographic Information System, Postgraduate, M.AKKAN(Student), 2017
KARACAN H., Adaptif web tabanlı arabuluculuk eğitim sistemi, Postgraduate, B.ÖZDEMİR(Student), 2017
KARACAN H., Design and implementation of semi-automatic distributed vulnerability detection system on content management, Postgraduate, M.ALİ(Student), 2017
KARACAN H., K5: Çok biçimli resim destekleyen bir steganografi uygulaması, Postgraduate, A.İLKER(Student), 2016
KARACAN H., Development Of A Real Time Audio Steganography Application With Mobile Programming, Postgraduate, T.GÜRKAN(Student), 2016
KARACAN H., Sosyal medyadan elde edilen büyük veri baz alınarak sosyal olay analizi gerçekleştirme, Postgraduate, M.ŞEN(Student), 2016
KARACAN H., Vocabulary Learning In Foreign Languages By Ontologybased Intelligent Tutoring Systems, Postgraduate, E.AKDEMİR(Student), 2016
KARACAN H., K5: A Steganography Application With Multi-Format Image Support, Postgraduate, A.İlker(Student), 2016
KARACAN H., Performing Social Events Analysis Based On Big Data Derived From Social Media, Postgraduate, M.Şen(Student), 2016
KARACAN H., Content Based Image Retrieval With Data Mining Techniques, Postgraduate, N.JAHANGIRI(Student), 2015
KARACAN H., Usability analysis of e-government services, Postgraduate, G.ÖZMEN(Student), 2014
KARACAN H., Comparison of supervised and dictionary based sentiment analysis approaches on Turkish text, Postgraduate, B.İBRAHİM(Student), 2013
KARACAN H., Genetic algorithm and fuzzy logic based flexible querying in databases, Postgraduate, A.ŞENOL(Student), 2013
KARACAN H., Bölümleyici kümeleme algoritmalarının farklı veri yoğunluklarında karşılaştırması, Postgraduate, H.ALİ(Student), 2013
KARACAN H., Ortam ve yöntem bağımsız steganografik kütüphane tasarımı, Postgraduate, O.ÜNLÜ(Student), 2012
KARACAN H., Hipermedya sistemlerinde uyarlanabilir ve uyarlanırların metodları karşılaştırma ve yabancı dil öğretiminde örnek bir araç geliştirme, Postgraduate, İ.SEZER(Student), 2011
KARACAN H., Using hybrid encryption in RFID technology for data security, Postgraduate, Ö.ESMER(Student), 2011

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A New Objective Diagnostic Tool for Attention-Deficit Hyper-Activity Disorder (ADHD): Development of the Distractor-Embedded Auditory Continuous Performance Test**
ÖZASLAN A., SEVRİ M., İŞERİ E., Karacan B., Cengiz M., KARACAN H., Saripinar E. G., UĞRAŞ DİKMEN A., GÜNEY E.
JOURNAL OF CLINICAL MEDICINE, vol.13, no.21, 2024 (SCI-Expanded)
- II. **Machine learning applications for vascular stenosis detection in computed tomography angiography: a systematic review and meta-analysis**
Anwer A. M. O. A., Karacan H., Enver L., Çabuk G.
NEURAL COMPUTING AND APPLICATIONS, vol.36, pp.1-20, 2024 (SCI-Expanded)
- III. **YOLO-IHD: Improved Real-Time Human Detection System for Indoor Drones**
Küçükayan G., Karacan H.
SENSORS, vol.24, no.3, pp.922-954, 2024 (SCI-Expanded)
- IV. **Personality traits prediction model from Turkish contents with semantic structures**
Kosan M. A., KARACAN H., Urgen B. A.
Neural Computing and Applications, vol.35, no.23, pp.17147-17165, 2023 (SCI-Expanded)
- V. **A Blockchain-Based E-Commerce Reputation System Built With Verifiable Credentials**
Doğan Ö., Karacan H.
IEEE ACCESS, vol.11, pp.47080-47097, 2023 (SCI-Expanded)
- VI. **Predicting personality traits with semantic structures and LSTM-based neural networks**

Kosan M. A., Karacan H., Urgen B. A.

Alexandria Engineering Journal, vol.61, no.10, pp.8007-8025, 2022 (SCI-Expanded)

- VII. **Two Stage Deep Learning Based Stacked Ensemble Model for Web Application Security**
SEVRİ M., KARACAN H.
KSII TRANSACTIONS ON INTERNET AND INFORMATION SYSTEMS, vol.16, no.2, pp.632-657, 2022 (SCI-Expanded)
- VIII. **A Novel Overlapping Method to Alleviate the Cold-Start Problem in Recommendation Systems**
Al-Sabaawi A. M. A., KARACAN H., Yenice Y. E.
INTERNATIONAL JOURNAL OF SOFTWARE ENGINEERING AND KNOWLEDGE ENGINEERING, vol.31, no.09, pp.1277-1297, 2021 (SCI-Expanded)
- IX. **A Novel Data Augmentation Technique and Deep Learning Model for Web Application Security**
KARACAN H., SEVRİ M.
IEEE ACCESS, vol.9, pp.150781-150797, 2021 (SCI-Expanded)
- X. **Exploiting implicit social relationships via dimension reduction to improve recommendation system performance**
Al-Sabaawi A. M. A., KARACAN H., YENİCE Y. E.
PLOS ONE, vol.15, no.4, 2020 (SCI-Expanded)
- XI. **Kd-tree and adaptive radius (KD-AR Stream) based real-time data stream clustering**
Senol A., Karacan H.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.35, no.1, pp.337-354, 2020 (SCI-Expanded)
- XII. **Lattice approach to video steganography**
Unlu O., KARACAN H.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.23, pp.2074-2088, 2015 (SCI-Expanded)
- XIII. **A STUDY ON COST ANALYSIS FOR IPv6 PROTOCOL TRANSITION**
SAĞIROĞLU Ş., ALKAN M., KARACAN H., Parilti N., KASAP R., YAVANOĞLU U., Hacıomeroglu M., AKŞİT İ.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.27, no.1, pp.151-161, 2012 (SCI-Expanded)
- XIV. **OBJECT ORIENTED AGGLOMERATIVE HIERARCHICAL CLUSTERING MODEL IN DATA MINING**
YEŞİLBUDAK M., KAHRAMAN H. T., KARACAN H.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.26, no.1, pp.27-39, 2011 (SCI-Expanded)
- XV. **Change detection in desktop virtual environments: An eye-tracking study**
Karacan H., ÇAĞILTAY K., Tekman H. G.
COMPUTERS IN HUMAN BEHAVIOR, vol.26, no.6, pp.1305-1313, 2010 (SSCI)
- XVI. **Is attention drawn to changes in familiar scenes?**
Karacan H., Hayhoe M. M.
VISUAL COGNITION, vol.16, pp.356-374, 2008 (SSCI)

Articles Published in Other Journals

- I. **Türkiye'deki e-Ticarete Özgü Blokzincir Tabanlı Dijital Kimlik Güven Çerçevesi Önerisi**
Doğan Ö., Karacan H.
Bilgi Yönetimi, vol.5, no.2, pp.256-279, 2022 (Peer-Reviewed Journal)
- II. **The Impact of Artificial Intelligence-Based Systems on Personal Data Privacy: A Study on Chatbots**
BAŞKAYA F., KARACAN H.
Bilişim Teknolojileri Dergisi, vol.15, no.4, pp.481-491, 2022 (Peer-Reviewed Journal)
- III. **COVID-19 Detection from Chest X-Ray Images and Hybrid Model Recommendation with Convolutional Neural Networks**
Karacan H., Eryılmaz F.

Journal of advanced research in natural and applied sciences (Online), vol.7, no.4, pp.486-503, 2021 (Peer-Reviewed Journal)

- IV. **Using Software Design Patterns for Reusability**
Aydilek A., Karacan H., Dursun M.
Erciyes Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.37, no.3, pp.377-391, 2021 (Peer-Reviewed Journal)
- V. **Comparison of Lightweight and Traditional CNN Architectures in COVID-19 Detection from Lung X-Ray Images**
Eryılmaz F., Karacan H.
Düzce Üniversitesi Bilim ve Teknoloji Dergisi, vol.9, no.6, pp.26-39, 2021 (Peer-Reviewed Journal)
- VI. **SVD++ AND CLUSTERING APPROACHES TO ALLEVIATING THE COLD-START PROBLEM FOR RECOMMENDATION SYSTEMS**
Al-Sabaawi A. M. A., KARACAN H., YENİCE Y. E.
INTERNATIONAL JOURNAL OF INNOVATIVE COMPUTING INFORMATION AND CONTROL, vol.17, no.2, pp.383-396, 2021 (ESCI)
- VII. **Two Models Based on Social Relations and SVD++ Method for Recommendation System**
Al-Sabaawi A. M. A., Karacan H., Yenice Y. E.
International Journal of Interactive Mobile Technologies, vol.15, no.1, pp.70-87, 2021 (Scopus)
- VIII. **Yapay Zeka Yöntemlerinde Entropi**
Koşan M. A., Coşkun A., Karacan H.
Journal of Information Systems and Management Research, vol.1, no.1, pp.15-22, 2019 (Peer-Reviewed Journal)
- IX. **ImpSlidingWindow: Kayan Pencere Tabanlı Akan Veri Özetleme Yönteminin Performansını Arttırmaya Yönelik Yeni Bir Model**
ŞENOL A., KARACAN H.
European Journal of Science and Technology, pp.292-301, 2019 (Peer-Reviewed Journal)
- X. **Akan Veri Kümeleme Teknikleri Üzerine Bir Derleme**
Şenol A., Karacan H.
Avrupa Bilim ve Teknoloji Dergisi, vol.3, no.13, pp.17-30, 2018 (Peer-Reviewed Journal)
- XI. **Genetic Algorithm and Fuzzy Logic Based FlexibleQuerying in Databases**
ŞENOL A., KARACAN H., AKCAYOL M. A.
JOURNAL OF COMPUTERS, vol.13, no.6, pp.678-691, 2018 (Peer-Reviewed Journal)
- XII. **Comparative analysis of machine learning algorithms in detection of phishing websites**
KOŞAN M. A., YILDIZ O., KARACAN H.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSİTESİ MUHENDİSLİK BİLİMLERİ DERGİSİ, vol.24, no.2, pp.276-282, 2018 (ESCI)
- XIII. **A Review on Business Intelligence and Big Data**
Karacan H., Şirin E.
International Journal of Intelligent Systems and Applications in Engineering, vol.4, no.5, pp.206-215, 2017 (Peer-Reviewed Journal)
- XIV. **Crime Analysis Based on Association Rules Using Apriori Algorithm**
Sevri M., Karacan H., Akcayol M. A.
International Journal of Information and Electronics Engineering, vol.7, no.3, pp.99-102, 2017 (Peer-Reviewed Journal)
- XV. **Çoklu Regresyon Metoduyla Elektrik Tüketim Talebini Etkileyen Faktörlerin İncelenmesi**
Karaca C., Karacan H.
Selçuk Üniversitesi Mühendislik, Bilim ve Teknoloji Dergisi, vol.4, no.3, pp.182-195, 2016 (Peer-Reviewed Journal)
- XVI. **Implementation of a New Recommendation System Based on Decision Tree Using Implicit Relevance Feedback**
Utku A., Karacan H., Yıldız O., Akcayol M. A.
JOURNAL OF SOFTWARE, vol.10, no.12, pp.1367-1374, 2015 (Peer-Reviewed Journal)
- XVII. **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)
- XVIII. **Bölümleyici kümeleme algoritmalarının farklı veri yoğunluklarında karşılaştırılması**
Hüseyin Ridha A., KARACAN H.
Erciyes Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.30, no.1, pp.1-6, 2014 (Peer-Reviewed Journal)
- XIX. **Türkiye nin IPv6 ya Geçiş Maliyetinin Öngörülmesi**
SAĞIROĞLU Ş., KARACAN H., ALKAN M., HACIÖMEROĞLU M., YAVANOĞLU U.
Politeknik Dergisi, vol.17, no.2, pp.59-73, 2014 (Peer-Reviewed Journal)
- XX. **Dinamik Verilere Yönelik Karar Tahmin Mekanizması Oluşturulması**
Özkan Ç., KARACAN H.
Marmara Üniversitesi Fen Bilimleri Dergisi, vol.25, no.3, pp.100-114, 2013 (Peer-Reviewed Journal)
- XXI. **Kullanıcı Merkezli İnteraktif Veri Madenciliği Bir Literatür Taraması**
YEŞİLBUDAK M., KARACAN H.
Bilişim Teknolojileri Dergisi, vol.3, no.1, pp.17-22, 2010 (Peer-Reviewed Journal)
- XXII. **Abant İzzet Baysal Üniversitesi Web Sitesi Kullanılabilirlik Analizi**
Ateş V., Karacan H.
Bilişim Teknolojileri Dergisi, vol.2, no.2, pp.33-38, 2009 (Peer-Reviewed Journal)
- XXIII. **Türkiye Tüketici Portalının Kullanılabilirliği Üzerine Deneysel Bir Çalışma**
KARACAN H., Hakan D.
Bilişim Teknolojileri Dergisi, vol.2, no.3, pp.19-26, 2009 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Explainable Artificial Intelligence (XAI) for Deep Learning Based Intrusion Detection Systems**
SEVRİ M., KARACAN H.
in: Engineering Cyber-Physical Systems and Critical Infrastructures book series (ECPSCI, volume 7), Hemanth, D.J., Yigit, T., Kose, U., Guvenc, U., Editor, Springer, Cham., pp.39-55, 2023
- II. **BÜYÜK VERİ ÜZERİNDE FİKİR MADENCİLİĞİ YÖNTEMLERİ**
Başkaya F., Karacan H.
in: Yeni Nesil Teknolojiler Işığında YAPAY ZEKÂ VE DİJİTAL DÖNÜŞÜM, Murat Yılmaz, Muhammed Ali Akcayol, Editor, Nobel Yayın Dağıtım, Ankara, pp.127-142, 2022

Refereed Congress / Symposium Publications in Proceedings

- I. **A NEW OBJECTIVE DIAGNOSTIC TOOL FOR ADHD: DEVELOPMENT OF THE WEB-BASED AUDITORY-FOCUSED CONTINUOUS PERFORMANCE TEST**
İŞERİ E., SEVRİ M., ÖZASLAN A., Karacan B., KARACAN H., Saripinar E. G., Guney E.
Annual Meeting of the American-Academy-of Child and-Adolescent-Psychiatry (AACAP) and the Canadian-Academy-of-Child-and-Adolescent-Psychiatry (CACAP), Toronto, Canada, 17 - 22 October 2022, no.10
- II. **Data Quality Problem in AI-Based Network Intrusion Detection Systems Studies and a Solution Proposal**
Halisdemir M. E., Karacan H., Pihelgas M., Lepik T., Cho S.
14th International Conference on Cyber Conflict, CyCon 2022, Tallinn, Estonia, 31 May - 03 June 2022, vol.2022-May, pp.367-383
- III. **Comparison of Lightweight and Traditional CNN Architectures in COVID-19 Detection from Lung X-Ray Images**
Eryılmaz F., Karacan H.
3rd International Conference on Artificial Intelligence and Applied Mathematics in Engineering (ICAIAME 2021), Antalya, Turkey, 1 - 03 October 2021, pp.1-13
- IV. **Synthetic CANBUS Data Generation for Driver Behavior Modeling**

Ucuzova E., Kurtulmaz E., GÖKALP YAVUZ F., KARACAN H., Şahin N. E.

29th Signal Processing and Communications Applications Conference (SIU), İstanbul, Turkey, 09 June 2021, pp.1-4

- V. **Bidirectional LSTM Based Intrusion Detection System for Web Applications.**
SEVRİ M., KARACAN H.
International Conference on All Aspects of Cyber Security (A2CS'xx19), 24 - 25 October 2019, pp.53-57
- VI. **Outlier Detection on Big Outlier Data**
Şirin E., KARACAN H.
Recent Advances in DataScience and Business Analytics, 25 - 28 September 2019, pp.56
- VII. **Kayan Pencere Tabanlı Akan Veri Özetleme Yönteminin Performansını Arttırmaya Yönelik Yeni Bir Model**
ŞENOL A., KARACAN H.
International Congress on Human-Computer Interaction, Optimization and Robotic Applications (HORA 2019), Nevşehir, Turkey, 5 - 07 July 2019
- VIII. **DERİN ÖĞRENME TEKNİKLERİ KULLANILARAK ALZHEIMER HASTALIĞI TEŞHİSİ**
Cantemir Z., KARACAN H.
MAS INTERNATIONAL CONFERENCE ON MATHEMATICS-ENGINEERING-NATURAL MEDICAL SCIENCES-V, 2 - 05 May 2019, pp.967-968
- IX. **Deep Learning Based Web Application Security**
SEVRİ M., KARACAN H.
2nd International Conference on Advanced Technologies, Computer Engineering and Science (ICATCES), 26 - 27 April 2019, pp.349-354
- X. **Secure Multiparty Computation and Blockchain-Smart Contract Based Election System**
SEVRİ M., KOŞAN M. A., KARACAN H.
International Conference on Applied Mathematics in Engineering (ICAME), Balıkesir, Turkey, 27 - 29 June 2018
- XI. **Comparison of Classification Algorithms used in Intrusion Detection Systems**
KOŞAN M. A., SEVRİ M., KARACAN H.
International Conference on Applied Mathematics in Engineering (ICAME), Balıkesir, Turkey, 27 - 29 June 2018
- XII. **An Altered Application of Permutative Straddling Method for Spatial Steganography**
KOCATEPE A. İ., KOŞAN M. A., KARACAN H.
International Advanced Research and Engineering Congress (IAREC), Osmaniye, Turkey, 16 - 18 November 2017
- XIII. **Mobile Malware Datasets and Malware Detection**
KOŞAN M. A., KOCATEPE A. İ., KARACAN H.
International Advanced Research and Engineering Congress (IAREC), Osmaniye, Turkey, 16 - 18 November 2017
- XIV. **Blockchain Technology and Its Use as a Notarial System**
SEVRİ M., KOCATEPE A. İ., KARACAN H., ARI E. S.
1. ULUSLARARASI İLERİ ARAŞTIRMALAR VE MÜHENDİSLİK KONGRESİ, Osmaniye, Turkey, 16 - 18 November 2017, pp.1377-1378
- XV. **Applying Deep Learning to Cybersecurity Field and Its Advantages**
SEVRİ M., KOŞAN M. A., KARACAN H.
1. ULUSLARARASI İLERİ ARAŞTIRMALAR VE MÜHENDİSLİK KONGRESİ, Osmaniye, Turkey, 16 - 18 November 2017, pp.1407-1408
- XVI. **Spy Attacks and Protection Methods in Android Smart Phones**
KOŞAN M. A., SEVRİ M., KARACAN H.
1. ULUSLARARASI İLERİ ARAŞTIRMALAR VE MÜHENDİSLİK KONGRESİ, Osmaniye, Turkey, 16 - 18 November 2017, pp.1385-1386
- XVII. **Utilizing Linear Feedback Shift Registers for Selective-Random Memory Addressing**
KOCATEPE A. İ., SEVRİ M., KARACAN H.
1. ULUSLARARASI İLERİ ARAŞTIRMALAR VE MÜHENDİSLİK KONGRESİ, Osmaniye, Turkey, 16 - 18 November 2017, pp.1381-1382
- XVIII. **An Adaptation of Matrix Encoding Technique for Data Hiding in RGB Images**
KOCATEPE A. İ., KOŞAN M. A., KARACAN H.

International Conference on Engineering Technology and Innovation (ICETI), SARAYBOSNA, Bosnia And Herzegovina, 22 - 26 March 2017

- XIX. Comparative Analysis of Web Application Security Scanners**
KOŞAN M. A., KARACAN H.
International Conference on Engineering Technology and Innovation (ICETI), SARAYBOSNA, Bosnia And Herzegovina, 22 - 26 March 2017
- XX. Üstün Yetenekli/Zekalı Öğrencilerin Belirlenmesinde Veri Madenciliği Algoritmalarının Kullanılması ve Sınıflandırma Modellerinin Performans Karşılaştırması**
SEVRİ M., KARACAN H.
International Talented And Gifted Conference: New Approaches and Educational Practices, Ankara, Turkey, 4 - 06 May 2017, pp.96
- XXI. Crime Analysis Based on Association Rules Using Apriori Algorithm**
SEVRİ M., KARACAN H., AKCAYOL M. A.
4th International Conference on Electrical and Electronics Engineering (ICEEE 2017), Ankara, Turkey, 8 - 10 April 2017
- XXII. Genetic Algorithm and Fuzzy Logic Based Flexible Querying in Databases**
ŞENOL A., KARACAN H., AKCAYOL M. A.
4th International Conference on Electrical and Electronics Engineering 2017, 8 - 10 April 2017
- XXIII. Adaptive Web-Based Mediation Training System**
Ozdemir B., KARACAN H.
4th International Conference on Education and Social Sciences (INTCESS), İstanbul, Turkey, 6 - 08 February 2017, pp.285-292
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IEEE, Member, 2021 - Continues, United States Of America

Scientific Refereeing

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Publication: 74

Citation (WoS): 65

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