Prof. KEMAL ÖZKAN

Personal Information

Office Phone: +90 239 375 0327 Extension: 5
Fax Phone: +90 222 239 3613
Email: kozkan@ogu.edu.tr
Web: https://avesis.ogu.edu.tr/kozkan

International Researcher IDs
ScholarID: GaEoqiEAAAAJ
ORCID: 0000-0003-2252-2128
Publons / Web Of Science ResearcherID: AAG-3257-2020
ScopusID: 15081108900
Yoksis Researcher ID: 171712

Education Information

Doctorate, Eskisehir Osmangazi University, FEN BİLİMLERİ ENSTİTÜSÜ, Elektrik-Elektronik Mühendisliği (Dr), Turkey 2000 - 2007
Postgraduate, Eskisehir Osmangazi University, FEN BİLİMLERİ ENSTİTÜSÜ, Elektrik-Elektronik Mühendisliği (Yl) (Tezli), Turkey 1998 - 2000
Undergraduate, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 1993 - 1998

Dissertations

Doctorate, Düşük çözünürlüklü görüntülerden yüksek çözünürlüklü görüntü elde etme, Eskisehir Osmangazi University, FEN BİLİMLERİ ENSTİTÜSÜ, Elektrik-Elektronik Mühendisliği (Dr), 2007
Postgraduate, LBG algoritmasında görüntü istatistiklerinden faydalanma, Eskisehir Osmangazi University, FEN BİLİMLERİ ENSTİTÜSÜ, Elektrik-Elektronik Mühendisliği (Yl) (Tezli), 2000

Research Areas

Computer Vision, Artificial Intelligence, Computer Learning and Pattern Recognition

Academic Titles / Tasks

Associate Professor, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, BİLGİSAYAR MÜHENDİSLİĞİ BÖLÜMÜ, 2018 - Continues
Assistant Professor, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, BİLGİSAYAR MÜHENDİSLİĞİ BÖLÜMÜ, 2008 - 2017
Research Assistant, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, ELEKTRİK-ELEKTRONİK MÜHENDİSLİĞİ BÖLÜMÜ, 1998 - 2008

Academic and Administrative Experience

Head of Department, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, BİLGİSAYAR
MÜHENDİSLİĞİ BÖLÜMÜ, 2020 - Continues
Head of Department, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, BİLGİSAYAR
MÜHENDİSLİĞİ BÖLÜMÜ, 2020 - Continues
Assistant Manager of Research and Application Center, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK
FAKÜLTESİ, BİLGİSAYAR MÜHENDİSLİĞİ BÖLÜMÜ, 2020 - Continues
Head of Department, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, YAZILIM MÜHENDİSLİĞİ
BÖLÜMÜ, 2021 - 2022
Rector's Advisor, Eskisehir Osmangazi University, REKTÖRLÜK, 2019 - 2022
Head of Department, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, BİLGİSAYAR
MÜHENDİSLİĞİ BÖLÜMÜ, 2020 - 2021
Head of Department, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, BİLGİSAYAR
MÜHENDİSLİĞİ BÖLÜMÜ, 2018 - 2021
Deputy Head of Department, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, BİLGİSAYAR
MÜHENDİSLİĞİ BÖLÜMÜ, 2015 - 2018
Deputy Head of Department, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, BİLGİSAYAR
MÜHENDİSLİĞİ BÖLÜMÜ, 2013 - 2018

Courses

ÖRÜNTÜ TANIMA SİSTEMLERİ, Postgraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 -
2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010
ENGINEERING RESEARCH ON PATTERN RECOGNITION(A), Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017
- 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014
UZMANLIK ALAN DERSİ (DR), Doctorate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 -
2016, 2014 - 2015
DOKTORA SEMİNER, Doctorate, 2020 - 2021, 2019 - 2020, 2018 - 2019
Image Processing, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013
- 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008
Recommender System, Doctorate, 2020 - 2021, 2019 - 2020, 2018 - 2019
SEMİNER, Postgraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019
UZMANLIK ALAN DERSİ (YL), Postgraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 -
2016, 2014 - 2015, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009
Introduction to Programming, Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 -
2010, 2008 - 2009
COMPUTER PROGRAMMING, Undergraduate, 2012 - 2013, 2010 - 2011, 2008 - 2009
PATTERN RECOGNITION S&D, Undergraduate, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009
Introduction to Programmig B, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011
COMPUTER PROGRAMMING II, Undergraduate, 2011 - 2012, 2010 - 2011, 2009 - 2010
COMPUTER PROGRAMMING II, Undergraduate, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008
Introduction tp Programming C, Undergraduate, 2011 - 2012, 2010 - 2011
TEMEL BİLGİ TEKNOLOJİLERİ, Undergraduate, 2010 - 2011, 2009 - 2010
Computer Programing I, Undergraduate, 2009 - 2010, 2008 - 2009, 2007 - 2008
IMAGE PROCESSING AND PAT.RECOG. S&D, Undergraduate, 2009 - 2010, 2008 - 2009
OBJECT ORIENTED PROGRAMMING I, Undergraduate, 2008 - 2009

Advising Theses

Özkan K., Software Defect Prediction using Deep Learning, Postgraduate, S.BREGU(Student), 2020

Özkan K., Yapay Zeka Destekli Kıyafet ve Moda Öneri Sistemi- ModAI, Postgraduate, R.FELI(Student), 2020

Özkan K., İmge Kümeleri ile Yüz Tanımada Yüz Hizalanması ve Önleştirme Yöntemleri, Doctorate, G.GHORBAN(Student), 2020

Özkan K., Ülkesel Ekmeklik Buğday Alımı için Derin Öğrenme Tabanlı Buğday Sınıflandırma, Postgraduate, M.CEYHAN(Student), 2020

Özkan K., Video Görüntülerinin Metinsel Tasvirlerinin Otomatik Çıkarılması, Doctorate, C.BALIM(Student), 2020

Özkan K., Yazılım Güvenliğinde Derin Öğrenme Tabanlı Kaynak Kod Analizi ve Uygun Kod Önerimi, Doctorate, Y.KARTAL(Student), 2019

Özkan K., Derin öğrenme yöntemleri ile sinema filmi başarım tahmini, Postgraduate, O.NURİ(Student), 2019

Özkan K., Graph-based hybrid recommender systems, Doctorate, Z.KURT(Student), 2019

Özkan K., New approaches to improve performance of background subtraction, Doctorate, Ş.IŞIK(Student), 2018

Özkan K., Derin Öğrenme Yöntemleri ile Yaya Tespiti, Postgraduate, K.DEMİRKAYA(Student), 2018

Özkan K., Büyük veri tabanlarında yarı eğitmenli yaklaşımlar kullanarak imge erişimi, Postgraduate, M.ELMAS(Student), 2018

Özkan K., Yüz imgelerinden duygu tanıma, Postgraduate, C.GACAV(Student), 2018

Özkan K., Araç-araç haberleşmesi için veri link tasarımı, Postgraduate, Ö.ÖZDEMİR(Student), 2017

Özkan K., Öznitelik tabanlı imge çakıştırma, Postgraduate, Ş.IŞIK(Student), 2014

Özkan K., Temel bileşen analiziyle öznitelik seçimi ve görsel nesne sınıflandırma, Postgraduate, Z.KURT(Student), 2013

Özkan K., Görüntü işleme yöntemi ile salatalık kalite değişiminin sayısal analizi, Postgraduate, S.ÖREN(Student), 2012

Özkan K., Açık kaynak SysML modelleme yazılımı, Postgraduate, S.İYİKALENDER(Student), 2010

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Automating modern code review processes with code similarity measurement**
KARTAL Y., Akdeniz E. K., ÖZKAN K.
Information and Software Technology, vol.173, 2024 (SCI-Expanded)

II. **Creating an AI fashioner through deep learning and computer vision**
Balim C., Özkan K.
EVOLVING SYSTEMS, vol.15, no.3, pp.717-729, 2024 (SCI-Expanded)

III. **Classification of wheat varieties with image-based deep learning**
Ceyhan M., Kartal Y., Özkan K., Seke E.
MULTIMEDIA TOOLS AND APPLICATIONS, vol.83, no.4, pp.9597-9619, 2024 (SCI-Expanded)

IV. **Diagnosing fashion outfit compatibility with deep learning techniques**
Balim C., ÖZKAN K.
EXPERT SYSTEMS WITH APPLICATIONS, vol.215, 2023 (SCI-Expanded)

V. **Prediction of the proximate analysis parameters of refuse-derived fuel based on deep learning approach**
Günkaya Z., Özkan M., Özkan K., Bekgöz B. O., Yorulmaz Ö., Özkan A., Banar M.
Environmental Science and Pollution Research, vol.30, no.7, pp.17327-17341, 2023 (SCI-Expanded)

VI. **Prediction of gas product yield from packaging waste pyrolysis: support vector and Gaussian process regression models**
Yapıcı E., Akgün H., ÖZKAN K., Günkaya Z., Özkan A., Banar M.
International Journal of Environmental Science and Technology, vol.20, no.1, pp.461-476, 2023 (SCI-Expanded)

VII. **Consensus rule for wheat cultivar classification on VL, VNIR and SWIR imaging**
IŞIK Ş., ÖZKAN K., Demirez D. Z., SEKE E.
IET Image Processing, vol.16, no.11, pp.2834-2844, 2022 (SCI-Expanded)

VIII. **Multisensory data fusion-based deep learning approach for fault diagnosis of an industrial autonomous transfer vehicle**
GÜLTEKİN Ö., ÇİNAR E., ÖZKAN K., YAZICI A.
Expert Systems with Applications, vol.200, 2022 (SCI-Expanded)

IX. **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, 2022 (SCI-Expanded)

X. **Implementation of an early warning system with hyperspectral imaging combined with deep learning model for chlorine in refuse derived fuels**
ÖZKAN M., ÖZKAN K., BEKGÖZ B. O., Yorulmaz Ö., Günkaya Z., Özkan A., Banar M.
Waste Management, vol.142, pp.111-119, 2022 (SCI-Expanded)

XI. **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)

XII. **Overview of handcrafted features and deep learning models for leaf recognition**
IŞIK Ş., ÖZKAN K.
JOURNAL OF ENGINEERING RESEARCH, vol.9, no.1, 2021 (SCI-Expanded)

XIII. **CVABS: moving object segmentation with common vector approach for videos**
IŞIK Ş., ÖZKAN K., Gerek O. N.
IET COMPUTER VISION, vol.13, no.8, pp.719-729, 2019 (SCI-Expanded)

XIV. **A heating value estimation of refuse derived fuel using the genetic programming model**
ÖZKAN K., IŞIK Ş., Gunkaya Z., Ozkan A., Banar M.
WASTE MANAGEMENT, vol.100, pp.327-335, 2019 (SCI-Expanded)

XV. **Identification of wheat kernels by fusion of RGB, SWIR, and VNIR samples**
ÖZKAN K., IŞIK Ş., Yavuz B. T.
JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE, vol.99, no.11, pp.4977-4984, 2019 (SCI-Expanded)

XVI. **Common matrix approach-based multispectral image fusion and its application to edge detection**
IŞIK Ş., ÖZKAN K.
JOURNAL OF APPLIED REMOTE SENSING, vol.13, no.1, 2019 (SCI-Expanded)

XVII. **A Similarity-Inclusive Link Prediction Based Recommender System Approach**
Kurt Z., ÖZKAN K., Bilge A., Gerek O. N.
ELEKTRONIKA IR ELEKTROTECHNIKA, vol.25, no.6, pp.62-69, 2019 (SCI-Expanded)

XVIII. **Biometric person authentication framework using polynomial curve fitting-based ECG feature extraction**
Isik Ş., Ozkan K., ERGİN S.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.27, no.5, pp.3682-3698, 2019 (SCI-Expanded)

XIX. **SWCD: a sliding window and self-regulated learning-based background updating method for change detection in videos**
IŞIK Ş., ÖZKAN K., GÜNAL S., GEREK Ö. N.
JOURNAL OF ELECTRONIC IMAGING, vol.27, no.2, 2018 (SCI-Expanded)

XX. **Wheat grain classification by using dense SIFT features with SVM classifier**
OLGUN M., Onarcan A. O., Ozkan K., Isik Ş., SEZER O., ÖZGİŞİ K., AYTER ARPACIOĞLU N. G., BUDAK BAŞÇİFTÇİ Z., ARDIÇ M., KOYUNCU O.
COMPUTERS AND ELECTRONICS IN AGRICULTURE, pp.185-190, 2016 (SCI-Expanded)

XXI. **A new approach for edge detection in noisy images based on the LPGPCA technique**
IŞIK Ş., ÖZKAN K.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.24, no.4, pp.2789-2805, 2016 (SCI-Expanded)

XXII. **Image denoising using common vector approach**
ÖZKAN K., SEKE E.
IET IMAGE PROCESSING, vol.9, no.8, pp.709-715, 2015 (SCI-Expanded)

XXIII. **A novel multi-scale and multi-expert edge detector based on common vector approach**

ÖZKAN K., IŞIK Ş.

AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS, vol.69, no.9, pp.1272-1281, 2015 (SCI-Expanded)

XXIV. **A new classification scheme of plastic wastes based upon recycling labels**

ÖZKAN K., ERGİN S., IŞIK Ş., Isikli I.

WASTE MANAGEMENT, vol.35, pp.29-35, 2015 (SCI-Expanded)

XXV. **Least squares sub-pixel registration refinement using area sampler model**

SEKE E., Ozkan K.

JOURNAL OF MATHEMATICAL IMAGING AND VISION, vol.26, pp.19-25, 2006 (SCI-Expanded)

XXVI. **Iterative super-resolution reconstruction using modified subgradient method**

Ozkan K., SEKE E., ADAR N., Canbek S.

MULTIMEDIA CONTENT REPRESENTATION, CLASSIFICATION AND SECURITY, vol.4105, pp.714-721, 2006 (SCI-Expanded)

Articles Published in Other Journals

I. **Regression based prediction of higher heating value for refuse-derived fuel using convolutional neural networks predicted elemental data and spectrographic measurements**

BEKGÖZ B. O., Günkaya Z., ÖZKAN K., ÖZKAN M., Özkan A., Banar M.

Waste Disposal and Sustainable Energy, vol.6, no.3, pp.429-437, 2024 (Scopus)

II. **A Graph-Based Recommendation Algorithm on Quaternion Algebra**

Kurt Z., Gerek Ö. N., BİLGE A., ÖZKAN K.

SN Computer Science, vol.3, no.4, 2022 (Scopus)

III. **Comparison of Different Modeling Methods For Prediction Of Palladium Adsorption onto Waste Orange Pee**

ÖZKAN A., IŞIK Ş., GÜNKAYA Z., ÖZKAN K., BANAR M.

Mühendislik Bilimleri ve Tasarım Dergisi, vol.9, no.3, pp.758-767, 2021 (Peer-Reviewed Journal)

IV. **AN EXPERIMENTAL EVALUATION OF INTELLIGENT FAULT DETECTION AND CLASSIFICATION FOR INDUCTION MOTORS UTILIZING MACHINE LEARNING APPROACHES**

KASAP M., ÇİNAR E., YAZICI A., ÖZKAN K.

ESOGÜ Müh Mim Fak Derg, vol.29, no.2, pp.126-136, 2021 (Peer-Reviewed Journal)

V. **Wheat kernels classification using visible-near infrared camera based on deep learning**

ÖZKAN K., SEKE E., IŞIK Ş.

PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, vol.27, no.5, pp.618-626, 2021 (ESCI)

VI. **EVALUATION OF DIFFERENT CURVE FITTING MODELS FOR PREDICTION OF MUNICIPAL SOLID WASTE COMPOSITION**

ÖZKAN A., ÖZKAN K., IŞIK Ş., BANAR M.

Pamukkale Üniversitesi Mühendislik Bilimleri Dergisi, vol.27, pp.385-393, 2021 (ESCI)

VII. **Spam E-mail Classification Recurrent Neural Networks for Spam E-mail Classification on an Agglutinative Language**

IŞIK Ş., KURT Z., ANAGÜN Y., ÖZKAN K.

International Journal of Intelligent Systems and Applications in Engineering, vol.8, no.4, pp.221-227, 2020 (Scopus)

VIII. **Ülkesel Ekmeklik Buğday Alım Bareminde Ekmeklik Buğday Çeşitlerinin Ayrımı: Yapay Zeka Destekli Örüntü Tanıma Uygulamalarının Kullanılabilirliği**

Karaduman Y., Belen S., Olgun M., Ceyhan M., Kartal Y., Özkan K.

Biyoloji Bilimleri Araştırma Dergisi, vol.13, no.2, pp.45-59, 2020 (Peer-Reviewed Journal)

IX. **ÜLKESEL EKMEKLİK BUĞDAY ALIM BAREMİNDE EKMEKLİK BUĞDAY ÇEŞİTLERİNİN AYRIMI: YAPAY ZEKA DESTEKLİ ÖRÜNTÜ TANIMA UYGULAMALARININ KULLANILABİLİRLİĞİ**

Karaduman Y., Belen S., Olgun M., Ceyhan M., Kartal Y., Özkan K.

Research Journal of Biology Sciences, vol.13, no.2, pp.45-59, 2020 (Peer-Reviewed Journal)

X. **REAL TIME PEDESTRIAN ALERT SYSTEM FOR VEHICLES**
IŞIK Ş., VATANSEVER G., ANAGÜN Y., ÇELİKHAN M., ÖZKAN K.
Eskişehir Technical University Journal of Science and Technology A - Applied Sciences and Engineering, vol.21, no.3, pp.446-453, 2020 (Peer-Reviewed Journal)

XI. **Common Vector Approach Based Image Gradients Computation for Edge Detection**
IŞIK Ş., ÖZKAN K.
Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), vol.11989, pp.408, 2020 (Peer-Reviewed Journal)

XII. **Shape Features Based Conic Arcs for Unclassified Wheat Identification**
ONARCAN A. O., ÖZKAN K.
European Journal of Engineering and Natural Sciences, vol.3, no.2, pp.152-156, 2019 (Peer-Reviewed Journal)

XIII. **An Image-based Recommender System Based on Image Annotation**
ÖZKAN K., KURT Z., SEKE E.
European Journal of Engineering and Natural Sciences, vol.3, no.1, pp.12-16, 2019 (Peer-Reviewed Journal)

XIV. **A new speech signal denoising algorithm using common vector approach**
SEKE E., ÖZKAN K.
INTERNATIONAL JOURNAL OF SPEECH TECHNOLOGY, vol.21, no.3, pp.659-670, 2018 (ESCI)

XV. **Optimized Parameters for Bell-Shaped Error Function in Image Denoising**
ÖZKAN K., SEKE E.
ANADOLU UNIVERSITY JOURNAL OF SCIENCE AND TECHNOLOGY A - Applied Sciences and Engineering, vol.18, no.5, pp.988-999, 2017 (Peer-Reviewed Journal)

XVI. **Feature Selection from 3D Brain Model for Some Dementia Subtypes Using Genetic Algorithm**
OKYAY S., ADAR N., ÖZKAN K., Adapınar B.
International Journal of Intelligent Systems and Applications in Engineering, pp.1-6, 2017 (Peer-Reviewed Journal)

XVII. **Feature Selection on MR Images Using Genetic Algorithm with SVM and Naive Bayes Classifiers**
Adar N., Okyay S., Özkan K., Şaylısoy S., Özbabalık Adapınar B. D., Adapınar B.
International Journal of Intelligent Systems and Applications in Engineering, vol.4, pp.170, 2016 (Peer-Reviewed Journal)

XVIII. **A new subspace based solution to background modelling and change detection**
IŞIK Ş., ÖZKAN K., GEREK Ö. N., DOĞAN M.
International Journal of Intelligent Systems and Applications in Engineering, vol.2016, no.4, pp.82-86, 2016 (Peer-Reviewed Journal)

XIX. **A Note on Background Subtraction by Utilizing a New Tensor Approach**
IŞIK Ş., ÖZKAN K., GEREK Ö. N.
International Journal of Intelligent Systems and Applications in Engineering, vol.2016, no.4, pp.87-91, 2016 (Peer-Reviewed Journal)

XX. **Speech Denoising using Common Vector Analysis in Frequency Domain**
SEKE E., DURAK M. H., ÖZKAN K.
International Journal of Applied Mathematics, Electronics and Computers, no.4, pp.224-229, 2016 (Peer-Reviewed Journal)

XXI. **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)

XXII. **The Principal Component Analysis Method Based Descriptor for Visual Object Classification**
KURT Z., ÖZKAN K., IŞIK Ş.
International Journal of Intelligent Systems and Applications in Engineering, vol.3, no.3, pp.97, 2015 (Peer-Reviewed Journal)

XXIII. **A Comparative Evaluation of Well known Feature Detectors and Descriptors**
IŞIK Ş., ÖZKAN K.
International Journal of Applied Mathematics, Electronics and Computers, vol.3, no.1, pp.1, 2015 (Peer-Reviewed

Journal)

XXIV. **Edge Preserving Super Resolution using an Adaptive Outlier Rejection Method**
ÖZKAN K., SEKE E.
Journal of Engineering Architecture Faculty, vol.23, no.2, pp.35-51, 2010 (Peer-Reviewed Journal)

XXV. **GÖRÜNTÜ İSTATİSTİKLERİNDEN FAYDALANARAK LBG ALGORİTMASININ GÜNCELLENMESİ**
ÖZKAN K., SEKE E.
Journal of Engineering and Architecture Faculty of Eskişehir Osmangazi University, no.1, pp.35-51, 2007 (Peer-Reviewed Journal)

XXVI. **Multiresolution Approach to Subpixel Registration by Linear Approximation of PSF**
SEKE E., ÖZKAN K.
PROCEEDINGS OF WORLD ACADEMY OF SCIENCE, ENGINEERING AND TECHNOLOGY, VOL1, vol.1, pp.96-99, 2007 (Peer-Reviewed Journal)

XXVII. **Rregistration of subpixel translations using a piecewise linear approximation of PSF**
SEKE E., ÖZKAN K.
WSEAS Transactions on Information Science and Applications, vol.4, no.1, pp.1094-1100, 2004 (Scopus)

Books & Book Chapters

I. **Kısıtlayıcı ve Tetikleyiciler**
YAZICI A., ÖZKAN K., ADAR N., KANDEMİR C. M., GÜREL U.
in: Veritabanı Programlama, Sinan Aydın; Gürkan Öztürk, Editor, Anadolu Üniversitesi, Eskişehir, pp.58-76, 2016

II. **Güvenlik ve Yetkilendirme**
YAZICI A., ÖZKAN K., ADAR N., KANDEMİR C. M., GÜREL U.
in: Veritabanı programlama, Sinan Aydın; Gürkan Öztürk, Editor, anadolu üniversitesi, Eskişehir, pp.98-113, 2016

Refereed Congress / Symposium Publications in Proceedings

I. **Investigation of early detection possibilities of sugar beet disease with machine learning algorithms based on multispectral reflection**
TUĞRUL K. M., ÖZKAN K., GÜREL U., CEYHAN M., Kaya R., Aydoğdu M., Fidantemiz Y. F.
2023 International Conference on Green Energy: Intelligent Transport Systems - Clean Energy Transitions, GreenEnergy 2023, Kyiv, Ukraine, 22 - 24 November 2023, vol.508

II. **Traffic Light Control with Policy Gradient-Based Reinforcement Learning Politika Gradyan Tabanlı Pekiştirmeli Öğrenme ile Trafik Işığı Kontrolü**
Taş M. B. H., ÖZKAN K., SARIÇİÇEK İ., YAZICI A.
32nd IEEE Conference on Signal Processing and Communications Applications, SIU 2024, Mersin, Turkey, 15 - 18 May 2024

III. **Routing with Pickup and Delivery via Deep Reinforcement Learning Derin Pekiştirmeli Öğrenme ile Al-Bırak Rotalama**
Aslan Yildiz Ö., SARIÇİÇEK İ., ÖZKAN K., YAZICI A.
32nd IEEE Conference on Signal Processing and Communications Applications, SIU 2024, Mersin, Turkey, 15 - 18 May 2024

IV. **Derin Öğrenme ile Yazılım Hata Tespiti**
KARTAL Y., CEYHAN M., ÖZKAN K.
4th International Conference on Data Science and Applications, 04 June 2021

V. **Common Vector Approach Based Image Gradients Computation for Edge Detection**
IŞIK Ş., ÖZKAN K.
Mathemetical Aspects of computer and Information Sciences, İstanbul, Turkey, 13 - 15 November 2019, vol.1

VI. **Visual Features with Common Vector Approach on Recomennder Systems**

ÖZKAN K., BALIM C.

5th International Conference on Engineering and Natural Science, Prag, Czech Republic, 12 - 16 June 2019, vol.1, pp.355-365

VII. **Application of Principal Component Analysis to Determine the Effect of Process Parameters on the Pyrolysis Product Yields**

ÖZKAN A., ÖZKAN K., GÜNKAYA Z., YAPICI E., Akgün H., BANAR M.

5th International Conference on Engineering and Natural Science, Prague, Czech Republic, 12 - 16 June 2019, pp.414-420

VIII. **Shallow and Deep Convolutional NeuralNetwork Models for Classification of VNIRWheat Samples**

ÖZKAN K., IŞIK Ş., YAVUZ B.

5th INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENCES, Prague, Czech Republic, 12 - 16 June 2019, pp.363-368

IX. **Effects of Feature Extraction Methods to Malware Classification**

Kartal Y., Yılmaz F., Özkan K.

27th Signal Processing and Communication Applications, Sivas, Turkey, 24 - 26 April 2019

X. **Shape-Based Descriptor for Sunn Pest Damaged Wheat Kernel Detection**

Kartal Y., ÖZKAN K.

27th Signal Processing and Communications Applications Conference (SIU), Sivas, Turkey, 24 - 26 April 2019

XI. **On Similarity Measures for a Graph-Based Recommender System**

Kurt Z., Bilge A., ÖZKAN K., Gerek O. N.

25th International Conference on Information and Software Technologies (ICIST), Vilniaus, Lithuania, 10 - 12 October 2019, vol.1078, pp.136-147

XII. **Functional Classification of Web Pages with Deep Learning**

Balim C., ÖZKAN K.

27th Signal Processing and Communications Applications Conference (SIU), Sivas, Turkey, 24 - 26 April 2019

XIII. **Atık Portakal Kabuklarıyla Altın Adsorpsiyonunun Regresyon Analizi**

ÖZKAN K., IŞIK Ş., ÖZKAN A., GÜNKAYA Z., BANAR M.

UKSAY, 25 - 27 October 2018

XIV. **Regression Analysis of the Gold Adsorption by Waste Orange Peels**

ÖZKAN K., IŞIK Ş., ÖZKAN A., GÜNKAYA Z., BANAR M.

International Symposium on Urban Water and Wastewater Management, 25 - 27 October 2018

XV. **Optimized parameters for bell-shaped error function in recommender system**

ÖZKAN K., SEKE E., KARTAL Y., ÜNAL T., KASAP M.

EURO 2018 29th European Conference on Operational Research, 8 - 11 July 2018

XVI. **Use of image analysis methods to determine the chlorine content of refuse derived fuel**

ÖZKAN A., ÖZKAN K., IŞIK Ş., GÜNKAYA Z., BANAR M.

29th European Conference on Operational Research (EURO2018), Valencia, Spain, 11 July 2018, pp.150

XVII. **Optimization Based Design with Subgradient Method in Recommender System**

Kurt Z., ÖZKAN K.

26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018

XVIII. **Facial Expression Recognition with FHOG Features**

Gacav C., Benligiray B., ÖZKAN K., Topal C.

26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018

XIX. **Evaluation of Convolutional Neural Network Features for Malware Detection**

ÖZKAN K., IŞIK Ş., Kartal Y.

6th International Symposium on Digital Forensic and Security (ISDFS), Antalya, Turkey, 22 - 25 March 2018, pp.404-407

XX. **Using Movie Posters for Prediction of Box-Office Revenue with Deep Learning Approach**

ÖZKAN K., Atak O. N., IŞIK Ş.

26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018

XXI. **Feature Selection from 3D Brain Model for Some Dementia Subtypes Using Genetic Algorithm**

OKYAY S., ADAR N., ÖZKAN K., Adapınar B.

The 5th International Conferenceon Advanced Technology Sciences (ICAT17), İstanbul, Turkey, 9 - 12 May 2017

XXII.   **MULTISPECTRAL IMAGE FUSION USING A NEW TENSOR APPROACH**

IŞIK Ş., ÖZKAN K., DORDINEJAD G.

International Confererence on Advanced Technology Sciences, 9 - 12 May 2017

XXIII. **Prediction of Heating Values of Refuse Derived Fuel from Proximate Analysis Data**

ÖZKAN K., IŞIK Ş., ÖZKAN A., GÜNKAYA Z., BANAR M.

5th International Conference on Advanced Technology Sciences, 9 - 12 May 2017, pp.212-216

XXIV.   **An Image-based Recommender System Based on Image Annotation**

ÖZKAN K., KURT Z., SEKE E.

3rd International Conference on Engineering and Natural Sciences, Budapest, Hungary, 3 - 07 May 2017, pp.1248-1252

XXV.   **Shape Features Based Conic Arcs for Unclassified Wheat Identification**

ONARCAN A. O., ÖZKAN K., SEKE E., Ongun M.

III International Conf. on Engineering and Natural Science, Budapest, Hungary, 3 - 07 May 2017, vol.1, pp.1253-1256

XXVI.   **Unclassified Wheat Identification with Bag of Contour Fragments**

Onarcan A. O., ÖZKAN K., OLGUN M.

25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017

XXVII. **Quality Measurement of Fruits and Vegetables with Near Infrared Camera**

Turker D., Sezer R., IŞIK Ş., ÖZKAN K.

25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017

XXVIII. **An Image-based Recommender System Based on Feature Extraction Techniques**

Kurt Z., ÖZKAN K.

2017 International Conference on Computer Science and Engineering (UBMK), Antalya, Turkey, 5 - 08 October 2017, pp.769-774

XXIX.   **Subspace based Speech Enhancement using Common Vector Approach**

DURAK M. H., SEKE E., ÖZKAN K.

4th International Symposium on Innovative Technologies in Engineering and Science, Antalya, Turkey, 3 - 05 November 2016, pp.1735-1742

XXX.   **A note on background subtraction by utilizing a newtensor approach**

IŞIK Ş., ÖZKAN K., DOĞAN M., GEREK Ö. N.

3rd International Conference on Advanced Technology & Sciences (ICAT'16), 1 - 03 September 2016, pp.1497-1502

XXXI.   **SPEECH DENOISING USING COMMON VECTOR ANALYSIS IN FREQUENCYDOMAIN**

SEKE E., DURAK M. H., ÖZKAN K.

3rd International Conference on Advanced Technology & Sciences, 1 - 03 September 2016

XXXII. **A NOTE ON BACKGROUND SUBTRACTION BY UTILIZING A NEW TENSORAPPROACH**

IŞIK Ş., ÖZKAN K., DOĞAN M., GEREK Ö. N.

3rd International Conference on Advanced Technology & Sciences, 1 - 03 September 2016

XXXIII. **A NEW SUBSPACE BASED SOLUTION TO BACKGROUND MODELLING ANDCHANGE DETECTION**

IŞIK Ş., ÖZKAN K., DOĞAN M., GEREK Ö. N.

3rd International Conference on Advanced Technology & Sciences, 1 - 03 September 2016

XXXIV. **FEATURE SELECTION ON MR IMAGES USING GENETIC ALGORITHMWITH SVM AND NAIVE BAYES CLASSIFIERS**

OKYAY S., ADAR N., ÖZKAN K., ŞAYLISOY S., ADAPINAR B. O., ADAPINAR B.

3rd International Conference on Advanced Technology & Sciences, 1 - 03 September 2016

XXXV.   **A V2V System Module for Inter Vehicle Communication**

özdemir ö., kılıç i., YAZICI A., ÖZKAN K.

2016 3rd International Conference on Electrical and Electronics Engineering (ICEEE 2016), İstanbul, Turkey, 11 - 12 April 2016, vol.850, pp.16-22

XXXVI. **curve fitting modelling for the estimation of silver absorption into biosorbent**
ÖZKAN K., ÖZKAN A., IŞIK Ş., ÇOKAYGİL Z., BANAR M.
SYMPOSIUM ON EUROASIAN BIODIVERSITY, 23 - 27 May 2016

XXXVII. **Classification of Some Dementia Types Due to Feature Selection with Artificial Neural Networks**
OKYAY S., ADAR N., ÖZKAN K., ŞAYLISOY S., Adapinar B. D. O., Adapinar B.
24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Turkey, 16 - 19 May 2016, pp.1121-1124

XXXVIII. **A new Approach for Speech Denoising**
ÖZKAN K., SEKE E., IŞIK Ş.
24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Turkey, 16 - 19 May 2016, pp.2109-2112

XXXIX. **Comparison of Different Modeling Methods of Copper Adsorption by Modified Orange Peels**
Ozkan A., Ozkan K., Isik Ş., Gunkaya Z., Banar M.
16th International Symposium on Environmental Issues and Waste Management in Energy and Mineral Production (SWEMP) / International Symposium on Computer Applications (CAMI), İstanbul, Turkey, 5 - 07 October 2016

XL. **Fusion of Multispectral Images Using a New Subspace Approach**
IŞIK Ş., Dordinejad G., ÖZKAN K.
24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Turkey, 16 - 19 May 2016, pp.381-384

XLI. **Multispectral Image Fusion Based on the Common Vector Approach**
ÖZKAN K., IŞIK Ş., Dordinejad G.
International Symposium on Innovations in Intelligent Systems and Applications (INISTA), Sinaia, Romania, 2 - 05 August 2016

XLII. **Pre processing methods for imbalanced data set of wilted tree**
türk a. m., ÖZKAN K.
The International Conference On Science, Ecology And Technology I, 25 - 28 August 2015

XLIII. **Spam e mail classification using a new term weighting approach for an agglutinative language**
IŞIK Ş., ÖZKAN K., KURT Z.
INTERNATIONAL CONFERENCE ON TECHNOLOGY AND SCİENCES (ICAT'15), Antalya, Turkey, 4 - 07 August 2015, pp.34-39

XLIV. **Color Feature Extraction Methods For Tooth ShadeDetermination**
kurt m., Bal B. T., KURT Z., ÖZKAN K.
Proceedings of the World Congress on Electrical Engineering and Computer Systems and Science (EECSS 2015), Barcelona, Spain, 13 - 14 July 2015, pp.321-322

XLV. **Denoising Speech Signal using Common Vector Approach**
Durak M. H., SEKE E., ÖZKAN K.
23nd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.1961-1964

XLVI. **Prediction for the Solid Waste Composition by use of Different Curve Fitting Models: A Case Study**
ÖZKAN K., IŞIK Ş., ÖZKAN A., BANAR M.
International Symposium on Innovations in Intelligent SysTems and Applications (INISTA 2015), Madrid, Spain, 2 - 04 September 2015, pp.173-178

XLVII. **Weighted Principal Component Analysis Based Edge Linking**
ÖZKAN K., IŞIK Ş.
International Symposium on Innovations in Intelligent SysTems and Applications (INISTA 2015), Madrid, Spain, 2 - 04 September 2015, pp.70-76

XLVIII. **Edge Linking Using Angle Information**
IŞIK Ş., ÖZKAN K.
23nd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.423-426

XLIX. **The Principal Component Analysis Method Based Descriptor for Visual Object Classification**

KURT Z., ÖZKAN K., IŞIK Ş.

İnternation Conference on Advanced Technology & Sciences (ICAT' 14), Antalya, Turkey, 12 - 15 August 2014, pp.33-37

L. **A Comparative Evaluation of Well known Feature Detectors and Descriptors**

IŞIK Ş., ÖZKAN K.

INTERNATIONAL CONFERENCE ON ADVANCED TECHNOLOGY AND SCIENCES (ICAT'xx14), 12 - 15 August 2014, pp.26-32

LI. **A NOVEL MULTI-SCALE AND MULTI-EXPERT EDGE DETECTION METHOD BASED ON COMMON VECTOR APPROACH**

IŞIK Ş., ÖZKAN K.

22nd IEEE Signal Processing and Communications Applications Conference (SIU), Trabzon, Turkey, 23 - 25 April 2014, pp.1630-1633

LII. **Shape Features Based Conic Arcs for Leaf Recognition**

Avci T., Kokdemir G., Kurt Z., ÖZKAN K.

22nd IEEE Signal Processing and Communications Applications Conference (SIU), Trabzon, Turkey, 23 - 25 April 2014, pp.1463-1466

LIII. **Automated PET Classification in Waste Management Systems using Kernel PCA**

KURT Z., ÖZKAN K., SEKE E.

4rth International Exergy, Life Cycle Assessment, and Sustainability Workshop Symposium, Nisyros Island, Greece, 7 - 09 July 2013

LIV. **Transparency Detection for Automated PET Classification in Waste Management Systems**

ÖZKAN K., SEKE E.

International Conference on Environmental Science and Technology, Nevşehir, Turkey, 18 - 21 June 2013

LV. **An Image Superresolution Problem Using The New Data Fidelity Term**

ÖZKAN K., SEKE E., KURT Z.

Fourth International Conference on Mathematical and Computational Applications, Manisa, Turkey, 11 - 13 June 2013, vol.1, pp.59-66

LVI. **Corner Detection via Trilateral Filtering of Chain Codes**

ÖZKAN K., TOPAL C.

INNOVATIONS IN INTELLIGENT SYSTEMS AND APPLICATIONS. INTERNATIONAL SYMPOSIUM. 2011. (INISTA 2011), İstanbul, Turkey, 15 - 18 June 2011, pp.168-172

LVII. **Kenarlılık En Büyüklemesi ile İmgedeki Bulanıklığın Giderilmesi**

ÖZKAN K., SEKE E.

ELEKTRİK - ELEKTRONİK ve BİLGİSAYAR MÜHENDİSLİĞİ SEMPOZYUMU ELECO 2010, Bursa, Turkey, 2 - 05 December 2010

LVIII. **Suboptimal Optimization Method for Dominant Point Detection**

Oral L., ÖZKAN K.

21st Signal Processing and Communications Applications Conference (SIU), CYPRUS, 24 - 26 April 2013

LIX. **Description of Contour with Meaningful Points**

Kurt Z., ÖZKAN K.

21st Signal Processing and Communications Applications Conference (SIU), CYPRUS, 24 - 26 April 2013

LX. **A ROBUST CSS CORNER DETECTOR BASED ON THE TURNING ANGLE CURVATURE OF IMAGE GRADIENTS**

TOPAL C., ÖZKAN K., Benligiray B., AKINLAR C.

IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP), Vancouver, Canada, 26 - 31 May 2013, pp.1444-1448

LXI. **Freeman Kodlarının Çift Yönlü Süzgeçlenmesi ile Köşe Tespiti**

TOPAL C., ÖZKAN K., AKINLAR C.

IEEE Sinyal İşleme ve İletişim Uygulamaları Kurultayı (SİU), Turkey, 01 April 2012

LXII. **Combination of l1 and l2 norms for image deconvolution problems**

ÖZKAN K., SEKE E.

Electrical and Electronics Engineering (ELECO), 2011 7th International Conference on, Bursa, Turkey, 1 - 04 December 2011, vol.2, pp.148-151

LXIII. **Combination of l 1 and l 2 norms for image deconvolution problems**
ÖZKAN K., SEKE E.
7th International Conference on Electrical and Electronics Engineering, ELECO 2011, Bursa, Turkey, 1 - 04 December 2011

LXIV. **Yüksek Çözünürlük Algoritmasında L1 ve L2 Norm Seçimi**
KURT Z., ÖZKAN K., SEKE E.
Elektrik-Elektronik Bilgisayar Sempozyumu, Elazığ, Turkey, 5 - 07 October 2011, vol.2, pp.73-77

LXV. **Corner detection with bilateral filtering of freeman codes**
TOPAL C., ÖZKAN K., akinlar c.
2011 IEEE 19th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, Turkey, 20 - 22 April 2011, pp.622-625

LXVI. **Image deblurring based on maximization of edginess Kenarlilik en büyüklemesi ile imgedeki bulanikliğin giderilmesi**
ÖZKAN K., SEKE E.
2010 7th National Conference on Electrical, Electronics and Computer Engineering, ELECO 2010, Bursa, Turkey, 2 - 05 December 2010, pp.634-637

LXVII. **Hücre Alanları Yöntemi le Subpiksel mge Çakıştırmada Parlaklık Etkisinin Giderilmesi**
ÖZKAN K., SEKE E.
HİTEK 2004, Havacılıkta İleri Teknolojiler ve Uygulamaları Sempozyumu, İstanbul, Turkey, 1 - 03 December 2004

LXVIII. **ÖZYİNELİ YÜKSEK ÇÖZÜNÜRLÜK ALGORİTMASI İÇİNDE UYARLAMALI VE AYKIRI DEĞER AYIKLAMALI ARADEĞERLEME**
ÖZKAN K., SEKE E.
Uzaktan Algılama ve CBS sempozyumu (3.UZAL-CBS) UZALCBS 2010, Kocaeli, Turkey, 11 - 13 October 2010, pp.273-280

LXIX. **DÜŞÜK ÇÖZÜNÜRLÜKLÜ GÖRÜNTÜLERDEN AYKIRI DEĞER AYIKLAMASI KULLANARAK GÜRBÜZ YÜKSEK ÇÖZÜNÜRLÜKLÜ GÖRÜNTÜ ELDE ETME YÖNTEMİ**
ÖZKAN K., SEKE E.
elektrik, elektronik ve bilgisayar mühendisleri sempozyumu , eleco 2006, Bursa, Turkey, 6 - 10 December 2006

LXX. **Subpixel image registration using cell areas Hücre alanlari yöntemiyle alt piksei imge çakiştirma**
Oezkan K., SEKE E.
2007 IEEE 15th Signal Processing and Communications Applications, SIU, Eskişehir, Turkey, 11 - 13 June 2007

LXXI. **Iterative Super Resolution Reconstruction from Multiple Images Using Cluster Computers**
ADAR N., SEKE E., KANDEMİR C. M., ÖZKAN K.
2007 IEEE 15th Signal Processing and Communications Applications, Eskisehir, Turkey, Turkey, 11 - 13 June 2007

LXXII. **<bold>Iterative Super Resolution Reconstruction from Multiple Images Using Cluster Computers</bold>**
ADAR N., SEKE E., KANDEMİR C. M., ÖZKAN K.
IEEE 15th Signal Processing and Communications Applications Conference, Eskişehir, Turkey, 11 - 13 June 2007, pp.1187-1188

LXXIII. **Multiresolution Approach to Subpixel Registration by Linear Approximation of PSF**
SEKE E., ÖZKAN K.
Conference of the World-Academy-of-Science-Engineering-and-Technology, London, Canada, 12 - 14 January 2005, vol.1, pp.96-99

LXXIV. **LBG Algoritmasının Görüntü Dizileri İçin Güncellenmesi**
ÖZKAN K., SEKE E.
ELECO-2006 Elektrik, Elektronik, Bilgisayar Müh. Sempozyumu, Bursa, Turkey, 6 - 10 December 2006

LXXV. **Düşük Çözünürlüklü Görüntülerden Aykırı Değer Ayıklaması Kullanarak Yüksek Çözünürlüklü Görüntü Elde Etme**
ÖZKAN K., SEKE E.

ELECO-2006 Elektrik, Elektronik, Bilgisayar Müh. Sempozyumu, Bursa, Turkey, 6 - 10 December 2006

LXXVI. **Blur estimation in iterative super-resolution restoration algorithms**
ÖZKAN K., SEKE E., Canbek S.
IEEE 14th Signal Processing and Communications Applications, Antalya, Turkey, 16 - 19 April 2006, pp.469-470

LXXVII. **Iterative super-resolution reconstruction using modified subgradient method**
ÖZKAN K., SEKE E., ADAR N., Canbek S.
International Workshop on Multimedia Content Representation, Classification and Security, MRCS 2006, İstanbul, Turkey, 11 - 13 September 2006, pp.714-721

LXXVIII. **Iterative Superresolution Reconstruction From Multiple Images With Area Sampling Sensor Model**
SEKE E., ÖZKAN K.
ELECO-2005 Int. Conference on Electrical and Electronics Eng., Bursa, Turkey, 7 - 11 December 2005

LXXIX. **least squares subpixel image registration using CCD cell areas**
SEKE E., ÖZKAN K.
International Conference on Informatics, ICI 2004, İzmir, Turkey, 1 - 04 September 2004, pp.1-5

LXXX. **görüntü sıkıştırmada eksik cosine dönüşümü ile blok etkisini giderme**
SEKE E., ÖZKAN K.
8. sinyal işleme ve uygulamaları kurultayı, siu 2000, Antalya, Turkey, 12 - 14 June 2000, pp.263-266

Supported Projects

Özkan K., Research Project of the Presidency of Turkey Health Institutes (TÜSEB), Yaşlı Bireylerde Sanal Gerçeklik Deneyimleme Tasarım Modeli (SAGEMOD), 2024 - 2026

Yazıcı A., Özkan K., Sarıçiçek İ., Özkan M., Çinar E., Yayan U., Özçelik İ., Akkuzu Kaya G., Yazar A., TUBITAK Project, Sürdürülebilir Kentler İçin İleri Teknolojiler Platformu (SÜİT), 2022 - 2026

Özkan K., Çömlekçioğlu N., Seke E., Ünal F., Bozbuğa R., Önder S., Kartal Y., TUBITAK Project, Yapay Zeka İle Sera Koşullarındaki Hıyar Yetiştiriciliğinde Bazı Hastalık Ve Zararlıların Erken Dönemde Tanısı Ve İzlenmesi, 2023 - 2025

EDİZKAN R., BİLGİN M., ÖZKAN K., Project Supported by Higher Education Institutions, Eskişehir Osmangazi Üniversitesi Ar-Ge Potansiyelinin Artırılmasına Yönelik Strateji ve Uygulamaların Geliştirilmesi, 2020 - 2024

Yayan K., Yayan U., Özkan K., Yazıcı A., EU Supported Other Project, Fabric Composition Detector (FABCOD), 2023 - 2023

Yazıcı A., Sarıçiçek İ., Özkan K., Ünsal A., Çinar E., TUBITAK Project, TÜBİTAK 2232 Uluslararası Lider Araştırmacılar Projesi Proje başlığı: Development of Intelligent Fault Detection and Predictive Maintenance Systems, 2020 - 2023

Özkan K., Seke E., Olgun M., Belen S., Karaduman Y., Uzun İ., Kartal Y., TUBITAK Project, Ülkesel Ekmeklik Buğday Alım Baremi İçin Taşınabilir V-NIR Cihazı Geliştirilmesi, 2020 - 2022

ÖZKAN K., KARTAL Y., SEKE E., CEYLAN M. N., ADAR N., GÜREL U., Project Supported by Higher Education Institutions, EsOguChain: Blok Zinciri Tabanlı Dijital Öğrenci Sertifika Uygulaması, 2020 - 2021

Banar M., Özkan K., Özkan M., Özkan A., Günkaya Z., TUBITAK Project, Use of Chemical Input Focused Hyper Spectral Imaging and Deep Learning Methods for Developing an Early Warning System which Sustains The Process, Environment and Material Quality Assurance for Determination of The Characteristics of Refuse Derived Fuels which Will Be Used In Cement Facilities, 2018 - 2021

Özkan K., Yut M., TUBITAK Project, Ham zeytinten zeytin yağı kalitesinin belirlenmesi, 2018 - 2019

Özkan K., Işık Ş., TUBITAK Project, Fusion of three imaging data (Visible Infrared (VIR), Visible Near Infrared (VNIR), Shortwave Infrared (SWIR)) for wheat classification and disease detection in wheat, 2017 - 2019

ÖZKAN K., Project Supported by Other Official Institutions, Görüntü İşleme Yöntemleri ile Buğday Sınıflandırması, 2016 - 2019

ÖZKAN K., YAZICI A., ÖZKAN M., Project Supported by Higher Education Institutions, GPU-Tabanlı Yüksek Performanslı Hesaplamasal Sistem Oluşturulması, 2017 - 2018

Özkan K., Turttaş M., TUBITAK Project, DRONE İLE TAHIL ALANLARINDAKİ BESİN ELEMENTLERİNİN BESLENME BOZUKLUKLARI VE ZARARLILARIN TESPİTİ, 2016 - 2017

ÖZKAN K., Project Supported by Higher Education Institutions, Atıktan Türetilmiş Yakıtların (Aty) Yaklaşık Analiz Sonuçlarından IsılDeğerlerinin Belirlenmesi ve Elementel Analiz Validasyonu, 2016 - 2017

ÖZKAN K., Project Supported by Higher Education Institutions, Atık Portakal Kabuklarıyla Paladyum Adsorpsiyonunun Farklı YöntemlerleModellenmesi, 2016 - 2017

EDİZKAN R., ÖZKAN K., YAZICI A., Industrial Thesis Project, Araç Algılama ve Uyarı Sistemi, 2014 - 2016

SEKE E., ÖZKAN K., Project Supported by Higher Education Institutions, Düşük Çözünürlüğe Sahip Görüntülerden Yüksek Çözünürlüğe Sahip Görüntüler Elde Edilmesi, 2010 - 2012

Özkan K., Banar M., Project Supported by Higher Education Institutions, Labaratuvar Ölçekli Bir İnsinatörde Koşulların Performansı ve Atık giderme Verimliliği Üzerine Etkisi, 2005 - 2006

Metrics

Publication: 135
Citation (WoS): 301
Citation (Scopus): 525
H-Index (WoS): 9
H-Index (Scopus): 11

Non Academic Experience

TUBITAK, Türkiye Bilimsel ve Teknolojik Araştırma Kurumu, ARAŞTIRMA DESTEK PROGRAMLARI BAŞKANLIĞI