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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAC-5992-2020

ScopusID: 25960607500

Yoksis Researcher ID: 116056

Education Information

Doctorate, Istanbul University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (Dr), Turkey 2009 - 2013

Postgraduate, Istanbul Kultur University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (YI) (Tezli), Turkey 2005 - 2008

Undergraduate, Istanbul Kultur University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, Turkey 1997 - 2001

Dissertations

Doctorate, Kablosuz algılayıcı ağların bulut hesaplaması kullanılarak internete genişletilmesi, Istanbul University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (Dr), 2013

Postgraduate, An architectural model for content management in e-commerce applications using intelligent agents, Istanbul Kultur University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (YI) (Tezli), 2008

Research Areas

Artificial Intelligence, Computer Learning and Pattern Recognition, Software Engineering

Academic Titles / Tasks

Associate Professor, Istanbul Kultur University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2019 - Continues

Assistant Professor, Istanbul Kultur University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2013 - 2019

Research Assistant, Istanbul Kultur University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2004 - 2013

Academic and Administrative Experience

Teknoloji Transfer Ofisi Yönetim Kurulu Üyeliği, Istanbul Kultur University, Merkez Müdürlükleri, TEKNOLOJİ TRANSFER OFİSİ , 2022 - Continues

Uygulama ve Araştırma Merkezi Yönetim Kurulu Üyesi, Istanbul Kultur University, Merkez Müdürlükleri, İKÜ HAREKET ANALİZİ UYGULAMA VE DEĞERLENDİRME, UYGULAMA VE ARAŞTIRMA MERKEZİ (İKÜ-HAM), 2020 - Continues

Fakülte Yönetim Kurulu Üyesi, Istanbul Kultur University, Mühendislik Fakültesi, 2019 - Continues

Fakülte Kurulu Üyesi, İstanbul Kültür University, Mühendislik Fakültesi, 2019 - Continues
Head of Department, İstanbul Kültür University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2020 - 2023
Head of Department, İstanbul Kültür University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2019 - 2023
Fakülte Yönetim Kurulu Üyesi, İstanbul Kültür University, Mühendislik Fakültesi, 2014 - 2017
Deputy Head of Department, İstanbul Kültür University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2014 - 2017

Courses

CSE0559 Yazılım Mimarisi ve Entegrasyonu, Postgraduate, 2019 - 2020
CSE8090 Graduate Project, Undergraduate, 2019 - 2020, 2018 - 2019, 2013 - 2014
CSE5041 Database Design Development, Undergraduate, 2019 - 2020, 2016 - 2017
CSE5001 Web Programming, Undergraduate, 2019 - 2020, 2018 - 2019, 2016 - 2017, 2015 - 2016, 2014 - 2015
CSE6064 SOFTWARE ENGINEERING, Undergraduate, 2018 - 2019, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014
CSE 540 DATABASE MANAGEMENT SYSTEMS, Undergraduate, 2018 - 2019, 2012 - 2013
CSE0519 Kablosuz Algılayıcı Ağlar, Postgraduate, 2016 - 2017
CSE5041 Database Design and Development, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014
CSE500 Seminer, Postgraduate, 2016 - 2017
CSE0425 Parallel and Distributed Programming, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014
CSE0468 Software Modeling and Design, Undergraduate, 2016 - 2017
CSE0526 Bulut Bilişimde İleri Teknikler, Postgraduate, 2016 - 2017
CSE6032 Computer Networks, Undergraduate, 2016 - 2017, 2015 - 2016
CSE8090 Graduation Project, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015
CSE0510 E-Sistem Tasarımı ve Geliştirme, Postgraduate, 2015 - 2016
CSE0556 Yazılım Mühendisliği Yönetimi, Postgraduate, 2015 - 2016
CSE0405 Programming Languages, Undergraduate, 2015 - 2016
CSE0500 Seminar Work, Postgraduate, 2014 - 2015
CSE4061 System Analysis and HCI Design, Undergraduate, 2014 - 2015, 2013 - 2014
CSE0403 Graphical User Interface Design and Development, Undergraduate, 2014 - 2015, 2013 - 2014
CSE0440 Artificial Intelligence, Undergraduate, 2014 - 2015
BİL483 Paralel ve Dağıtılmış Sistemler, Undergraduate, 2013 - 2014
CSE5031 Operating Systems, Undergraduate, 2013 - 2014
CEN301 Database Management Systems, Undergraduate, 2013 - 2014
BİL335 Bilgisayar Ağları, Undergraduate, 2013 - 2014
CEN483 Parallel and Distributed Systems, Undergraduate, 2013 - 2014
CSE4014 Data Structures and Algorithms I, Undergraduate, 2013 - 2014
CSE891 Graduation Project, Undergraduate, 2013 - 2014
CSE 501 Visual Programming Techniques, Undergraduate, 2012 - 2013
CSE 640 Database Design and Development, Undergraduate, 2012 - 2013
CSE 535 Operating Systems, Undergraduate, 2012 - 2013

Advising Theses

AKHAN A., YAPAY ZEKA DESTEKLİ BLOKZİNCİR TABANLI FİNANSAL BİLGİ PAYLAŞIM PLATFORMU, Doctorate, B.KARADAĞ(Student), 2023
AKHAN A., Gerçek zamanlı strateji oyunu için mikro yönetim yapay zekası, Postgraduate, S.ÖZCAN(Student), 2023
AKHAN A., Fraud detection in blockchain cryptocurrencies, Postgraduate, O.KUMAŞ(Student), 2023
AKHAN A., Mikroservis ekosisteminde servis keşfi mekanizması, Postgraduate, A.VEDAT(Student), 2023
AKHAN A., Platformlar arası kod klon tespiti, Postgraduate, T.TUNÇ(Student), 2023
AKHAN A., Makine öğrenmesi kullanarak ticari binalarda enerji tüketiminin azaltılması, Doctorate, M.ÇAKIR(Student),

2022

ÇAĞATAY Ç., AKHAN A., Deep learning-based defect prediction for mobile apps, Postgraduate, M.JORAYEVA(Student), 2022

AKHAN A., Mikroservis ekosisteminde servis durum yönetimi, Postgraduate, F.KARATAŞ(Student), 2021

AKHAN A., Design of predictive maintenance model using artificial intelligence methods, Postgraduate, B.AY(Student), 2021

AKHAN A., Derin öğrenme yaklaşımı kullanarak bulut ortamları için saldırı tespit hizmet tasarımı, Doctorate, W.ELMASRY(Student), 2019

AKHAN A., Kayıp uzuv sendromu için artırılmış gerçeklik destekli rehabilitasyon sistemi, Postgraduate, A.ÇABUK(Student), 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Boosting the visibility of services in microservice architecture**
Tokmak A. V., AKBULUT A., ÇATAL Ç.
CLUSTER COMPUTING-THE JOURNAL OF NETWORKS SOFTWARE TOOLS AND APPLICATIONS, vol.27, no.3, pp.3099-3111, 2024 (SCI-Expanded)
- II. **Design and implementation of a deep learning-empowered m-Health application**
AKBULUT A., Desouki S., AbdelKhaliq S., Khantomani L., ÇATAL Ç.
MULTIMEDIA TOOLS AND APPLICATIONS, vol.83, no.12, pp.35995-36011, 2024 (SCI-Expanded)
- III. **Web service discovery: Rationale, challenges, and solution directions**
Tokmak A. V., AKBULUT A., ÇATAL Ç.
COMPUTER STANDARDS & INTERFACES, vol.88, 2024 (SCI-Expanded)
- IV. **Stacking-based ensemble learning for remaining useful life estimation**
Ture B. A., AKBULUT A., Zaim A. H., ÇATAL Ç.
SOFT COMPUTING, vol.28, pp.1337-1349, 2024 (SCI-Expanded)
- V. **Blockchain-Based KYC Model for Credit Allocation in Banking**
Karadag B., Zaim A. H., AKBULUT A.
IEEE ACCESS, vol.12, pp.80176-80182, 2024 (SCI-Expanded)
- VI. **Wallet-Based Transaction Fraud Prevention Through LightGBM With the Focus on Minimizing False Alarms**
Iscan C., Kumas O., Patlar Akbulut F., Akbulut A.
IEEE ACCESS, vol.11, pp.131465-131474, 2023 (SCI-Expanded)
- VII. **Identification of phantom movements with an ensemble learning approach**
AKBULUT A., GÜNGÖR F., TARAKCI E., AYDIN M. A., Zaim A. H., ÇATAL Ç.
COMPUTERS IN BIOLOGY AND MEDICINE, vol.150, 2022 (SCI-Expanded)
- VIII. **Deep Learning-Based Defect Prediction for Mobile Applications**
Jorayeva M., AKBULUT A., ÇATAL Ç., Mishra A.
SENSORS, vol.22, no.13, 2022 (SCI-Expanded)
- IX. **Machine Learning-Based Software Defect Prediction for Mobile Applications: A Systematic Literature Review**
Jorayeva M., AKBULUT A., ÇATAL Ç., Mishra A.
Sensors, vol.22, no.7, 2022 (SCI-Expanded)
- X. **A Bayesian Deep Neural Network Approach to Seven-Point Thermal Sensation Perception**
Cakir M., AKBULUT A.
IEEE ACCESS, vol.10, pp.5193-5206, 2022 (SCI-Expanded)
- XI. **Techniques for Calculating Software Product Metrics Threshold Values: A Systematic Mapping Study**
Mishra A., Shatnawi R., ÇATAL Ç., AKBULUT A.
APPLIED SCIENCES-BASEL, vol.11, no.23, 2021 (SCI-Expanded)
- XII. **Evaluation of augmented reality technology for the design of an evacuation training game**

ÇATAL Ç., AKBULUT A., Tunali B., Ulug E., Ozturk E.

VIRTUAL REALITY, vol.24, no.3, pp.359-368, 2020 (SCI-Expanded)

- XIII. **Evolving deep learning architectures for network intrusion detection using a double PSO metaheuristic**
Elmasry W., AKBULUT A., Zaim A. H.
COMPUTER NETWORKS, 2020 (SCI-Expanded)
- XIV. **Empirical study on multiclass classification-based network intrusion detection**
Elmasry W., AKBULUT A., Zaim A. H.
COMPUTATIONAL INTELLIGENCE, no.4, pp.919-954, 2019 (SCI-Expanded)
- XV. **Performance Analysis of Microservice Design Patterns**
AKBULUT A., Perros H. G.
IEEE INTERNET COMPUTING, vol.23, no.6, pp.19-27, 2019 (SCI-Expanded)
- XVI. **Analysis of the use of computational intelligence techniques for air-conditioning systems: A systematic mapping study**
Cakir M., AKBULUT A., Onen Y. H.
MEASUREMENT & CONTROL, vol.52, no.7-8, pp.1084-1094, 2019 (SCI-Expanded)
- XVII. **Code generator framework for smart TV platforms**
AKBULUT A., Toprak S.
IET SOFTWARE, vol.13, no.4, pp.268-279, 2019 (SCI-Expanded)
- XVIII. **Native Code Generation as a Service**
AKBULUT A., ÇATAL Ç., Karadeniz E., Turgut E.
INTERNATIONAL JOURNAL OF SOFTWARE ENGINEERING AND KNOWLEDGE ENGINEERING, vol.29, no.2, pp.263-284, 2019 (SCI-Expanded)
- XIX. **Fetal health status prediction based on maternal clinical history using machine learning techniques**
AKBULUT A., Ertugrul E., Topcu V.
COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE, vol.163, pp.87-100, 2018 (SCI-Expanded)
- XX. **On the effectiveness of virtual reality in the education of software engineering**
AKBULUT A., ÇATAL Ç., Yildiz B.
COMPUTER APPLICATIONS IN ENGINEERING EDUCATION, vol.26, no.4, pp.918-927, 2018 (SCI-Expanded)
- XXI. **Automatic energy expenditure measurement for health science**
ÇATAL Ç., AKBULUT A.
COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE, vol.157, pp.31-37, 2018 (SCI-Expanded)
- XXII. **Deep Learning Approaches for Predictive Masquerade Detection**
Elmasry W., AKBULUT A., Zaim A. H.
SECURITY AND COMMUNICATION NETWORKS, 2018 (SCI-Expanded)
- XXIII. **Automated testing for distributed databases with fuzzy fragment reallocation**
AKBULUT A., KARATAŞ BAYDOĞMUŞ G.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.26, no.2, pp.677-692, 2018 (SCI-Expanded)
- XXIV. **A cloud-based recommendation service using principle component analysis-scale-invariant feature transform algorithm**
AKBULUT A., ÇATAL Ç., PATLAR AKBULUT F.
NEURAL COMPUTING & APPLICATIONS, vol.28, no.10, pp.2859-2868, 2017 (SCI-Expanded)
- XXV. **Special Issue: Soft computing in software engineering Preface**
ÇATAL Ç., Bayrak C., Nassif A. B., POLAT K., AKBULUT A.
APPLIED SOFT COMPUTING, vol.49, pp.953-955, 2016 (SCI-Expanded)
- XXVI. **Control in networked systems with fuzzy logic**
AKBULUT A., Oztas O.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.21, no.1, pp.225-233, 2013 (SCI-Expanded)

Articles Published in Other Journals

- I. **Cyberbullying detection through deep learning: A case study of Turkish celebrities on Twitter**
Karadag B., AKBULUT A., Zaim A. H.
WEB INTELLIGENCE, vol.21, no.1, pp.61-70, 2023 (ESCI)
- II. **Techniques for Apply Predictive Maintenance and Remaining Useful Life: A Systematic Mapping Study**
Ay Türe B., AKBULUT A., Zaim A. H.
Bilecik Şeyh Edebali Üniversitesi Fen Bilimleri Dergisi, vol.8, no.1, pp.497-511, 2021 (Peer-Reviewed Journal)
- III. **A Design Of An Integrated Cloud-based Intrusion Detection System With Third Party Cloud Service**
Elmasry W., AKBULUT A., Zaim A. H.
OPEN COMPUTER SCIENCE, vol.11, no.1, pp.365-379, 2021 (ESCI)
- IV. **Comparative evaluation of different classification techniques for masquerade attack detection**
Elmasry W., AKBULUT A., Zaim A. H.
International Journal of Information and Computer Security, vol.13, no.2, pp.187-209, 2020 (Scopus)
- V. **LWE: An Energy-Efficient Lightweight Encryption Algorithm for Medical Sensors and IoT Devices**
Toprak S., AKBULUT A., Aydın M. A., Zaim A. H.
ELECTRICA, vol.20, no.1, pp.71-80, 2020 (ESCI)
- VI. **CAVE Sanal Gerçeklik Teknolojisinin Üniversite-Sanayi İşbirliği Açısından Değerlendirilmesi ve Örnek bir Durum Çalışması**
ÇATAL Ç., AKBULUT A.
Avrupa Bilim ve Teknoloji Dergisi, no.15, pp.61-69, 2019 (Peer-Reviewed Journal)
- VII. **Benchmarking of Regression Algorithms and Time Series Analysis Techniques for Sales Forecasting**
ÇATAL Ç., AKBULUT A.
Balkan Journal of Electrical and Computer Engineering, vol.7, no.1, pp.20-26, 2019 (Peer-Reviewed Journal)
- VIII. **Vinject: Toolkit for Penetration Testing and Vulnerability Scanning**
Akbulut A.
Düzce Üniversitesi Bilim ve Teknoloji Dergisi, vol.6, no.4, pp.779-790, 2018 (Peer-Reviewed Journal)
- IX. **Survey on access control mechanisms in cloud computing**
KARATAŞ BAYDOĞMUŞ G., AKBULUT A.
Journal of Cyber Security and Mobility, vol.7, no.3, pp.1-36, 2018 (Scopus)
- X. **Desing and Implementation of an Automatic Code Generation Tool for End-User Development**
Akbulut A., Patlar Akbulut F., KÖSEOKUR H., ÇATAL Ç.
Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, vol.19, no.55.1., pp.76-88, 2017 (Peer-Reviewed Journal)
- XI. **MOBILE VISUAL ACUITY ASSESSMENT APPLICATION: AcuMob**
AKBULUT A., AYDIN M. A., Zaim A. H.
ISTANBUL UNIVERSITY-JOURNAL OF ELECTRICAL AND ELECTRONICS ENGINEERING, vol.17, no.1, pp.3181-3186, 2017 (ESCI)
- XII. **Mobil Cihazlarda Güvenlik-Tehditler ve Temel Stratejiler**
KARATAŞ G., AKBULUT A., ZAIM A. H.
İstanbul Ticaret Üniversitesi Fen Bilimleri Dergisi, vol.15, no.30, pp.55-75, 2016 (Peer-Reviewed Journal)
- XIII. **University Exam Scheduling System Using Graph Coloring Algorithm and RFID Technology**
Akbulut A., Yılmaz G.
International Journal of Innovation, Management and Technology, vol.4, no.1, pp.66-72, 2013 (Peer-Reviewed Journal)
- XIV. **E-ticaret uygulamalarındaki içerik yönetimi için akıllı ajanlar kullanan bir mimari model**
Akbulut A., YILMAZ G.
Havacılık ve Uzay Teknolojileri Dergisi, vol.5, no.2, pp.13-24, 2011 (Peer-Reviewed Journal)

Books & Book Chapters

I. **Development of a Software Vulnerability Prediction Web Service Based on Artificial Neural Networks**

ÇATAL Ç., AKBULUT A., EKENOĞLU E., ALEMDAROĞLU M.

in: Trends and Applications in Knowledge Discovery and Data Mining. PAKDD 2017. Lecture Notes in Computer Science, U Kang, Ee-Peng Lim, Jeffrey Xu Yu, Yang-Sae Moon, Editor, Springer, Cham, pp.59-67, 2018

Refereed Congress / Symposium Publications in Proceedings

I. **A Review on Blockchain Applications in Fintech Ecosystem**

Karadag B., AKBULUT A., Zaim A. H.

International Conference on Advanced Creative Networks and Intelligent Systems (ICACNIS) - Blockchain Technology, Intelligent Systems, and the Applications for Human Life, Bandung, Indonesia, 23 November 2022, pp.12-16

II. **Deep Learning Approaches for Phantom Movement Recognition**

AKBULUT A., ASCI G., GÜNGÖR F., TARAKCI E., AYDIN M. A., Zaim A. H.

Medical Technologies Congress (TIPTEKNO), İzmir, Turkey, 3 - 05 October 2019, pp.487-490

III. **Software Versioning with Microservices through the API Gateway Design Pattern**

AKBULUT A., Perros H. G.

9th International Conference on Advanced Computer Information Technologies (ACIT), Cheske-Budejovice, Czech Republic, 5 - 07 June 2019, pp.289-292

IV. **Immersive Virtual Reality Games for Rehabilitation of Phantom Limb Pain**

AKBULUT A., GÜNGÖR F., TARAKCI E., Cabuk A., AYDIN M. A.

Medical Technologies Congress (TIPTEKNO), İzmir, Turkey, 3 - 05 October 2019, pp.334-337

V. **A Wearable Device for Virtual Cyber Therapy of Phantom Limb Pain**

AKBULUT A., ASCI G., TARAKCI E., AYDIN M. A., Zaim A. H.

International Conference on Artificial Intelligence and Data Processing (IDAP), Malatya, Turkey, 28 - 30 September 2018

VI. **Multi-Tenant Architectures in the Cloud: A Systematic Mapping Study**

KARATAŞ BAYDOĞMUŞ G., Can F., Dogan G., Konca C., AKBULUT A.

2017 International Artificial Intelligence and Data Processing Symposium (IDAP), Malatya, Turkey, 16 - 17 September 2017

VII. **Development of a Software Vulnerability Prediction Web Service Based on Artificial Neural Networks**

ÇATAL Ç., AKBULUT A., Ekenoglu E., Alemdaroglu M.

21st Pacific-Asia Conference on Knowledge Discovery and Data Mining (PAKDD), Jeju, South Korea, 23 May 2017, pp.59-67

VIII. **Can we predict software vulnerability with deep neural network?**

ÇATAL Ç., AKBULUT A., KARAKATIC S., PAVLINEK M., PODGORELEC V.

19th International Multiconference INFORMATION SOCIETY, Ljubljana, Slovenia, 10 - 11 November 2016

IX. **A Systematic Mapping Study on Software Architecture Recovery**

ÇATAL Ç., AKBULUT A., KARATAŞ G., SEZER Z. A.

International Conference on Computer Science and Engineering, Tekirdağ, Turkey, 20 - 23 October 2016

X. **Xamarin test bulutu üzerinde mobil uygulama testi**

Akbulut A., Çatal Ç., Demiray E., Özen O.

10th Turkish National Software Engineering Symposium, UYMS 2016, Çanakkale, Turkey, 24 - 26 October 2016, vol.1721, pp.251-259

XI. **Bilgisayar Destekli Otizm Terapi Sistemi Tasarımı**

AKBULUT A.

Tip Teknolojileri Ulusal Kongresi, TIPTEKNO'15, Muğla, Turkey, 15 - 18 October 2015

- XII. **Computer Aided Autism Therapy System Design**
AKBULUT A.
Medical Technologies National Conference (TIPTEKNO), Bodrum, Turkey, 15 - 18 October 2015
- XIII. **HMM based classification of sports videos using color feature**
Hanna J., Patlar Akbulut F., Akbulut A., Mendi E., Bayrak C.
2012 6th IEEE International Conference Intelligent Systems, IS 2012, Sofija, Bulgaria, 6 - 08 September 2012, pp.388-390
- XIV. **Agent based pornography filtering system**
Akbulut A., Patlar Akbulut F., Bayrak C., Mendi E., Hanna J.
International Symposium on INnovations in Intelligent SysTems and Applications, INISTA 2012, Trabzon, Turkey, 2 - 04 July 2012
- XV. **Accessing to Data in WSNs**
AKBULUT A., AYDIN M. A., ATMACA T., ZAİM A. H.
International Conference on Networking and Future Internet ICNFI 2012, İstanbul, Turkey, 25 - 27 June 2012
- XVI. **Agent based production line monitoring system**
Akbulut A., Patlar Akbulut F.
IADIS International Conference Intelligent Systems and Agents 2011, Part of the IADIS Multi Conference on Computer Science and Information Systems 2011, MCCSIS 2011, Rome, Italy, 24 - 26 July 2011, pp.82-86
- XVII. **Design of speaker independent turkish speech control system in noisy vehicle environment**
Patlar Akbulut F., Akbulut A.
IASTED International Conference on Signal and Image Processing and Applications, SIPA 2011, Crete, Greece, 22 - 24 June 2011, pp.93-97
- XVIII. **Wireless sensor networks for space and Solar-system missions**
Akbulut A., Patlar Akbulut F., Zaim A. H., Yilmaz G.
5th International Conference on Recent Advances in Space Technologies, RAST 2011, İstanbul, Turkey, 9 - 11 June 2011, pp.616-618
- XIX. **GIS Application Design For Public Health Care System using Dijkstra's Algorithms**
PATLAR AKBULUT F., AKBULUT A.
2nd International Symposium on Computing in Science and Engineering Conference, Aydın, Turkey, 8 - 10 August 2011, pp.616-618
- XX. **Energy and Distance Factor Based Routing Protocol for Wireless Sensor Networks Using Mobile Agents**
AKBULUT A., PARMAKSIZOĞLU C., ZAİM A. H., YILMAZ G.
5th International Conference IEEE Recent Advances in Space Technologies (RAST), İstanbul, Turkey, 9 - 11 June 2011, pp.399-402
- XXI. **RFID Destekli Eş Zamanlı Sınav Sistemi**
KIRATLI G., TARAKCIO S., AKBULUT A.
Akıllı Sistemlerde Yenilikler Ve Uygulamaları Sempozyumu 2010, Kayseri, Turkey, 21 - 24 August 2010
- XXII. **Triphone based continuous speech recognition system for Turkish language using hidden Markov model**
Patlar Akbulut F., Akbulut A.
12th IASTED International Conference on Signal and Image Processing, SIP 2010, Maui, HI, United States Of America, 23 - 25 August 2010, pp.13-17
- XXIII. **Ajan Tabanlı e-Ticaret Sistemlerinde İçerik Yönetimi**
AKBULUT A., YILMAZ G.
III. İstanbul Bilişim Kongresi 2009, İstanbul, Turkey, 29 - 31 May 2009
- XXIV. **An autonomous decision support system prototype for supply management in e-Commerce systems**
Gelmez B., Sancar M., Yilmaz G., Akbulut A.
e-Commerce 2008, MCCSIS'08 - IADIS Multi Conference on Computer Science and Information Systems, Amsterdam, Netherlands, 25 - 27 July 2008, pp.326-328

- XXV. **An Autonomous Decision Support System Prototype For Supply Management In e Commerce Systems**
GELMEZ B., SANCAR M., YILMAZ G., AKBULUT A.
IADIS International Conference e-Commerce 2008, Amsterdam, Netherlands, 25 - 27 July 2008, pp.326-328
- XXVI. **An Architectural Model For Content Management In e Commerce Applications**
AKBULUT A., YILMAZ G.
IADIS International Conference e-Commerce 2007, Algavre, Portugal, 07 December 2006 - 09 December 2007
- XXVII. **Agent Based Virtual Assessment System for e Learning**
AKBULUT A., ÇAKIR M., YÜKSEK K.
International Future-Learning Conference On Innovations in Learning 2007, İstanbul, Turkey, 1 - 03 August 2007

Supported Projects

- Patlar Akbulut F., Akbulut A., Tarakci E., Research Project of the Presidency of Turkey Health Institutes (TÜSEB), NÖRALSİS-Sanal Klinik: Nörodejeneratif Hastalıkların Yönetiminde Giyilebilir Biyosensör Destekli Tele-izlem ve Tele-rehabilitasyon Sisteminin Geliştirilmesi, 2024 - 2026
- Akbulut A., TUBITAK Project, Temel Hareket Becerileri Analizinde Kullanılacak Yapay Zeka Temelli Ölçüm Aracının Geliştirilmesi: Aimove, 2022 - 2024
- Akbulut A., TUBITAK Project, Hayalet Uzun Sendromu Tedavisi için Sanal Gerçeklik ve Arttırılmış Gerçeklik Temelli Sistemin Geliştirilmesi, 2018 - 2020
- Akbulut A., TUBITAK Project, Büyük Veride Kişi Mahremiyetinin Korunması için Yazılım Tasarımı, 2018 - 2020

Memberships / Tasks in Scientific Organizations

IEEE , Member, 2017 - Continues, United States Of America

Scientific Refereeing

- TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, XTİNGE TEKNOLOJİ ANONİM ŞİRKETİ, Turkey, April 2024
- TUBITAK Project, 1501 - Industry R & D Projects Support Program, Istanbul Kultur University, Turkey, January 2024
- TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, Istanbul Kultur University, Turkey, October 2023
- TUBITAK Project, 1501 - Industry R & D Projects Support Program, Istanbul Kultur University, Turkey, November 2022
- TUBITAK Project, 1501 - Industry R & D Projects Support Program, Istanbul Kultur University, Turkey, November 2022
- TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, Istanbul Kultur University, Turkey, July 2022
- TUBITAK Project, 1501 - Industry R & D Projects Support Program, Istanbul Kultur University, Turkey, May 2022
- TUBITAK Project, 1501 - Industry R & D Projects Support Program, Istanbul Kultur University, Turkey, April 2022
- TUBITAK Project, 1501 - Industry R & D Projects Support Program, Istanbul Kultur University, Turkey, November 2021
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