

Assoc. Prof. Barış ÖZYER



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International Researcher IDs

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Education Information

Doctorate, Middle East Technical University, Faculty Of Engineering, Department Of Electrical And Electronics Engineering, Turkey 2002 - 2012

Undergraduate, Erciyes University, Mühendislik Fakültesi, Elektrik- Elektronik Mühendisliği , Turkey 1997 - 2002

Biography

After graduating from Izmir Karşıyaka Anatolian High School, Barış Özyer completed his undergraduate studies in Electronic Engineering at Erciyes University in 2002. In 2012, he completed his PhD at the Department of Electrical and Electronics Engineering at Middle East Technical University (METU) under the supervision of Prof. Dr. İsmet Erkmen and Prof. Dr. Aydan Erkmen. From 2002 to 2013, he worked as a research assistant in the same department. During his doctoral studies, he conducted research as an intern researcher at the ATR Computational Neuroscience Laboratory in Japan under the supervision of Prof. Dr. Erhan Öztop between 2007 and 2008. He served as the Examination Coordinator and Deputy Chair of the Computer Engineering Department at Atatürk University's Faculty of Engineering. He has been involved as a project coordinator, researcher, and consultant in national and international projects supported by organizations such as TÜBİTAK, TÜBİTAK-TEYDEB, and BAP. In recent years, the focus of his research has been on applying artificial learning and vision algorithms to various research problems in robotics, child psychiatry, wildlife monitoring, human behavior perception, and natural language processing, as well as developing new methods. He is also interested in robotic manipulator dynamics, kinematics, and control theory. He is one of the co-founders of the Computer Vision and Intelligent Systems Laboratory (CogviLab).

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Momentum Transfer Continuum Between Preshape and Grasping Based on Fluidics, Orta Doğu Teknik

Üniversitesi, Mühendislik Fakültesi, Elektrik Ve Elektronik Mühendisliği, 2012

Research Areas

Controllers, Computer Vision, Humanoid Robots, Pattern Recognition and Image Processing

Academic Titles / Tasks

Associate Professor, Ataturk University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2022 - Continues
Assistant Professor, Ataturk University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2014 - 2022
Research Assistant PhD, Ataturk University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği, 2013 - 2014
Research Assistant, Middle East Technical University, Faculty Of Engineering, Elektrik Ve Elektronik Mühendisliği, 2002 - 2013
Researcher, ATR, Computational Neuroscience Laboratories (CNS), Japan, 2007 - 2008

Academic and Administrative Experience

Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Ataturk University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2021 - 2022
Deputy Head of Department, Ataturk University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2015 - 2020
Exam Program Preparation Commission Member, Ataturk University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2014 - 2015

Courses

Elective Design II, Undergraduate, 2023 - 2024, 2022 - 2023
Programlamaya Giriş-İÖ, Undergraduate, 2024 - 2025, 2022 - 2023
Manipulator Control Theory and Applications, Doctorate, 2023 - 2024, 2022 - 2023, 2021 - 2022
Kontrol Sistemleri, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021
Signals and Systems, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022
Signals and Systems, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022
Elective Design İÖ, Undergraduate, 2023 - 2024, 2022 - 2023
Introduction to Programming, Undergraduate, 2023 - 2024, 2022 - 2023
Introduction to Computer Engineering, Undergraduate, 2023 - 2024, 2022 - 2023
Seçmeli Tasarım-1 ÖÖ, Undergraduate, 2023 - 2024, 2022 - 2023
Introduction to Computer Engineering, Undergraduate, 2023 - 2024, 2022 - 2023
Engineering Design, Undergraduate, 2023 - 2024, 2022 - 2023
Introduction to Computer Engineering, Undergraduate, 2023 - 2024, 2022 - 2023
Elective Design I, Undergraduate, 2023 - 2024, 2022 - 2023
Microcontrollers, Undergraduate, 2021 - 2022
Computer Vision, Doctorate, 2020 - 2021
Intelligent Robotics, Postgraduate, 2020 - 2021
Introduction to Computer Engineering, Undergraduate, 2021 - 2022
Object-oriented Programming , Undergraduate, 2017 - 2018
Embedded Systems, Undergraduate, 2016 - 2017
Statistics and Propability, Undergraduate, 2015 - 2016
Visual Programming, Undergraduate, 2013 - 2014
Introduction to Robotics, Undergraduate, 2013 - 2014

Advising Theses

- Özyer B., İnsansız hava ve kara araçları için bilgisayarlı görme tabanlı hata toleranslı kontrol algoritması geliştirilmesi, Doctorate, E.ÇİNTAŞ(Student), Continues
- Özyer B., İnsansız Hava Araçlarının Gerçek Zamanlı Otonom Kontrolü için Yapay Sinir Ağı Tabanlı Görsel Algılama Mimarilerinin Geliştirilmesi, Doctorate, E.ŞİMŞEK(Student), Continues
- Özyer B., Belirsiz Bir Ortamda Benmerkezci Görüşten Görsel-Dilin Çıkarılması, Doctorate, S.KAÇDIOĞLU(Student), Continues
- Özyer B., Development of ontology based multitasking mobile robot system: An industry 4.0 application, Postgraduate, S.UĞUZ(Student), 2023
- Özyer B., Detection and Analysis of Attention Deficit and Hyperactivity Disorder in Children with Supervised Learning Algorithms by Extracting Geometric Features from Facial Images, Postgraduate, S.BUĞRAHAN(Student), 2022
- Özyer B., Determination of Difficulty Level of Atatürk University Open Education Faculty Exam Questions with Artificial Intelligence Methods, Postgraduate, A.CANPOLAT(Student), 2021
- Özyer B., Agahian S., Recognition of Self- stimulatory Behaviours with Bag-of-Visual-Words Approach and Deep Learning Methods in Autism Spectrum Disorders, Postgraduate, S.KAÇDIOĞLU(Student), 2020
- Özyer B., Fachka C., Analysis of Watermarking Techniques Based on Discrete Wavelet Transformation in Biometric Data, Postgraduate, F.JORH(Student), 2020
- Özyer B., Fuzzy Logic Control of in Cabinet Temperature Distribution in Data Centers Through Autonomous Robots, Postgraduate, M.Bayram(Student), 2019
- Özyer B., Edge Computing Based Intelligent Visual Sensing Analysis for the Internet of Things (IoT), Postgraduate, E.Şimşek(Student), 2019
- Özyer B., Instant Route Suggestion System For The Warplanes With Using Semantic Web And Moving Object Database, Postgraduate, E.Cintaş(Student), 2018
- Özyer B., Teaching Different Tasks to Robots with Reinforcement Learning, Postgraduate, R.Özakar(Student), 2016

Jury Memberships

- Doctorate, Doctorate, Atatürk Üniversitesi, December, 2022
- Doctorate, Doctorate, Atatürk Üniversitesi, December, 2022
- Doctorate, Doctorate, Atatürk Üniversitesi, December, 2022
- Doctorate, Doctorate, Erciyes Üniversitesi, November, 2022
- Doctorate, Doctorate, Atatürk Üniversitesi, June, 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Leveraging foreground-background cues for semantically-driven, training-free moving object detection**
ŞİMŞEK E., Negin F., Özyer G. T., ÖZYER B.
Engineering Applications of Artificial Intelligence, vol.136, 2024 (SCI-Expanded)
- II. **Exploring the effect of image enhancement techniques with Deep Neural Networks on Direct Urinary System X-Ray (DUSX) images for automated kidney stone detection**
Kilic U., Karabey Aksakalli I., Tumuklu Ozyer G., Aksakalli T., Ozyer B., Adanur S.
INTERNATIONAL JOURNAL OF INTELLIGENT SYSTEMS, vol.2023, pp.1-10, 2023 (SCI-Expanded)
- III. **A hybrid IMM-JPDAF algorithm for tracking multiple sperm targets and motility analysis**
Tümüklü Özyer G., Özyer B., Negin F., Alarabi I., Agahian S.

NEURAL COMPUTING & APPLICATIONS, vol.34, no.20, pp.17407-17421, 2022 (SCI-Expanded)

- IV. **The effect of population and tourism factors on Covid-19 cases in Italy: Visual data analysis and forecasting approach**
Uguz S., Yağanoğlu M., Özyer B., Tümüklü Özyer G., Tokdemir G.
CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE, vol.34, no.6, 2022 (SCI-Expanded)
- V. **Vision-assisted recognition of stereotype behaviors for early diagnosis of Autism Spectrum Disorders**
Negin F., Özyer B., Agahian S., Kacdioglu S., Ozyer G. T.
NEUROCOMPUTING, vol.446, pp.145-155, 2021 (SCI-Expanded)
- VI. **Determination of Physical Properties and Thermal Conductivity of Graphite Foam with Image Analysis**
Mohammadimehr A., Solmus İ., Özyer B., Rees D. A. S.
INTERNATIONAL JOURNAL OF THERMOPHYSICS, vol.41, no.4, 2020 (SCI-Expanded)
- VII. **Vision-Based Moving UAV Tracking by Another UAV on Low-Cost Hardware and a New Ground Control Station**
Cintaş E., Özyer B., Şimşek E.
IEEE ACCESS, vol.8, pp.194601-194611, 2020 (SCI-Expanded)
- VIII. **Analysis of biometric data using watermarking techniques**
Jorh F., Özyer B., Fachkha C.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.28, no.6, pp.3235-3252, 2020 (SCI-Expanded)
- IX. **Adaptive fast sliding neural control for robot manipulator**
Özyer B.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.28, no.6, 2020 (SCI-Expanded)
- X. **Momentum transfer from preshape to grasping**
Ozyer B., Erkmen İ., Erkmen A. M.
Journal of Intelligent and Robotic Systems: Theory and Applications, vol.75, pp.173-191, 2014 (SCI-Expanded)
- XI. **From human grasping to robot grasping**
Oztop E., Ozyer B., Ugur E., Kawato M.
NEUROSCIENCE RESEARCH, vol.65, 2009 (SCI-Expanded)
- XII. **Biologically Inspired Grasping**
ÖZYER B., Oztop E., Cheng G., Kawato M.
NEUROSCIENCE RESEARCH, vol.61, pp.815, 2008 (SCI-Expanded)

Articles Published in Other Journals

- I. **Selected three frame difference method for moving object detection**
Simsek E., Özyer B.
International Journal of Intelligent Systems and Applications in Engineering, vol.9, no.2, pp.48-54, 2021 (Scopus)
- II. **Monthly Streamflow Forecasting Using Machine Learning**
Cintaş E., Tosunoğlu F., Hanay S., Özyer B.
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.13, no.3, pp.1242-1251, 2020 (Peer-Reviewed Journal)
- III. **Ontology-based Instantaneous Route Suggestion of Enemy Warplanes with Unknown Mission Profile**
Cintaş E., Özyer B., Hanay Y. S.
Sakarya University Journal Of Science, vol.24, no.5, pp.1-17, 2020 (Peer-Reviewed Journal)
- IV. **Improvement of Moving Object Detection by Pattern Recognition Methods**
Şimşek E., Tümüklü Özyer G., Özyer B.
BAYBURT FEN BİLİMLERİ DERGİSİ, vol.3, no.1, pp.9-15, 2020 (Peer-Reviewed Journal)
- V. **Deep Learning Based Human Detection in Camera-trap Images**
Şimşek E., Özyer B., Tümüklü Özyer G.

BAYBURT FEN BİLİMLERİ DERGİSİ, vol.3, no.1, pp.1-8, 2020 (Peer-Reviewed Journal)

- VI. **Object Detection on Camera-Trap Images with Local Features**
Şimşek E., Özyer B., Tümüklü Özyer G.
Gümüşhane Üniversitesi Fen Bilimleri Dergisi, vol.9, no.4, pp.633-644, 2019 (Peer-Reviewed Journal)
- VII. **Moving Object Detection and Localization in Camera-Trap Images**
Şimşek E., Özyer B., Tümüklü Özyer G.
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.12, no.2, pp.902-919, 2019 (Peer-Reviewed Journal)
- VIII. **Direction and Position Reconstruction on Mobile Robots**
Şimşek E., Tümüklü Özyer G., Özyer B.
Balkan Journal of Electrical and Computer Engineering, vol.3, 2015 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **İşletim Sistemleri**
Özyer B. (Editor)
Atatürk Üniversitesi Yayın Evi, Erzurum, 2021

Refereed Congress / Symposium Publications in Proceedings

- I. **Detection of Voices Generated by Artificial Intelligence with Deep Learning Methods Yapay Zeka Tarafından Üretilen Seslerin Derin Öğrenme Yöntemleriyle Tespiti**
ÖZTÜRK S. B., ÖZYER B., TEMİZ Ö.
32nd IEEE Conference on Signal Processing and Communications Applications, SIU 2024, Mersin, Turkey, 15 - 18 May 2024
- II. **Development of Intelligent Ground Control Station and Autopilot Architectures for UAVs and UGVs İHA ve İKA'lar için Akıllı Yer Kontrol İstasyonu ve Otomatik Pilot Mimarilerinin Geliştirilmesi**
Çintaş E., ÖZYER B.
32nd IEEE Conference on Signal Processing and Communications Applications, SIU 2024, Mersin, Turkey, 15 - 18 May 2024
- III. **Process Mining in Subject-Oriented Business Process Modeling**
TAYBA A., COŞKUNÇAY A., ÖZYER B., LEBLEBİCİ O., DEMİRÖRS O.
Ulusal Yazılım Mühendisliği Sempozyumu (UYMS'22), Erzurum, Turkey, 27 February 2023, vol.1360, pp.300-309
- IV. **Research Trends in Mobile Robots: A Comparative Analysis within the Periods Before and After the Industry 4.0 Revolution**
Uğuz S., Özyer B., Coşkunçay A.
12th International Conference on Industrial Technology and Management, Cambridge, England, 16 - 18 February 2023, pp.1-5
- V. **The Task of Picking Up Boxes Using a Robotic Manipulator Based on Semantic Knowledge**
ÖZTÜRK S. B., UĞUZ S., ÖZYER B., COŞKUNÇAY A.
Joint Ontology Workshops 2022 (JOWO 2022), Jönköping, Sweden, 15 August 2022
- VI. **Printed Circuit Board Surface Defect Detection using YOLOv4 algorithm**
KILIÇ U., KARABEY I., ÖZYER B.
1st International Conference on Advances in Engineering, Architecture, Science and Technology, Erzurum, Turkey, 15 December 2021
- VII. **Can Machines Talk? Turkish Voice Assistant and Chatbot Design with Artificial Intelligence in Erzurum Technical University**
ÇINTAŞ E., ŞİMŞEK E., ÖZYER B.
1st International Conference on Advances in Engineering, Architecture, Science and Technology, Erzurum, Turkey, 15 December 2021

- VIII. **Extracting Face Measurements on Children for ADHD Classification**
Esin I. S., Dursun O. B., Özyer B., Tümüklü Özyer G., Aktaş H., Öztürk S. B., Doğru H.
12th International Congress on Psychopharmacology & 8th International Symposium on Child and Adolescent Psychopharmacology (ICP 2021), Antalya, Turkey, 17 - 20 November 2021
- IX. **Analysis of visual sensory system based edge computing approach in IOT Nesnelerin interneti'nde görsel algılama sistemlerinin kenar bilişim yaklaşımı tabanlı analizi**
Simsek E., Özyer B.
29th IEEE Conference on Signal Processing and Communications Applications, SIU 2021, Virtual, Istanbul, Turkey, 9 - 11 June 2021
- X. **Weighting of Questions With Fasttext Algorithm in Multiple Choice Exams**
CANPOLAT A., ÖZYER B.
International Symposium on Applied Sciences and Engineering (ISASE-2021), Erzurum, Turkey, 07 April 2021, pp.242-244
- XI. **Recognizing Self-Stimulatory Behaviours for Autism Spectrum Disorders Otizm Spektrum Bozukluklarında Kendini Uyarıcı Davranışları Tanıma**
Kacdioglu S., Özyer B., Özyer G. T.
28th Signal Processing and Communications Applications Conference, SIU 2020, Gaziantep, Turkey, 5 - 07 October 2020
- XII. **Deep Learning-Based Alzheimer's Prediction and Fine-Tuning Transfer Learning**
ÇİNTAŞ E., ÖZYER B.
3rd International Instructional Technologies in Engineering Education Symposium (IITEE 2020), İzmir, Turkey, 17 - 18 September 2020
- XIII. **Sperm Detection and Analysis Using Feature Description Algorithms**
KESKENLER M. F., ŞİMŞEK E., TÜMÜKLÜ ÖZYER G., ÖZYER B., HAŞILOĞLU A.
2019 27th Signal Processing and Communications Applications Conference (SIU), Sivas, Turkey, 24 - 26 April 2019
- XIV. **Robotic Manipulator Control via Kinect Sensor**
Kurtbaşı Ş., Şimşek E., Tümüklü Özyer G., Özyer B.
5. Türkiye Robotbilim Konferansı (ToRK 2019), İstanbul, Turkey, 26 - 28 June 2019, pp.1
- XV. **Bouncy Robot Jumping Over an Obstacle**
Aydın Y. E., Tümüklü Özyer G., Özyer B.
5. Türkiye Robotbilim Konferansı (ToRK 2019), İstanbul, Turkey, 26 - 28 June 2019, pp.1
- XVI. **Flags Analysis for Estimation of Countries Religion and Languages**
ÇİNTAŞ E., ŞİMŞEK E., ÖZYER B.
1. INTERNATIONAL TECHNOLOGICAL SCIENCES AND DESIGN SYMPOSIUM, Giresun, Turkey, 27 - 29 June 2018
- XVII. **Real Time Door Detection with Mobile Robot**
ŞİMŞEK E., ÖZYER B.
1. INTERNATIONAL TECHNOLOGICAL SCIENCES AND DESIGN SYMPOSIUM, Giresun, Turkey, 27 - 29 June 2018
- XVIII. **Animal Detection in Camera-Trap Images**
ŞİMŞEK E., ÖZYER B., TÜMÜKLÜ ÖZYER G., BAYINDIR L.
1. ULUSLARARASI TEKNOLOJİ BİLİMLERİ VE TASARIM SEMPOZYUMU, 27 - 29 June 2018
- XIX. **Human-Animal Recognition in Camera Trap Images**
Simsek E., ÖZYER B., BAYINDIR L., TÜMÜKLÜ ÖZYER G.
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018
- XX. **Ball-cradling using reinforcement algorithms Pekistirmeli öğrenme algoritmalarının ball-cradling problemine uygulanması**
Ozakar R., Özyer B.
2016 National Conference on Electrical, Electronics and Biomedical Engineering, ELECO 2016, Bursa, Turkey, 1 - 03 December 2016, pp.135-141
- XXI. **Balancing inverted pendulum using reinforcement algorithms**
ÖZAKAR R., TÜMÜKLÜ ÖZYER G., ÖZYER B.
2016 24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Turkey, Turkey, 16 - 19

May 2016

- XXII. **Direction and Location Protection for Autonomous Mobile Robots**
Şimşek E., Özyer B., Tümüklü Özyer G.
Ulusal Mühendislik Araştırmaları Sempozyumu, Düzce, Turkey, 10 - 12 September 2015
- XXIII. **Six Legged Terrain Robot Design and Control**
Gamze Z., Cansu Ç., Çınar A., Koçak S., ÖZYER B.
İlk Bildiriler Konferansı, Ankara, Turkey, 12 - 13 June 2015
- XXIV. **Estimation of center of mass of the object to be held by barycentric coordinate system and polygon parcelling**
BOZAN Y. S., TÜMÜKLÜ ÖZYER G., ÖZYER B.
23rd Signal Processing and Communications Applications (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.1-4
- XXV. **A Comparison of Similarity Metrics for Sentiment Analysis on Turkish Twitter Feeds**
ÇOBAN Ö., ÖZYER B., TÜMÜKLÜ ÖZYER G.
2015 IEEE International Conference on Smart City/SocialCom/SustainCom (SmartCity), Chengdu, China, 19 - 21 December 2015, pp.333-338
- XXVI. **SMS Spam Filtering based on Text Classification and Expert System**
Bozan Y. S., Coban Ö., Ozyer G. T., ÖZYER B.
23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.2345-2348
- XXVII. **Sentiment Analysis for Turkish Twitter Feeds**
Coban Ö., Özyer B., Ozyer G. T.
23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.2388-2391
- XXVIII. **Grasping an object by approaching with optimal hand preshaping**
ÖZYER B., Erkmen İ., Erkmen A.
20th IEEE Signal Processing and Communications Applications Conference, Muğla, Turkey, 18 - 20 April 2012, pp.1-4
- XXIX. **Catching continuum between preshape and grasping based on fluidics**
Ozyer B., ERKMEN İ., ERKMEN A. M.
ASME 2010 10th Biennial Conference on Engineering Systems Design and Analysis, ESDA2010, İstanbul, Turkey, 12 - 14 July 2010, vol.3, pp.683-691
- XXX. **Momentum Transfer from the Fingers to Object Based on Fluid Dynamics**
ÖZYER B., Erkmen İ., Erkmen A.
International Conference on Intelligent Automation and Robotics (ICIAR), San Francisco, United States Of America, 20 - 22 October 2010, pp.1-4
- XXXI. **Task dependent human-like grasping**
ÖZYER B., Oztop E.
8th IEEE-RAS International Conference on Humanoid Robots, Daejeon, South Korea, 1 - 03 December 2008, pp.227-232

Supported Projects

Özyer B., TÜMÜKLÜ ÖZYER G., TUBITAK Project, Takdik-Rob: Bir İnsansı Robotun Taklit Yolu İle Dikkat Temelli Derin Mimariler Kullanılarak Eğitimi, 2023 - 2026

Özyer B., TUBITAK Project, Otonom İha'lar İçin Yapay Zeka Eğitiminde Kullanılmak Üzere Lidar Ve Odometri Tabanlı 3d Haritalama Veri Seti Oluşturma, 2023 - 2024

Özyer B., Kaskatı T., Other International Funding Programs, Robonimbus, 2021 - 2024

COŞKUNÇAY A., TÜMÜKLÜ ÖZYER G., ÖZYER B., YAĞANOĞLU M., BOZKURT F., GÜNAY F. B., FINDIK COŞKUNÇAY D., ÖZTÜRK S. B., Project Supported by Higher Education Institutions, 16. Ulusal Yazılım Mühendisliği Sempozyumu (UYMS 2022), 2022 - 2023

Özyer B., Uğuz S., Project Supported by Higher Education Institutions, Endüstriyel Nesnelerin İnterneti Tabanlı Çoklu Görev Mobil Robot Sisteminin Geliştirilmesi, 2022 - 2023

ÖZYER B., ÇİNTAŞ E., ŞİMŞEK E., Project Supported by Higher Education Institutions, Yeni Bir Dikey İniş-Kalkış Yapabilen Savaşan İnsansız Hava Aracının (SİHA) Mekanik Aerodinamik Tasarımı ve Bilgisayarlı Görme Tabanlı Algılama, 2020 - 2021

ÖZYER B., YERLİKAYA T., Project Supported by Higher Education Institutions, Otonom hareket edebilen binek araç, 2019 - 2020

ÖZYER B., KURTBAŞ Ş., ÖZTÜRK E., Project Supported by Higher Education Institutions, Üç boyutlu Yazıcı ile Robot Manipulator Tasarımı, Üretimi ve Denetimi, 2019 - 2019

Özyer B., Bulut B., TUBITAK Project, Firmaların İnsan Kaynakları Departmanlarında Kullanılmak Üzere, Bulut Tabanlı, Metin İşleme Yapabilen 360 Derece Performans Değerlendirme Yazılımı Geliştirilmesi, 2018 - 2019

ÖZYER B., ŞİMŞEK E., Project Supported by Higher Education Institutions, Nesnelerin İnternetinde Sis/Uç Programlama Tabanlı Akıllı ve İş Birlikçi Algılama Yöntemlerinin Araştırılması, 2018 - 2019

ÖZYER B., KOVACI H., KELEŞ A., Project Supported by Higher Education Institutions, "İNSANSIZ HAVA ARACI TASARIMI İMALATI VE ÖĞRENCİ YARIŞMALARINA KATILIMIN SAĞLANMASI", 2016 - 2017

ÖZYER B., TUBITAK Project, Direction and Location Protection for Autonomous Mobile Robots, 2015 - 2015

ÖZYER B., TUBITAK Project, Six-Legged Terrain Robot Design and Control, Undergraduate Senior Design Project, 2015 - 2015

Scientific Refereeing

DIAGNOSTICS, Journal Indexed in SCI-E, November 2023

DRONES, Journal Indexed in SCI-E, June 2023

ELECTRIC POWER COMPONENTS AND SYSTEMS, Journal Indexed in SCI-E, April 2023

Processes, Journal Indexed in SCI-E, April 2023

BIOMEDICAL SIGNAL PROCESSING AND CONTROL, Journal Indexed in SCI-E, March 2023

APPLIED SCIENCES, Journal Indexed in SCI-E, February 2023

SENSORS, Journal Indexed in SCI-E, January 2023

NEUROCOMPUTING, Journal Indexed in SCI-E, January 2020

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, SCI Journal, January 2018

ROBOTICA, Journal Indexed in SCI-E, March 2015

JOURNAL OF INTELLIGENT AND ROBOTIC SYSTEMS THEORY AND APPLICATIONS, Journal Indexed in SCI-E, January 2015

Scientific Consultations

Vektora Bilişim Teknolojileri Anonim Şirketi, Project Consultancy, Ataturk University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey, 2018 - 2019

Tasks In Event Organizations

Özyer B., The 32nd IEEE International Conference on Robot and Human Interactive Communication, (IEEE RO-MAN 2023), Scientific Congress, Busan, South Korea, Ağustos 2023

Özyer B., Coşkunçay A., 16. Ulusal Yazılım Mühendisliği Sempozyumu (UYMS'22), Scientific Congress, Erzurum, Turkey, Mart 2023

Dağcı Kıranşan K., Özyer B., INTERNATIONAL SYMPOSIUM ON APPLIED SCIENCES AND ENGINEERING (ISASE2021), Scientific Congress, Erzurum, Turkey, Nisan 2021

Metrics

Publication: 60

Citation (WoS): 74

Citation (Scopus): 120

H-Index (WoS): 4

H-Index (Scopus): 5

Non Academic Experience

Computational Neuroscience Laboratories (CNS), Advanced Telecommunications Research Institute International (ATR),
Japan