

## Prof. AHMET YAZICI

### Personal Information

**Office Phone:** [+90 222 239 3750](tel:+902222393750)

**Fax Phone:** [+90 222 239 3613](tel:+902222393613)

**Email:** [ayazici@ogu.edu.tr](mailto:ayazici@ogu.edu.tr)

**Web:** <https://cisar.ogu.edu.tr/>

**Address:** Eskişehir Osmangazi Üniversitesi, Teknoloji ve İnovasyon Merkezi (TİM) Binası (ESOGÜ Otel Sırası), Kat 1 (Akıllı Sistemler Uygulama ve Araştırma Merkezi), Meşelik Kampüsü, 26480, Eskişehir, Türkiye.

### International Researcher IDs

ScholarID: OwbTeWUAAAAJ

ORCID: 0000-0001-5589-2032

Publons / Web Of Science ResearcherID: ABE-9333-2021

ScopusID: 15836109300

Yoksis Researcher ID: 17265

### Biography

Ahmet Yazıcı received the Ph.D. degree from Eskişehir Osmangazi University (ESOGU) in control systems in 2005. He was a member of the OSU-ACT Team in 2007 Darpa Urban Challenge. He has been with the Department of Computer Engineering, Eskişehir Osmangazi University since 2005. He is founder of Intelligent Factory and Robotic Laboratory (2016) and ESOGU Center for Intelligent Systems Research (CISAR) (2020).

CISAR has also good cooperation with Large Industries, SMEs and Research Institutions in Turkey and Europe. It provides practical solutions to real world problems and develop commercial-ready products cooperation with industry. As a result, CISAR has been successful in the realization of numerous industry-based research projects with major national and international organizations.

### Education Information

Doctorate, Eskişehir Osmangazi University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (Dr), Turkey 2001 - 2005

Postgraduate, Eskişehir Osmangazi University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (YI) (Tezli), Turkey 1998 - 2001

Undergraduate, Eskişehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 1993 - 1998

### Dissertations

Doctorate, Doğrusal olmayan programlama yöntemlerinin sistem denetiminde kullanımı, Eskişehir Osmangazi University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (Dr), 2005

Postgraduate, Kayma Kipli Kontrol Yaklaşımlarının Ters sarkaç Sistemine Uygulanması, Eskişehir Osmangazi University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (YI) (Tezli), 2000

## Research Areas

Robotics and Mechatronics Systems, Artificial Intelligence, Computer Learning and Pattern Recognition, Engineering and Technology

## Academic Titles / Tasks

Professor, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Bilgisayar Mühendisliği, 2021 - Continues  
Associate Professor, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Bilgisayar Mühendisliği, 2015 - 2021

Assistant Professor, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Bilgisayar Mühendisliği, 2007 - 2015

Expert, The Ohio State University, College Of Engineering, Electrical And Computer Engineering, 2007 - 2007

Research Assistant, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Elektrik Elektronik Mühendisliği Bölümü, 1998 - 2006

## Academic and Administrative Experience

Director of the Center, Eskisehir Osmangazi University, Rektörlük, Akıllı Sistemler Uygulama ve Araştırma Merkezi, 2020 - Continues

Uygulama ve Araştırma Merkezi Yönetim Kurulu Üyesi, Eskisehir Osmangazi University, Rektörlük, 2014 - 2020

Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Bilgisayar Mühendisliği Bölümü, 2010 - 2019

Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Bilgisayar Mühendisliği Bölümü, 2015 - 2018

Bölüm Kalite Komisyonu Başkanı, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Bilgisayar Mühendisliği, 2010 - 2018

Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Bilgisayar Mühendisliği Bölümü, 2013 - 2015

Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Bilgisayar Mühendisliği Bölümü, 2007 - 2010

## Advising Theses

Yazıcı A., Sariçiçek I., Reinforcement Learning Based Route Planning for Electric Vehicles, Doctorate, Ö.ASLAN(Student), 2022

Yazıcı A., Çınar E., FİLO TABANLI VERİ ODAKLI HATA TEŞHİS SİSTEMİ GELİŞTİRİLMESİ, Postgraduate, M.YILMAZ(Student), 2020

Yavuz H. S., Yazıcı A., Otonom taşıyıcı araçlar için yüksek çözünürlüklü harita güncelleme, Postgraduate, M.OĞUZ(Student), 2018

Yazıcı A., Eğitim ve araştırma amaçlı gezgin robot geliştirilmesi, Postgraduate, M.AKÇAKOCA(Student), 2017

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A novel conflict free routing with multi pickup delivery tasks for autonomous vehicles**  
SARIÇİÇEK İ., YAZICI A., ASLAN Ö.  
ROBOTIC INTELLIGENCE AND AUTOMATION, vol.43, pp.191-206, 2023 (SCI-Expanded)
- II. **An Online Distance Tracker for Verification of Robotic Systems' Safety**  
Guclu E., ÖRNEK Ö., ÖZKAN M., YAZICI A., Demirci Z.  
Sensors (Basel, Switzerland), vol.23, no.6, 2023 (SCI-Expanded)
- III. **Safety Verification of Multiple Industrial Robot Manipulators with Path Conflicts Using Model Checking**  
ÖZKAN M., Demirci Z., ASLAN Ö., YAZICI A.

- Machines, vol.11, no.2, 2023 (SCI-Expanded)
- IV. **Runtime Verification for Anomaly Detection of Robotic Systems Security**  
KIRCA Y. S., DEĞİRMENCİ E., Demirci Z., YAZICI A., ÖZKAN M., Ergun S., Kanak A.  
Machines, vol.11, no.2, 2023 (SCI-Expanded)
- V. **Multisensory data fusion-based deep learning approach for fault diagnosis of an industrial autonomous transfer vehicle**  
GÜLTEKİN Ö., ÇINAR E., ÖZKAN K., YAZICI A.  
Expert Systems with Applications, vol.200, 2022 (SCI-Expanded)
- VI. **Real-Time Fault Detection and Condition Monitoring for Industrial Autonomous Transfer Vehicles Utilizing Edge Artificial Intelligence**  
Gültekin Ö., Çinar E., Özkan K., Yazıcı A.  
SENSORS, vol.22, no.9, pp.1-16, 2022 (SCI-Expanded)
- VII. **A novel deep learning approach for intelligent fault diagnosis applications based on time-frequency images**  
Gültekin Ö., Çinar E., Özkan K., Yazıcı A.  
NEURAL COMPUTING & APPLICATIONS, vol.34, no.6, pp.4803-4812, 2022 (SCI-Expanded)
- VIII. **An IoT-Based Monitoring System for Induction Motor Faults Utilizing Deep Learning Models**  
Irgat E., ÇINAR E., Ünsal A., YAZICI A.  
Journal of Vibration Engineering and Technologies, 2022 (SCI-Expanded)
- IX. **Energy efficient routing and task scheduling for autonomous transfer vehicles in intra logistics**  
SARIÇİÇEK İ., Keser S., Cibi A., Ozdemir T., YAZICI A.  
Kuwait Journal of Science, vol.49, no.1, 2022 (SCI-Expanded)
- X. **The VALU3S ECSEL project: Verification and validation of automated systems safety and security**  
Agirre J., Etxeberria L., Barbosa R., Basagiannis S., Giantamidis G., Bauer T., Ferrari E., Labayen Esnaola M., Orani V., Öberg J., et al.  
Microprocessors and Microsystems, vol.87, 2021 (SCI-Expanded)
- XI. **High-definition map update framework for intelligent autonomous transfer vehicles**  
Tas M. O., YAVUZ H. S., YAZICI A.  
JOURNAL OF EXPERIMENTAL & THEORETICAL ARTIFICIAL INTELLIGENCE, vol.33, no.5, pp.847-865, 2021 (SCI-Expanded)
- XII. **Visual object detection for autonomous transport vehicles in smart factories**  
Gençeç N., Eker O., ÇEVİKALP H., YAZICI A., YAVUZ H. S.  
Turkish Journal of Electrical Engineering and Computer Sciences, vol.29, no.4, pp.2101-2115, 2021 (SCI-Expanded)
- XIII. **RELIABILITY-BASED MULTI-ROBOT ROUTE PLANNING**  
Yayan U., YAZICI A.  
INTERNATIONAL JOURNAL OF ROBOTICS & AUTOMATION, vol.34, no.3, pp.266-272, 2019 (SCI-Expanded)
- XIV. **A Multi-Criteria Decision Strategy to Select a Machine Learning Method for Indoor Positioning System**  
YAZICI A., BOZKURT KESER S., GÜNAL S., Yayan U.  
INTERNATIONAL JOURNAL ON ARTIFICIAL INTELLIGENCE TOOLS, vol.27, no.5, 2018 (SCI-Expanded)
- XV. **An F-Score-Weighted Indoor Positioning Algorithm Integrating WiFi and Magnetic Field Fingerprints**  
BOZKURT KESER S., YAZICI A., GÜNAL S.  
MOBILE INFORMATION SYSTEMS, vol.2018, 2018 (SCI-Expanded)
- XVI. **A Low Cost Ultrasonic Based Positioning System for the Indoor Navigation of Mobile Robots**  
Yayan U., Yucel H., YAZICI A.  
JOURNAL OF INTELLIGENT & ROBOTIC SYSTEMS, vol.78, pp.541-552, 2015 (SCI-Expanded)
- XVII. **A Dynamic Path Planning Approach for Multirobot Sensor-Based Coverage Considering Energy Constraints**  
YAZICI A., Kirlik G., PARLAKTUNA O., SİPAHIOĞLU A.  
IEEE TRANSACTIONS ON CYBERNETICS, vol.44, no.3, pp.305-314, 2014 (SCI-Expanded)
- XVIII. **A Smooth Tour Construction Approach for a Mobile Robot with Kinematic Constraints**

- YAZICI A.  
INTERNATIONAL JOURNAL OF ADVANCED ROBOTIC SYSTEMS, vol.10, 2013 (SCI-Expanded)
- XIX. **A solution to security constrained non-convex economic dispatch problem by modified subgradient algorithm based on feasible values**  
FADIL S., YAZICI A., URAZEL B.  
INTERNATIONAL JOURNAL OF ELECTRICAL POWER & ENERGY SYSTEMS, vol.43, no.1, pp.849-858, 2012 (SCI-Expanded)
- XX. **A pattern-based genetic algorithm for multi-robot coverage path planning minimizing completion time**  
KAPANOĞLU M., Alikalfa M., ÖZKAN M., YAZICI A., PARLAKTUNA O.  
JOURNAL OF INTELLIGENT MANUFACTURING, vol.23, no.4, pp.1035-1045, 2012 (SCI-Expanded)
- XXI. **A nonlinear programming technique to compute a tight lower bound for the real structured singular value**  
YAZICI A., KARAMANCIOĞLU A., Kasimbeyli R.  
OPTIMIZATION AND ENGINEERING, vol.12, no.3, pp.445-458, 2011 (SCI-Expanded)
- XXII. **A Security-constrained Economic Power Dispatch Technique Using Modified Subgradient Algorithm Based on Feasible Values and Pseudo Scaling Factor for a Power System Area Including Limited Energy Supply Thermal Units**  
FADIL S., YAZICI A., URAZEL B.  
ELECTRIC POWER COMPONENTS AND SYSTEMS, vol.39, no.16, pp.1748-1768, 2011 (SCI-Expanded)
- XXIII. **Energy constrained multi-robot sensor-based coverage path planning using capacitated arc routing approach**  
SİPAHİOĞLU A., Kirlik G., PARLAKTUNA O., YAZICI A.  
ROBOTICS AND AUTONOMOUS SYSTEMS, vol.58, no.5, pp.529-538, 2010 (SCI-Expanded)
- XXIV. **A Multi-Robot Control Architecture for Fault-Tolerant Sensor-Based Coverage**  
ÖZKAN M., Kirlik G., PARLAKTUNA O., Yufka A., YAZICI A.  
INTERNATIONAL JOURNAL OF ADVANCED ROBOTIC SYSTEMS, vol.7, no.1, pp.67-74, 2010 (SCI-Expanded)
- XXV. **Heuristic-Based Dynamic Route Planning Method for a Homogeneous Multi-robot Team**  
YAZICI A., SİPAHİOĞLU A., PARLAKTUNA O.  
ADVANCED ROBOTICS, vol.23, no.3, pp.269-287, 2009 (SCI-Expanded)
- XXVI. **Real-time tour construction for a mobile robot in a dynamic environment**  
SİPAHİOĞLU A., YAZICI A., PARLAKTUNA O., GÜREL U.  
ROBOTICS AND AUTONOMOUS SYSTEMS, vol.56, no.4, pp.289-295, 2008 (SCI-Expanded)
- XXVII. **A VRP-based route planning for a mobile robot group**  
PARLAKTUNA O., SİPAHİOĞLU A., YAZICI A.  
Turkish Journal of Electrical Engineering and Computer Sciences, vol.15, no.2, pp.187-197, 2007 (SCI-Expanded)
- XXVIII. **A linear-programming-based sliding-mode control design for stabilization of a double-inverted pendulum**  
YAZICI A., KARAMANCIOĞLU A.  
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART I-JOURNAL OF SYSTEMS AND CONTROL ENGINEERING, vol.220, pp.315-321, 2006 (SCI-Expanded)
- XXIX. **Nonlinear programming-based sliding mode control with an application in the stabilization of an Acrobot**  
YAZICI A., KARAMANCIOĞLU A., Gasimov R.  
ENGINEERING OPTIMIZATION, vol.38, no.1, pp.113-127, 2006 (SCI-Expanded)
- XXX. **A nonlinear programming approach for the sliding mode control design**  
Gasimov R., KARAMANCIOĞLU A., YAZICI A.  
APPLIED MATHEMATICAL MODELLING, vol.29, no.11, pp.1135-1148, 2005 (SCI-Expanded)
- XXXI. **A nonlinear programming technique to compute the real structured singular value**  
YAZICI A., KARAMANCIOĞLU A., GASIMOV R.  
Applied And Computational Mathematics, vol.4, no.1, 2005 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Multi-resolution Modeling of Human with OctoMap for Human-Robot Interaction Studies**  
ÖRNEK Ö., YAZICI A., Ozkan M.  
Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, vol.25, no.74, pp.303-316, 2023 (Peer-Reviewed Journal)
- II. **MARVer: Robotik Sistemlerin Emniyetini Doğrulama Aracı**  
DEMİRCİ Z., ÖZKAN M., Şahin M. T., Ergün H. C., YAZICI A.  
Fırat Üniversitesi Uzay ve Savunma Teknolojileri dergisi, vol.1, no.1, pp.300-305, 2023 (Peer-Reviewed Journal)
- III. **A TIGHTLY COUPLED HEADING AND POSITIONING SYSTEM FOR INDOOR NAVIGATION OF MOBILE ROBOTS**  
Yücel H., Edizkan R., Yazıcı A.  
Eskişehir Osmangazi Üniversitesi mühendislik ve mimarlık fakültesi dergisi (online), vol.29, no.3, pp.346-355, 2021 (Peer-Reviewed Journal)
- IV. **Verification and validation of an automated robot inspection cell for automotive body-in-white: a use case for the VALU3S ECSEL project**  
Kanak A., Ergün S., Yazıcı A., Özkan M., Çokünlü G., Yayan U.  
Open Research Europe, vol.1, no.115, pp.1-20, 2021 (Scopus)
- V. **KESTİRİMCİ BAKIMDA MAKİNE ÖĞRENMESİ: LİTERATÜR ARAŞTIRMASI**  
Dündar D. R., SARIÇİÇEK İ., ÇINAR E., YAZICI A.  
ESOGÜ Mühendislik Mimarlık Fakültesi Dergisi, vol.29, no.2, pp.256-276, 2021 (Peer-Reviewed Journal)
- VI. **KESTİRİMCİ BAKIMDA MAKİNE ÖĞRENMESİ: LİTERATÜR ARAŞTIRMASI**  
Dündar D. R., ÇINAR E., SARIÇİÇEK İ., YAZICI A.  
Eskişehir Osmangazi Üniversitesi mühendislik ve mimarlık fakültesi dergisi (online), vol.29, no.2, pp.256-276, 2021 (Peer-Reviewed Journal)
- VII. **BAKIM FAALİYETLERİNİ DİKKATE ALAN MAKİNE ÇİZELGELEME: LİTERATÜR ARAŞTIRMASI**  
DÜNDAR D. R., SARIÇİÇEK İ., YAZICI A.  
Uludağ University Journal of The Faculty of Engineering, vol.26, no.2, pp.737-756, 2021 (Peer-Reviewed Journal)
- VIII. **AN EXPERIMENTAL EVALUATION OF INTELLIGENT FAULT DETECTION AND CLASSIFICATION FOR INDUCTION MOTORS UTILIZING MACHINE LEARNING APPROACHES**  
KASAP M., ÇINAR E., YAZICI A., ÖZKAN K.  
ESOGÜ Müh Mim Fak Derg, vol.29, no.2, pp.126-136, 2021 (Peer-Reviewed Journal)
- IX. **VERİ ODAKLI HATA TEŞHİS SİSTEMİ GELİŞTİRİLMESİ**  
Yılmaz M., Yazıcı A., Çınar E.  
Eskişehir Osmangazi Üniversitesi Mühendislik Mimarlık Fakültesi Dergisi, vol.28, pp.289-298, 2020 (Peer-Reviewed Journal)
- X. **İÇ LOJİSTİKTE OTONOM ROBOTLAR İÇİN GÖREV PLANLAMASI**  
BOZKURT KESER S., SARIÇİÇEK İ., YAZICI A.  
Eskişehir Osmangazi Üniversitesi Mühendislik ve Mimarlık Fakültesi Dergisi, vol.28, no.2, pp.94-106, 2020 (Peer-Reviewed Journal)
- XI. **Akıllı Fabrikalardaki Otonom Taşıyıcılar için Bulanık Mantık Tabanlı Anomali Tespiti**  
ÖRNEK Ö., GÜLBANDILAR E., YAZICI A.  
Eskişehir Osmangazi Üniversitesi Mühendislik ve Mimarlık Fakültesi Dergisi, vol.28, no.1, pp.53-61, 2020 (Peer-Reviewed Journal)
- XII. **Trafik Ağlarında Anomali Tespiti**  
ÖRNEK Ö., YAZICI A., VATAN S., SARIOĞLU S.  
Eskişehir Osmangazi Üniversitesi Mühendislik ve Mimarlık Fakültesi Dergisi, vol.26, no.3, pp.132-138, 2018 (Peer-Reviewed Journal)
- XIII. **A V2V System Module for Inter Vehicle Communication**  
özdemir ö., kılıç i., YAZICI A., ÖZKAN K.  
Applied Mechanics and Materials, vol.850, pp.16-22, 2016 (Peer-Reviewed Journal)

- XIV. **A MULTI CRITERIA HEURISTIC ALGORITHM FOR PERSONALIZED ROUTE PLANNING**  
BOZKURT KESER S., YAZICI A., GÜNAL S.  
Anadolu University Journal of Science and Technology-A Applied Sciences and Engineering, vol.17, no.2, pp.299-313, 2016 (Peer-Reviewed Journal)
- XV. **A priori verification and validation study of RFKON database**  
BOZKURT KESER S., Yayan U., YAZICI A., GÜNAL S.  
International Journal of Computer Science: Theory and Application, vol.5, pp.20-27, 2016 (Peer-Reviewed Journal)
- XVI. **Nonlinear Model Predictive Swing-Up and Stabilizing Sliding Mode Controllers**  
KAHVECİOĞLU S., KARAMANCIOĞLU A., YAZICI A.  
World Academy of Science Engineering and Technology, vol.3, no.9, pp.1041-1046, 2009 (Peer-Reviewed Journal)
- XVII. **A Nonlinear Programming Approach For The Swing Up Control Problem**  
YAZICI A., KARAMANCIOĞLU A.  
Journal of Engineering and Architectural Faculty of Eskişehir Osmangazi University, vol.21, no.2, pp.109-124, 2008 (Peer-Reviewed Journal)
- XVIII. **Doğrusal kuadratik control altındaki ters sarkaç sisteminin gürbüzlük incelenmesi**  
YAZICI A., KARAMANCIOĞLU A.  
Dumlupınar Üniversitesi Fen Bilimleri Enstitüsü Dergisi, no.10, pp.75-86, 2006 (Peer-Reviewed Journal)
- XIX. **Structured robust stability analysis of an inverted pendulum system with a fixed feedback**  
YAZICI A., KARAMANCIOĞLU A.  
ESOGÜ Mühendislik-Mimarlık Fakültesi Dergisi, vol.18, no.2, pp.55-70, 2005 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Anormal Durum Tespiti Uygulamaları**  
DEĞİRMENCİ E., ÖRNEK Ö., YAZICI A.  
in: Yapay Zeka ve Büyük Veri: Endüstri 4.0 ve Yapay Zeka, Sağiroğlu Şeref, Demirezen Mustafa Umut, Yazıcı Ahmet, Editor, Nobel Yayınevi, pp.215-242, 2021
- II. **Otonom Robot Uygulamaları**  
ÖZKAN M., YAZICI A.  
in: Yapay Zeka ve Büyük Veri: Endüstri 4.0 ve Yapay Zeka, Sağiroğlu Şeref, Demirezen Mustafa Umut, Yazıcı Ahmet, Editor, Nobel Yayınevi, pp.51-82, 2021
- III. **İç ortam Konumlandırma Sistemleri ve Konum Tabanlı Uygulamalar**  
YAZICI A., BOZKURT KESER S., YAYAN U.  
in: Yapay Zeka ve Büyük Veri: Endüstri 4.0 ve Yapay Zeka, Sağiroğlu Şeref, Demirezen Mustafa Umut, Yazıcı Ahmet, Editor, Nobel Yayınevi, pp.183-214, 2021
- IV. **Otonom Robot Uygulamaları**  
ÖZKAN M., YAZICI A.  
in: Yapay Zekâ ve Büyük Veri Kitap Serisi 2: YAPAY ZEKÂ VE BÜYÜK VERİ: ENDÜSTRİ 4.0 VE YAPAY ZEKÂ, Sağiroğlu Şeref, Demirezen Mustafa Umut, Yazıcı Ahmet, Editor, Nobel Akademik Yayıncılık, Ankara, pp.51-79, 2021
- V. **Endüstriyel Uygulamalarda Yapay Zeka**  
YAZICI A.  
in: Yapay Zeka ve Büyük Veri: Endüstri 4.0 ve Yapay Zeka, Sağiroğlu Şeref, Demirezen Mustafa Umut, Yazıcı Ahmet, Editor, Nobel Yayınevi, pp.1-18, 2021
- VI. **Veri tabanı Programlamaya Giriş**  
YAZICI A.  
in: Veritabanı Programlama, S.Aydın, G. Öztürk, Editor, AÜ Basımevi, Eskişehir, pp.2-19, 2016
- VII. **T-SOL Programlama**  
YAZICI A.  
in: Veritabanı Programlama, S.Aydın, G. Öztürk, Editor, AÜ Basımevi, Eskişehir, pp.20-39, 2016
- VIII. **Saklı Yordam ve Fonksiyon Kullanımı**

YAZICI A.

in: Veritabanı Programlama, S.Aydın, G. Öztürk, Editor, AÜ Basımevi, Eskişehir, pp.40-57, 2016

**IX. Pattern-Based Genetic Algorithm Approach to Coverage Path Planning for Mobile Robots**

KAPANOĞLU M., ÖZKAN M., YAZICI A., PARLAKTUNA O.

in: Computational Science – ICCS 2009, Allen, G., Nabrzyski, J., Seidel, E., van Albada, G.D., Dongarra, J., Sloot, P.M.A., Editor, SPRINGER, pp.33-42, 2009

## Refereed Congress / Symposium Publications in Proceedings

- I. **Elektrikli Araçlar İçin Rota Planlama Üzerine Bir Derleme**  
ASLAN Ö., YAZICI A., SARIÇİÇEK İ.  
2. International Black Sea Modern Scientific Research Congress, Rize, Turkey, 21 - 22 December 2022, pp.1-15
- II. **Graph-Based Anomaly Detection Approach for an Autonomous Mobile Robot**  
Yılmaz M., ÇINAR E., YAZICI A.  
10th International Conference on Advanced Technologies (ICAT'22), Turkey, 25 - 27 November 2022
- III. **RDF-Based Semantic for Condition Monitoring of Autonomous Mobile Robot**  
Yılmaz M., ÇINAR E., YAZICI A.  
2021 2nd International Informatics and Software Engineering Conference (IISEC), 16 December 2021
- IV. **The Effects of Autoencoders on the Robustness of Deep Learning Models Saldırı Tespit Sistemlerindeki Otokodlayıcıların Derin Öğrenme Modellerinin Güçlülüğüne Etkisi**  
DEĞİRMENCİ E., ÖZÇELİK İ., YAZICI A.  
30th Signal Processing and Communications Applications Conference, SIU 2022, Safranbolu, Turkey, 15 - 18 May 2022
- V. **Multidimensional Framework for Characterizing Verification and Validation of Automated Systems**  
Agirre J. A., YAZICI A., Di Blasio K., Luis de la Vara J., Sangchoolie B., YAYAN U., Barbosa R., Etxeberria L., Nazaria M., Karaca M.  
18th European Dependable Computing Conference (EDCC), Zaragoza, Spain, 12 - 15 September 2022, pp.41-48
- VI. **Effects of un targeted Adversarial Attacks on Deep Learning Methods**  
DEĞİRMENCİ E., ÖZÇELİK İ., YAZICI A.  
15th International Conference on Information Security and Cryptography, ISCTURKEY 2022, Ankara, Turkey, 19 - 20 October 2022, pp.8-12
- VII. **The VALU3S ECSEL Project: Verification and Validation of Automated Systems Safety and Security**  
Barbosa R., Basagiannis S., Becker H., Jahic J., Kanak A., Esnaola M. L., Orani V., Pereira D., Pomante L., Schlick R., et al.  
23rd Euromicro Conference on Digital System Design (DSD), Kranj, Slovenia, 26 - 28 August 2020, pp.352-359
- VIII. **Sürüş, Görüntüsünden Belirginlik Haritasını Çıkarmak için Dikkat Modeli**  
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