

Asst. Prof. RECAİ ÖZCAN

Personal Information

Email: recaiozcan@cumhuriyet.edu.tr

Web: <https://avesis.cumhuriyet.edu.tr/recaiozcan>

International Researcher IDs

ORCID: 0000-0003-1708-1225

ScopusID: 57208752789

Yoksis Researcher ID: 48350

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Görüntü işleme ve evrimsel sinir ağları yöntemleriyle bitki tespiti için bilgisayarlı görü sistemi geliştirilmesi, Selcuk University, Fen Bilimleri Enstitüsü, 2022

Postgraduate, Pastane vitrinleri iklimlendirme otomasyonu, Selcuk University, Fen Bilimleri Enstitüsü, 2015

Research Areas

Mechatronic Systems, Computer Vision, Electric Motor Drivers

Academic Titles / Tasks

Assistant Professor, Sivas Cumhuriyet University, Teknoloji Fakültesi, Mekatronik Mühendisliği Bölümü, 2024 - Continues
Lecturer, Selcuk University, 2008 - 2024

Published journal articles indexed by SCI, SSCI, and AHCI

- Embedded Fuzzy Logic Control System for Refrigerated Display Cabinets**
Tutuncu K., Ozcan R.
Arabian Journal for Science and Engineering, vol.44, no.11, pp.9529-9543, 2019 (SCI-Expanded)

Articles Published in Other Journals

- Comparison of Plant Detection Performance of CNN-based Single-stage and Two-stage Models for Precision Agriculture**
ÖZCAN R., TÜTÜNCÜ K., KARACA M.
Selcuk Journal of Agriculture and Food Sciences, vol.36, no.Special Issue, pp.53-58, 2022 (Peer-Reviewed Journal)
- Comparison of Classification Techniques on Energy Efficiency Dataset**

Toprak A., KÖKLÜ N., TOPRAK A., ÖZCAN R.

International Journal of Intelligent Systems and Applications in Engineering, vol.5, no.2, pp.4188-8652, 2017 (Peer-Reviewed Journal)

III. **Arduino ile Tek Fazlı AC Kıyıcı Devresi Tasarımı ve Uygulaması**

ÖZCAN R., TOPRAK A., TOPRAK A.

Mühendis Beyinler Dergisi, vol.2, no.1, pp.1-5, 2017 (Non Peer-Reviewed Journal)

IV. **Design of Air Conditioning Automation for Patisserie Shopwindow**

TÜTÜNCÜ K., ÖZCAN R.

World Academy of Science, Engineering and Technology International Journal of Electrical and Computer Engineering, vol.7, no.8, pp.1083-1086, 2013 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. **Raspberry Pi ile Gerçek Zamanlı Bitki Algılama Uygulaması**

ÖZCAN R., TÜTÜNCÜ K.

1st International Conference on Recent Academic Studies (ICRAS), 2023, Konya, Turkey, 02 May 2023

II. **Comparison of Plant Detection Performances of Single-Stage and Two-Stage CNN-based Deep Learning Models for Precision Agriculture**

ÖZCAN R., TÜTÜNCÜ K., KARACA M.

ENAG International Congress on Engineering and Agriculture, Konya, Turkey, 26 - 30 September 2022, pp.114

III. **Design And Analysis Of PI Controller Based Four Quadrant DC Motor Drive With Bipolar And Unipolar Switching Methods**

TÜTÜNCÜ K., ÖZCAN R.

International Conference on Engineering Technologies (ICENTE'19), Konya, Turkey, 25 - 27 October 2019, pp.298-303

IV. **Structural Attacks and File System Attacks in Portable Memory**

ÖZCAN Ö., TOPRAK A., ÖZCAN R., TOPRAK A.

2nd International Scientific and Vocational Studies Congress (BILMES 2018), Nevşehir, Turkey, 5 - 08 July 2018, pp.633-634

V. **Design of AC Chopper Circuit for Single Phase Systems**

TOPRAK A., ÖZCAN R., TOPRAK A., ÖZCAN Ö.

2nd International Scientific and Vocational Studies Congress (BILMES 2018), Nevşehir, Turkey, 5 - 08 July 2018, pp.297

VI. **A Genetic AlgorithmBased Method to Maximize the Number of Customers Achieved by Different Advertising Tools**

ÖZCAN Ö., TOPRAK A., TOPRAK A., ÖZCAN R.

2nd International Scientific and Vocational Studies Congress (BILMES 2018), Nevşehir, Turkey, 5 - 08 July 2018, pp.631-632

VII. **Modelling and Simulation Based on Channel Length for MOSFET Device Using MATLAB/Simulink**

TOPRAK A., TOPRAK A., ÖZCAN R., ÖZCAN Ö.

2nd International Scientific and Vocational Studies Congress (BILMES 2018), Nevşehir, Turkey, 5 - 08 July 2018, pp.271

VIII. **Three-Phase Asynchronous Motor Speed Control with Microcontroller Based AC Motor Drive**

ÖZCAN R., TOPRAK A., TOPRAK A., ÖZCAN Ö.

2nd International Scientific and Vocational Studies Congress (BILMES 2018), Nevşehir, Turkey, 5 - 08 July 2018, pp.666-667

IX. **Evaluation of Perspective of Students with University-Industry Collaboration**

DOĞAN A., SÖYLEMEZ İ., ÖZCAN R., ÖZCAN U., TOSUN A., ERDOĞDU M., SİVRİ Y.

International Congress of the New Approaches and Technologies for Sustainable DevelopmentSeptember 21-24, 2017 Isparta / TURKEY, Isparta, Turkey, 21 - 24 September 2017, vol.2, pp.352-359

- X. **“What Does University Give us? What Does the Sector Want from us?” A Case Study**
DOĞAN A., SÖYLEMEZ İ., ÖZCAN R., ÖZCAN U., DEMİRHAN B., TUNA M., EVCİL E.
International Congress of the New Approaches and Technologies for Sustainable Development September 21-24,
2017 Isparta / TURKEY, Isparta, Turkey, 21 - 24 September 2017, vol.2, pp.38-44
- XI. **Sürdürülebilir Ekonomik Gelişim Göstergeleri İçin Bir Veri Zarflama Analizi Uygulaması**
SÖYLEMEZ İ., DOĞAN A., ÖZCAN R., ÖZCAN U.
International Congress of the New Approaches and Technologies for Sustainable Development, 21-24 September
2017, Isparta, Turkey, Isparta, Turkey, 21 - 24 September 2017, pp.473-474
- XII. **Fuzzy logic control system based air conditioning for patisserie showwindow**
TÜTÜNCÜ K., ÖZCAN R., ÖZCAN Ö.
International Conference on Advanced Technology Sciences (ICAT'15), Antalya, Turkey, 4 - 07 August 2015, pp.69

Metrics

Publication: 17

Citation (Scopus): 3

H-Index (Scopus): 1