

Prof. MEHMET SEZGİN

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: HKO-9559-2023

Yoksis Researcher ID: 217487

Biography

Mehmet Sezgin received B.Sc. and M.Sc. degrees in the Electronic and Communication Engineering department of **Istanbul Technical University**, Istanbul Turkey, in 1986 and 1990, respectively. He completed his Ph.D. in Aeronautical Engineering Department of Istanbul Technical University, in 2002.

He worked at Istanbul Technical University as Research Assistant. He has also worked at different institutions of **The Scientific and Technological Research Council of Turkey (TUBITAK)** as Researcher, Senior Researcher and Chief Researcher (TUBITAK MAM - Marmara Research Center, TUBITAK UEKAE - National Research Institute of Electronics and Cryptology, TUBITAK BILGEM - Center Of Research For Advanced Technologies Of Informatics And Information Security).

He completed numerous industrial, governmental and military projects as researcher and Project Leader. His research area is image processing signal processing, multi-sensor system design and automatic detection & classification of buried objects.

There are national and international patent applications with the name of Dr. Mehmet Sezgin. He is the author of more than 50 highly cited papers printed in SCI journals and numerous scientific conference papers. He has been reviewing processes of various scientific journals.

Dr. Mehmet Sezgin was included to the “top 2% of the world’s most influential scientists” list prepared by **Stanford University** in the “career-long impact” and “annual impact” categories for the third time in 2023, after 2021 and 2022.

He was national delegate in various international activities such as NATO SCI experts Group and NATO projects between 1999-2013.

He had been as Institute deputy director and Institute Director of Information Technologies Institute of **TÜBİTAK BİLGE**. Currently he works at İstanbul Ticaret University as Professor.

Education

Doctorate, İstanbul Technical University, Fen Bilimleri Enstitüsü, Uçak Ve Uzay Mühendisliği (Dr), Turkey 1994 - 2002

Postgraduate, İstanbul Technical University, Elektrik-Elektronik Fakültesi, Elektronik Ve Haberleşme Mühendisliği Bölümü, Turkey 1987 - 1990

Undergraduate, İstanbul Technical University, Elektrik-Elektronik Fakültesi, Elektronik Ve Haberleşme Mühendisliği Bölümü, Turkey 1982 - 1986

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, İmge eşikleme yöntemlerinin başarılm değerlendirmesi ve tahrıbatlı muayenede kullanımı, İstanbul Technical University, Fen Bilimleri Enstitüsü, Uçak Ve Uzay Mühendisliği (Dr), 2002

Postgraduate, Anahtarlamalı kapasite filtrelerinde frekans karakteristiklerinin bilgisayar yardımıyla bulunması, İstanbul Technical University, Elektrik-Elektronik Fakültesi, Elektronik Ve Haberleşme Mühendisliği Bölümü, 1990

Research Areas

Engineering and Technology

Academic Positions

Professor, İstanbul Commerce University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2023 - Continues

Associate Professor, İstanbul Commerce University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2023 - 2023

Research Assistant, İstanbul Technical University, Elektrik-Elektronik Fakültesi, Elektronik Ve Haberleşme Mühendisliği Bölümü, 1987 - 1990

Academic and Administrative Experience

Teknoloji Transfer Ofisi, İstanbul Commerce University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2023 - 2024

Courses

Doctorate

Görüntü İşleme ve Bilgisayarlı Görü, Doctorate, 2023 - 2024

Görüntü İşleme (Yıldız Teknik Ünv), Doctorate, 2021 - 2022, 2020 - 2021, 2019 - 2020

Postgraduate

GPR Sinyal ve Görüntü İşleme, Postgraduate, 2023 - 2024

İşaret İşlemede İleri Konular (Gebze Yüksek Teknoloji Enstitüsü), Postgraduate, 2011 - 2012, 2010 - 2011

Undergraduate

DESIGN PROJECTS, Undergraduate, 2023 - 2024, 2022 - 2023

Electronic-1 Laboratory, Undergraduate, 2023 - 2024

Signals and Systems, Undergraduate, 2023 - 2024, 2022 - 2023

Electronics-1, Undergraduate, 2023 - 2024, 2022 - 2023

Fundamentals of Biomedical Engineering, Undergraduate, 2023 - 2024

Digital Image Processing, Undergraduate, 2023 - 2024

Journal articles indexed in SCI, SSCI, and AHCI

- I. **A reinforcement learning (RL)-based hybrid method for ground penetrating radar (GPR)-driven buried object detection**
Alpdemir M. N., SEZGIN M.
Neural Computing and Applications, vol.36, no.14, pp.8199-8219, 2024 (SCI-Expanded)
- II. **Peak scatter-based buried object identification using GPR-EMI dual sensor system**
Yoldemir B., Sezgin M.
Nondestructive Testing and Evaluation, vol.34, no.4, pp.339-353, 2019 (SCI-Expanded)
- III. **Getting the Bugs Out: A Portable Harmonic Radar System for Electronic Countersurveillance Applications**
Aniktar H., Baran D., Karav E., Akkaya E., Birecik Y. S., Sezgin M.
IEEE Microwave Magazine, vol.16, no.10, pp.40-52, 2015 (SCI-Expanded)
- IV. **Detection of ammonia in liquids using millimeter wave spectroscopy**
Ozturk H., Nazli H., YEĞİN K., Sezgin M.
International Journal of Photoenergy, vol.2012, 2012 (SCI-Expanded)
- V. **Simultaneous buried object detection and imaging technique utilizing fuzzy weighted background calculation and target energy moments on ground penetrating radar data**
Sezgin M.
EURASIP JOURNAL ON ADVANCES IN SIGNAL PROCESSING, vol.2011, no.1, pp.1-2, 2011 (SCI-Expanded)
- VI. **Wideband antenna with conductive textile radiators for a dual-sensor subsurface detection system**
SALMAN A. O., Bicak E., Sezgin M.
IEEE Transactions on Antennas and Propagation, vol.59, no.10, pp.3746-3755, 2011 (SCI-Expanded)
- VII. **A least squares approach to buried object detection using ground penetrating radar**
Yoldemir A. B., Sezgin M.
IEEE Sensors Journal, vol.11, no.6, pp.1337-1341, 2011 (SCI-Expanded)
- VIII. **Observer-dependent variability of the thresholding step in the quantitative analysis of soil images and X-ray microtomography data**
Baveye P. C., Laba M., Otten W., Bouckaert L., Dello Sterpaio P., Goswami R. R., Grinev D., Houston A., Hu Y., Liu J., et al.
Geoderma, vol.157, no.1-2, pp.51-63, 2010 (SCI-Expanded)
- IX. **An improved design of planar elliptical dipole antenna for UWB applications**
Nazli H., Bicak E., TÜRETKEN B., Sezgin M.
IEEE Antennas and Wireless Propagation Letters, vol.9, pp.264-267, 2010 (SCI-Expanded)
- X. **Survey over image thresholding techniques and quantitative performance evaluation**
Sezgin M., Sankur B.
Journal of Electronic Imaging, vol.13, no.1, pp.146-168, 2004 (SCI-Expanded)
- XI. **A new dichotomization technique to multilevel thresholding devoted to inspection applications**
Sezgin M., Taşaltın R.

Papers Presented at Peer-Reviewed Scientific Conferences

- I. **An Efficient Iris Recognition Technique through Minimal Preprocessing and Custom CNN**
Döke S. E., ALPDEMİR M. N., SEZGİN M.
17th IEEE/ACM (UCC 2024) and the 11th IEEE/ACM (BDCAT 2024), Sharjah, United Arab Emirates, 16 - 19 December 2024, (Full Text)
- II. **Evaluation of Background Subtraction and Pattern Recognition Methods for Classification of GPR B-Scan Data**
Koçak B., SEZGİN M., YEŞİLDİREK A.
ELEKTRİK-ELEKTRONİK ve BİYOMEDİKAL MÜHENDİSLİĞİ KONFERANSI, Bursa, Turkey, 28 November 2024, (Full Text)
- III. **GPR Target Identification Using CNN Based Classifier**
SEZGİN M., ALPDEMİR M. N.
2024 Innovations in Intelligent Systems and Applications Conference (ASYU), Ankara, Turkey, 16 October - 18 December 2024, (Full Text)
- IV. **A prototype implementation of imu based positioning system for Handheld detectors**
DEMİREL K., Öztürk T. M., Çatalbaş M., Esedoğlu S. Y., SEZGİN M.
International British Congress on Interdisciplinary Scientific Research & Practices, London, Canada, 27 - 29 June 2024, (Full Text)
- V. **A study on evaluation of background subtraction and pattern recognition methods for classification of GPR B-scan data**
Koçak B., SEZGİN M., YEŞİLDİREK A.
International British Congress on Interdisciplinary Scientific Research & Practices, London, Canada, 27 - 29 June 2024, (Full Text)
- VI. **A STUDY ON EVALUATION OF PRE-PROCESSING, SEGMENTATION, AND FEATURE EXTRACTION TECHNIQUES IN IRIS RECOGNITION SYSTEMS**
Döke S. E., SEZGİN M.
International British Congress on Interdisciplinary Scientific Research & Practices, London, Canada, 27 - 29 June 2024, (Full Text)
- VII. **Analysis of Deep CNN-based Ground Penetrating Radar (GPR) Image Classification Process using Explainable AI**
Alpdemir M. N., SEZGİN M.
2023 Innovations in Intelligent Systems and Applications Conference (ASYU), Sivas, Turkey, 11 - 13 October 2023, (Full Text)
- VIII. **Classification of Buried Objects Using Deep Learning on GPR Data**
SEZGİN M., Alpdemir M. N.
2023 IEEE International Conference on Advanced Systems & Engineering Technologies 2023 IEEE IC_ASET, Hammamet, Tunisia, 29 April 2023, (Full Text)
- IX. **Reinforcement Learning (RL) Based Hybrid Search Method For Hidden Object Discovery Using GPR**
Alpdemir M. N., SEZGİN M.
2023 IEEE International Conference on Advanced Systems & Engineering Technologies 2023 IEEE IC_ASET, Hammamet, Tunisia, 29 April - 01 May 2023, (Full Text)
- X. **A Reinforcement Learning (RL)-Based Hybrid Search Method for Hidden Object Discovery using GPR**
Alpdemir M. N., SEZGİN M.
6th IEEE International Conference on Advanced Systems and Emergent Technologies, IC_ASET 2023, Hammamet, Tunisia, 29 April - 01 May 2023, (Full Text)
- XI. **GPRStudio: an extensible cross platform GPR signal processing tool**
Çelik Özkan E., ÖZKAN E., Nazlı H., SEZGİN M.

- SPIE Defense and Commercial Sensing Symposium, United States Of America, 12 April 2021, (Full Text)
- XII. **Identification of buried objects based on peak scatter modelling of GPR A-scan signals**
SEZGİN M., Yoldemir A. B., ÖZKAN E., Nazlı H.
SPIE Defense and Commercial Sensing Symposium, Baltimore, United States Of America, 14 April 2019, (Full Text)
- XIII. **Effect of Pulse Fidelity on Detection of Landmines**
Öztürk H., Hakkı N., YEĞİN K., SEZGİN M., Emrullah B., Hasan B., Kara H., Tura L., Vural Ö., Ridvan G., et al.
SPIE Defense and Security Symposium, 29 April - 03 May 2013, (Full Text)
- XIV. **Discrimination of Buried objects Using Angular Radial Transform and Multi layer Perceptrons**
Gülay K., Ahmet Burak Y., Oğuz İ., SEZGİN M.
International Radar Symposium, 29 April - 03 May 2013, (Full Text)
- XV. **Millimeter Wave Detection of Landmines**
Hilmi Ö., Hakkı N., Emrullah B., SEZGİN M., TÜRETKEN B.
SPIE Defense and Security Symposium, 29 April - 01 May 2013, (Full Text)
- XVI. **Comparative Analysis Of Clutter Suppression Techniques For Landmine Detection Using Ground Penetrating Radar**
Ahmet Burak Y., SEZGİN M.
SPIE Defense and Security Symposium Orlando, 25 - 29 April 2011, (Full Text)
- XVII. **Effects of Different Soil Types on Strip Map GPR SAR Images**
Hakkı N., SEZGİN M.
SPIE Defense and Security Symposium, 25 - 29 April 2011, (Full Text)
- XVIII. **Handheld Multisensor system design dedicated to mine detection**
SEZGİN M., çayır m., doğru m.
SPIE Defense and Security Symposium, 25 - 29 April 2011, (Full Text)
- XIX. **Real time Buried Object Detection Using LMMSE Estimation**
Ahmet Burak Y., SEZGİN M.
IEEE, European Radar Conference 2010, 26 September - 01 October 2010, (Full Text)
- XX. **Rotation and scale invariant template matching applied to buried Object detection in GPR data**
Ahmet Burak Y., SEZGİN M.
30th IEEE International Geosciences and Remote Sensing, IGARSS 2010, 25 - 30 July 2010, (Full Text)
- XXI. **Buried Object Detection Using Goodness of fit to Gumbel Distribution**
Ahmet Burak Y., SEZGİN M.
International Symposium on Antenna Technology and Applied Electromagnetics and the American Electromagnetics Conference, 5 - 09 July 2010, (Summary Text)
- XXII. **Experimental Investigation of Different Soil Types for Buried Object Imaging Using Impulse GPR**
Ahmet Burak Y., SEZGİN M.
XIII International Conference On Ground Penetrating Radar, 21 - 25 June 2010, (Full Text)
- XXIII. **Textile Antenna for the Multi sensor Impulse GPR EMI Subsurface Detection System**
SALMAN A. O., Emrullah B., SEZGİN M.
XIII International Conference On Ground Penetrating Radar,Lecce, 21 - 25 June 2010, (Full Text)
- XXIV. **A Novel Detection Warning Signal Creation Method for Hand Held GPR Applications**
Ahmet Burak Y., SEZGİN M.
XIII International Conference On Ground Penetrating Radar, 21 - 25 June 2010, (Full Text)
- XXV. **Adaptive Linear Prediction Based Buried Object Detection with Varying Detector Height**
Ahmet Burak Y., SEZGİN M.
XIII International Conference On Ground Penetrating Radar, 21 - 25 June 2010, (Full Text)
- XXVI. **Real Time Object Detection Using Dynamic Principal Component Analysis**
Kaplan G., İçoğlu O., SEZGİN M.
XIII International Conference On Ground Penetrating Radar,Lecce, 21 - 25 June 2010, (Full Text)
- XXVII. **A false alarm reduction method for GPR sensor Moving at varying heights**
SEZGİN M., Nazlı H., ÖZKAN E., Çelik Özkan E.
SPIE Defense and Commercial Sensing Symposium, Los-Angeles, Chile, 26 April 2010, (Full Text)

- XXVIII. Development of Dual Sensor Hand Held Detector**
SEZGİN M.
SPIE Defense and Security Symposium Orlando, ABD, 5-9 April 2010, 5 - 09 April 2010, (Full Text)
- XXIX. Depth estimation of buried objects using wavelet transformand statistical hypothesis testing**
Ahmet Burak Y., SEZGİN M.
SPIE Defense and Security Symposium Orlando, ABD, 5-9 April 2010, 5 - 09 April 2010, (Full Text)
- XXX. Two Dimensional Template Matching Method for Buried Object Discrimination in GPR Data**
SEZGİN M.
SPIE Defense and Security Symposium, 13 - 17 April 2009, (Full Text)
- XXXI. Identification of Metallic Objects with Various Sizes and Burial Depths**
SEZGİN M., Gülay K., Sencer Melih D., Yıldırım B., Oğuz İ.
SPIE Defense and Security Symposium, 13 - 17 April 2009, (Full Text)
- XXXII. Investigation of Convenient Antenna Designs for Ultra Wide Band GPR Systems**
TÜRK A. S., Demet Ş., SEZGİN M., Hakkı N.
Advanced Ground Penetrating Radar, 27 - 29 June 2007, (Full Text)
- XXXIII. Gömülü Metalik Cisimlerin Yapay Sinir Ağına Dayalı Teşhisİ**
SEZGİN M., Gülay K., Melih B., Yıldırım B.
IEEE 15. Sinyal İşleme ve İletişim Uygulamaları Kurultayı, Turkey, 11 - 13 June 2007, (Full Text)
- XXXIV. CA CFAR Detection against K distrubuted clutter in GPR**
Yıldırım B., SEZGİN M.
SPIE Defense and Security Symposium,Orlando, 9 - 13 April 2007, (Full Text)
- XXXV. Buried metallic object identification by EMI sensor**
SEZGİN M., Gülay K., Melih B., Yıldırım B.
SPIE Defense and Security Symposium, 9 - 13 April 2007, (Full Text)
- XXXVI. Ultra Wide Band Antenna Design for Multi sensor Adaptive Ground Penetrating Impulse Radar**
TÜRK A. S., Kurt E., SEZGİN M., Yıldırım B.
Mediterranean Microwave Symposium, 18 - 21 September 2006, (Full Text)
- XXXVII. Signal processing techniques to improve GPR detection performance**
SEZGİN M., Yıldırım B., İsa T.
SPIE Defense and Security Symposium, 27 March - 01 April 2005, (Full Text)
- XXXVIII. Yere Girimli Radarda K Dağılımlı Kargaşaya Karşı CA CFAR Algılama**
Yıldırım B., SEZGİN M.
URSI-TÜRKİYE'2004 II. Ulusal Kongresi, Turkey, 8 - 10 September 2004, (Full Text)
- XXXIX. Gömülü Cisimlerin GPR yardımıyla Sezimi**
SEZGİN M., İsa T.
SİU2004 Sinyal İşleme ve İletişim Uygulamaları Kurultayı, Turkey, 28 - 30 April 2004, (Full Text)
- XL. Real time detection of buried objects by using GPR**
SEZGİN M., İsa T., Öztürk S., Fatih K.
SPIE Defense and Security Symposium, 12 - 16 April 2004, (Full Text)
- XLI. Image Multi Thresholding Based On sample Moment Function**
SEZGİN M., Bülent S.
ICIP 2003, IEEE, International Conference on Image Processing, 14 - 17 September 2003, (Full Text)
- XLII. Selection of Thresholding Methods for Non Destructive Testing Applications**
SEZGİN M., Bülent S.
ICIP 2001, IEEE International Conference on Image Processing, 7 - 10 October 2001, (Full Text)
- XLIII. Tahribatsız Muayenede İmge Eşikleme Yöntemlerinin Başarım Karşılaştırması**
SEZGİN M., Bülent S.
SİU'2001 IEEE Sinyal İşleme ve Uygulamaları Kurultayı, Turkey, 25 - 27 April 2001, (Full Text)
- XLIV. A novel multilevel thresholding method based on finding the consistent peak of correlation function**
SEZGİN M., TAŞALTIN R.
IAPR workshop on machine vision applications MVA'98, 17 - 19 November 1998, (Full Text)

- XLV. **A study on the evaluation of multilevel thresholding methods based on the automatic thresholding criterion**
SEZGİN M., TAŞALTIN R.
13th International symposium on computer and information sciences, 26 - 28 October 1998, (Full Text)
- XLVI. **Renyi entropisine dayalı yeni bir çok seviyeli eşikleme yöntemi**
SEZGİN M., Serdar B., PALACI Y., TAŞALTIN R.
6. Sinyal İşleme ve Uygulamaları Kurultayı, Turkey, 28 - 30 May 1998, (Full Text)
- XLVII. **An Application of Multilevel Thresholding Methods to Visual Cloth Quality Inspection**
SEZGİN M., Fatih K., Serdar B.
International Conference on Quality Control by Artificial Vision - QCAV'97, 28 - 30 May 1997, (Full Text)
- XLVIII. **Visual Inspection of Reflective Materials**
SEZGİN M., Serdar B.
International Conference on Quality Control by Artificial Vision - QCAV'97, 28 - 30 May 1997, (Full Text)
- XLIX. **Skıstırılmış İmgelerde Hareketli Hedef Belirleme**
Çetin S., SEZGİN M., YAkup K.
5. Sinyal İşleme ve Uygulamaları Kurultayı, Turkey, 1 - 03 May 1997, (Full Text)
- L. **Yansımalı Yüzeylerde Hata Belirleme**
SEZGİN M., Serdar B.
5. Sinyal İşleme ve Uygulamaları Kurultayı, Turkey, 1 - 03 May 1997, (Full Text)
- LI. **Image Segmentation Based on Boundary Constraint Neural Network**
SEZGİN M., Kurugöllü F., Birecik S.
International Workshop on Image and Signal Processing - IWISP'96, 4 - 07 November 1996, (Full Text)
- LII. **Çok Seviyeli Eşikleme Yöntemlerinin Görsel Kalite Kontrolünde Kullanılması**
SEZGİN M., Fatih K., Serdar B., Çetin S.
4. Sinyal İşleme ve Uygulamaları Kurultayı, Turkey, 5 - 06 April 1996, (Full Text)
- LIII. **A Comparision of Visual Target Tracking Methods in Noisy Environments**
SEZGİN M., Serdar B., Demir D., BUCAK İ. Ö., Çetin S., Fatih K.
International Conference on Industrial Electronics Control and Instrumentation (IECON'95), 6 - 10 November 1995, (Full Text)
- LIV. **Hareketli hedeflerin sezimi ve izlenmesi**
SEZGİN M., Serdar B., Demir D.
3. Sinyal İşleme ve Uygulamaları Kurultayı, Turkey, 26 - 28 April 1995, (Full Text)
- LV. **Quality Inspection in PCBs and SMDs Using Computer Vision Techniques**
Demir D., SEZGİN M., Serdar B., Fatih K., BUCAK İ. Ö., Bülent S.
International Conference on Industrial Electronics Control and Instrumentation (IECON'94), 5 - 09 September 1994, (Full Text)
- LVI. **Baskılı devre Plaketlerindeki lehim adacıklarının matemetiksel morfoloji yyardımıyla incelemesi**
Serdar B., SEZGİN M., BUCAK İ. Ö., Bülent S., Anarım E., SAĞLAM M.
2. Sinyal İşleme ve Uygulamaları Kurultayı, Turkey, 8 - 09 April 1994, (Full Text)
- LVII. **A Parallel Implementation of a Novel Cubic Interpolation Technique For Visual Analysis**
SEZGİN M., Ahmed B., Demir D., Murat E., Fatih K., Bardakçı M., Serdar B.
IEEE International Symposium on Industrial Electronics '93, 1 - 03 June 1993, (Full Text)
- LVIII. **TMS320C25 İşaret işleyici kullanan gerçek zaman izge çözümleyici**
SEZGİN M., Murat E., Çetin S., İsmail G., Celalettin K., Nur Y.
1. Sinyal İşleme ve Uygulamaları Kurultayı, Turkey, 21 - 22 April 1993, (Full Text)
- LIX. **A Modified Cubic Interpolation for Rapid Image Processing**
Bouridane A., Murat E., SEZGİN M., Fatih K., İsmail G.
Picture Coding Symposium '93 Lausanne, 17 - 19 March 1993, (Full Text)

Funded Projects

SEZGİN M., MİGSİS, Continues
SEZGİN M., Modern Mayın Tespit Sistemleri Projesi, Continues
SEZGİN M., Elde Taşınabilir Mayın Tespit Sistemi 2, Continues
SEZGİN M., Baskı devre PCB lerinin görsel kalite kontrolü Proje Çalışanı, Continues
SEZGİN M., Görme ve Görüntü İşleme, Continues
SEZGİN M., Yansımalı Malzemelerin Görsel kalite kontrolü, Continues
SEZGİN M., CCD kamera görüntülerinde hareketli cisimlerin tespiti ve takibi, Continues
SEZGİN M., TSK Mesaj Kotarma Sistemi Projesi, Continues
SEZGİN M., Klasik ve iyileştirilmiş DES algoritmasının DSP üzerinde gerçekleştirilmesi, Continues
SEZGİN M., FIFO tabanlı veri aktarım kartı tasarım, Continues
SEZGİN M., Mayın Tespit Sistemleri Projesi, Continues
SEZGİN M., DSP kartı kullanarak step motor kontrolü, Continues
SEZGİN M., Görme ve Görüntü İşleme Projesi, Continues

Activities in Scientific Journals

International Journal of Medical Imaging, SciencePG, Editor, 2022 - Continues

Peer Reviews in Scientific Publications

IEEE SIGNAL PROCESSING LETTERS, SCI Journal, April 2025
IEEE SIGNAL PROCESSING LETTERS, SCI Journal, October 2024
APPLIED ARTIFICIAL INTELLIGENCE AN INTERNATIONAL JOURNAL, SCI Journal, August 2024
APPLIED ARTIFICIAL INTELLIGENCE AN INTERNATIONAL JOURNAL, SCI Journal, May 2024

Scientific Project Refereeing

TUBITAK Project, 1501 - Industry R & D Projects Support Program, April 2025
TUBITAK Project, 1501 - Industry R & D Projects Support Program, April 2024

Scientific Consultations

Teknopark İstanbul, Scientific Consultancy, İstanbul Commerce University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Turkey, 2023 - 2024

Metrics

Publication: 70
Citation (WoS): 3239
Citation (Scopus): 4319
H-Index (WoS): 7
H-Index (Scopus): 9

Awards

Sezgin M., Classification of Buried Objects Using Deep Learning on GPR Data, Ieee Aset, May 2023
Sezgin M., TÜBİTAK MAM. Handheld Mine Detection System-1 Project Incentive award, Tübitak Mam, June 2008
Sezgin M., TÜBİTAK MAM. Modern Mine Detection Systems Project Achievement award, Tübitak Mam, June 2006
Sezgin M., TÜBİTAK MAM. Turkish Armed Forces Command Control Information Systems Project Achievement Award, Tübitak Mam, June 1999

Non Academic Experience

TÜBİTAK BİLGEMLİ Danışman
TÜBİTAK, TÜBİTAK BİLGEMLİ BTE Enstitü Müdürü
TÜBİTAK, Kademli Baş Uzman Araştırmacı
TUBITAK, TÜBİTAK BİLGEMLİ, INFORMATION TECHNOLOGIES INSTITUTE, Researcher, Senior Researcher, Chief Researcher, Senior Chief Researcher, Head of Sensor Systems Department, Institute Deputy Director, Institute Director
TÜBİTAK BİLGEMLİ BTE, Enstitü Müdürü
TÜBİTAK, TÜBİTAK BİLGEMLİ BAŞKANLIĞI (Vekaleten)
TÜBİTAK, TÜBİTAK BİLGEMLİ BTE Enstitü Müdür Yardımcısı
TÜBİTAK, Başuzman Araştırmacı
TÜBİTAK, Uzman Araştırmacı
TÜBİTAK, TÜBİTAK MAM BTE Enstitü Müdür Yardımcısı (Vekil)
TÜBİTAK, Araştırmacı