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International Researcher IDs

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Education Information

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (Dr), Turkey 2017 - Continues

Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (YI) (Tezli), Turkey 2014 - 2017

Undergraduate, Ankara University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, Turkey 2009 - 2014

Research Areas

Artificial Intelligence, Computer Learning and Pattern Recognition

Academic Titles / Tasks

Research Assistant, Ankara University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2015 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Crohn's Disease Prediction Using Sequence Based Machine Learning Analysis of Human Microbiome**
Unal M., Bostanci E., Ozkul C., Acici K., Asuroglu T., Guzel M. S.
DIAGNOSTICS, vol.13, no.17, 2023 (SCI-Expanded)
- II. **Machine learning based orthodontic treatment planning for mixed dentition borderline cases suffering from moderate to severe crowding: An experimental research study**
Senirkentli B., Bingöl S. İ., Ünal M., Bostancı G. E., Güzel M. S., Açıcı K.
TECHNOLOGY AND HEALTH CARE, vol.2023, no.2023, pp.1-13, 2023 (SCI-Expanded)
- III. **Machine Learning Analysis of RNA-seq Data for Diagnostic and Prognostic Prediction of Colon Cancer**
Bostanci E., Kocak E., Unal M., Guzel M. S., Açıcı K., Asuroglu T.
SENSORS, vol.23, no.6, 2023 (SCI-Expanded)

Articles Published in Other Journals

- I. **Airborne imagery and lidar based 3D reconstruction using commercial drones**
Açıcı K., Erdal Ö. M., Yılmaz A., Ünal M., Bostancı G. E., Güzel M. S.
Communications Faculty of Sciences University of Ankara Series A2-A3: Physical Sciences and Engineering, vol.65,

no.1, pp.16-29, 2023 (Peer-Reviewed Journal)

II. **Distant augmented reality: Bringing a new dimension to user experience using drones**

ÜNAL M., BOSTANCI G. E., SERTALP E.

Digital Applications in Archaeology and Cultural Heritage, vol.17, 2020 (Scopus)

III. **MODERN LEARNING TECHNIQUES AND PLANT IMAGE CLASSIFICATION**

ÜNAL M., BOSTANCI G. E., GÜZEL M. S., AYDIN A.

Communications Faculty of Sciences University of Ankara Series A2-A3: Physical Sciences and Engineering, 2020 (Peer-Reviewed Journal)

IV. **MODERN LEARNING TECHNIQUES AND PLANT IMAGE CLASSIFICATION**

ÜNAL M., BOSTANCI E., GÜZEL M. S., AYDIN A.

Communications Faculty of Sciences University of Ankara Series A2-A3: Physical Sciences and Engineering, vol.62, no.2, pp.153-163, 2020 (Peer-Reviewed Journal)

Books & Book Chapters

I. **Evolutionary Motion Model Transitions for Tracking Unmanned Air Vehicles**

ÜNAL M., BOSTANCI G. E., GÜZEL M. S., ÜNAL F. Z., KANWAL N.

in: New Trends in Computational Vision and Bio-inspired Computing, Smys S., Ilyasu A.M., Bestak R., Shi F. (eds), Editor, Springer, Cham, pp.1193-1200, 2020

Refereed Congress / Symposium Publications in Proceedings

I. **Geo-location Based Augmented Reality Application for Cultural Heritage Using Drones**

ÜNAL M., BOSTANCI G. E., SERTALP E., GÜZEL M. S., Kanwal N.

2nd International Symposium on Multidisciplinary Studies and Innovative Technologies, ISMSIT 2018, Kizilcahamam, Ankara, Turkey, 19 - 21 October 2018

II. **Evolutionary Fuzzy Adaptive Motion Models for User Tracking in Augmented Reality Applications**

AR Y., ÜNAL M., YİĞİT S., BOSTANCI G. E., Kanwal N., GÜZEL M. S.

2nd International Symposium on Multidisciplinary Studies and Innovative Technologies, ISMSIT 2018, Kizilcahamam, Ankara, Turkey, 19 - 21 October 2018

III. **Evolutionary Fuzzy Adaptive Motion Models for User Tracking in Augmented Reality Applications**

AR Y., ÜNAL M., Sert S. Y., BOSTANCI G. E., Kanwal N., GÜZEL M. S.

2nd International Symposium on Multidisciplinary Studies and Innovative Technologies, ISMSIT 2018, Kizilcahamam, Ankara, Turkey, 19 - 21 October 2018

IV. **Evolutionary Fuzzy Adaptive Motion Models for User Tracking in Augmented Reality**

Applications

Ar Y., Ünal M., Yiğit Sert S., Bostanci E., Kanwal N., Güzel M. S.

2nd International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT), Kizilcahamam, Turkey, 19 - 21 October 2018, pp.409-414

V. **Geo-location Based Augmented Reality Application For Cultural Heritage Using Drones**

ÜNAL M., Bostanci E., SERTALP E., GÜZEL M. S., Kanwal N.

2nd International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT), Kizilcahamam, Turkey, 19 - 21 October 2018, pp.399-402

Metrics

Publication: 14

Citation (WoS): 1

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H-Index (Scopus): 3