

## Prof. KEMAL ÖZKAN

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: AAG-3257-2020

ScopusID: 15081108900

Yoksis Researcher ID: 171712

### Education Information

Doctorate, Eskisehir Osmangazi University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (Dr), Turkey 2000 - 2007

Postgraduate, Eskisehir Osmangazi University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (YI) (Tezli), Turkey 1998 - 2000

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

### Dissertations

Doctorate, Düşük çözünürlüklü görüntülerden yüksek çözünürlüklü görüntü elde etme, Eskisehir Osmangazi University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (Dr), 2007

Postgraduate, LBG algoritmasında görüntü istatistiklerinden faydalanma, Eskisehir Osmangazi University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (YI) (Tezli), 2000

### Research Areas

Computer Vision, Artificial Intelligence, Computer Learning and Pattern Recognition

### Academic Titles / Tasks

Associate Professor, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Bilgisayar Mühendisliği, 2018 - Continues

Assistant Professor, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Bilgisayar Mühendisliği, 2008 - 2017

Research Assistant, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Elektrik Elektronik Mühendisliği Bölümü, 1998 - 2008

## Academic and Administrative Experience

Assistant Manager of Research and Application Center, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Bilgisayar Mühendisliği, 2020 - Continues

Head of Department, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Bilgisayar Mühendisliği, 2020 - Continues

Head of Department, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Bilgisayar Mühendisliği, 2020 - Continues

Head of Department, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Yazılım Mühendisliği, 2021 - 2022

Rector's Advisor, Eskisehir Osmangazi University, Rektörlük, 2019 - 2022

Head of Department, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Bilgisayar Mühendisliği, 2020 - 2021

Head of Department, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Bilgisayar Mühendisliği, 2018 - 2021

Deputy Head of Department, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Bilgisayar Mühendisliği, 2015 - 2018

Deputy Head of Department, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Bilgisayar Mühendisliği, 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 Tanımda 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 başarımlar 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 eğitimli 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 çıkarılma, 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. **Diagnosing fashion outfit compatibility with deep learning techniques**  
Balim C., ÖZKAN K.  
Expert Systems with Applications, vol.215, 2023 (SCI-Expanded)
- II. **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)
- III. **Creating an AI fashioner through deep learning and computer vision**  
Balim C., ÖZKAN K.  
Evolving Systems, 2023 (SCI-Expanded)
- IV. **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)
- V. **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)
- VI. **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)
- VII. **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)
- VIII. **A novel deep learning approach for intelligent fault diagnosis applications based on time-frequency images**  
Gültekin Ö., Çınar E., Özkan K., Yazıcı A.

- NEURAL COMPUTING & APPLICATIONS, vol.34, no.6, pp.4803-4812, 2022 (SCI-Expanded)
- IX. **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)
- X. **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)
- XI. **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)
- XII. **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)
- XIII. **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)
- XIV. **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)
- XV. **A Similarity-Inclusive Link Prediction Based Recommender System Approach**  
Kurt Z., ÖZKAN K., Bilge A., Gerek O. N.  
ELEKTRONIKA IR ELEKTROTEHNIKA, vol.25, no.6, pp.62-69, 2019 (SCI-Expanded)
- XVI. **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)
- XVII. **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)
- XVIII. **Image denoising using common vector approach**  
ÖZKAN K., SEKE E.  
IET IMAGE PROCESSING, vol.9, no.8, pp.709-715, 2015 (SCI-Expanded)
- XIX. **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)
- XX. **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)
- XXI. **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)
- XXII. **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. **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)
- II. **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)
- III. **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 UNIVERSİTESİ MUHENDİSLİK BİLİMLERİ DERGİSİ, vol.27, no.5, pp.618-626, 2021 (ESCI)
- IV. **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)
- V. **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)
- VI. **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)
- 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. **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)
- X. **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)
- XI. **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)
- XII. **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)
- XIII. **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)
- XIV. **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)

- XV. **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)
- XVI. **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)
- XVII. **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)
- XVIII. **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)
- XIX. **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)
- XX. **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)
- XXI. **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)
- XXII. **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)
- XXIII. **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)
- XXIV. **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)
- XXV. **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)
- XXVI. **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. Derin Öğrenme ile Yazılım Hata Tespiti**

KARTAL Y., CEYHAN M., ÖZKAN K.

4th International Conference on Data Science and Applications, 04 June 2021

**II. Common Vector Approach Based Image Gradients Computation for Edge Detection**

IŞIK Ş., ÖZKAN K.

Mathematical Aspects of computer and Information Sciences, İstanbul, Turkey, 13 - 15 November 2019, vol.1

**III. Visual Features with Common Vector Approach on Recommennder 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

**IV. 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

**V. 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

**VI. 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

**VII. 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), Vilnius, Lithuania, 10 - 12 October 2019, vol.1078, pp.136-147

**VIII. 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

**IX. 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

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

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

UKSAY, 25 - 27 October 2018

**XI. 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

**XII. 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



- XIII. **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
- XIV. **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
- XV. **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
- XVI. **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
- XVII. **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
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