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Education Information

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (Dr), Turkey 2016 - Continues
Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (Yl) (Tezli), Turkey 2012 - 2016
Undergraduate, Ankara University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, Turkey 2007 - 2012

Academic Titles / Tasks

Research Assistant, Ankara University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2013 - Continues

Courses

Web Programming, Undergraduate, 2014 - 2015
C++, Undergraduate, 2014 - 2015
Elektronik I, Undergraduate, 2014 - 2015

Published journal articles indexed by SCI, SSCI, and AHCI

I. **CompSegNet: An enhanced U-shaped architecture for nuclei segmentation in H&E histopathology images**
Traore M., Hancer E., Samet R., Yıldırım Z., Nemati N.
BIOMEDICAL SIGNAL PROCESSING AND CONTROL, vol.97, 2024 (SCI-Expanded)
II. **DETERMINATION OF DOWNY AND POWDERY MILDEW RESISTANCE OF SOME VITIS SPP.**
YILDIRIM Z., Atak A., AKKURT M.
CIENCIA E TECNICA VITIVINICOLA, vol.34, no.1, pp.15-24, 2019 (SCI-Expanded)

Articles Published in Other Journals

I. **A NEW SIMILARITY COEFFICIENT FOR A COLLABORATIVE FILTERING ALGORITHM**
MERCANOĞLU Ö., YILDIRIM Z.
Communication Series A2-A3: Physical Sciences and Engineering, vol.59, no.2, pp.41-54, 2017 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

Refereed Congress / Symposium Publications in Proceedings

I. **Gland Segmentation in H&E Histopathological Images using U-Net with Attention Module**
YILDIRIM Z., SAMET R., Hancer E., Nemati N., Mali M. T.
12th International Conference on Image Processing Theory, Tools and Applications, IPTA 2023, Paris, France, 16 - 19 October 2023

II. **Effect of Color Normalization on Nuclei Segmentation Problem in H&E Stained Histopathology Images**
YILDIRIM Z., Hancer E., SAMET R., Mali M. T., Nemati N.
30th IEEE Signal Processing and Communications Applications Conference (SIU), Safranbolu, Turkey, 15 - 18 May 2022

III. **AUTOMATIC NUCLEI SEGMENTATION IN H&E PAINTED HISTOPATHOLOGICAL IMAGES WITH DEEP LEARNING**
YILDIRIM Z., SAMET R.
7th International Conference on Control and Optimization with Industrial Applications (COIA), ELECTR NETWORK, 26 - 28 August 2020, pp.368-370

IV. **BLOOD VESSEL SEGMENTATION ALGORITHM**
SAMET R., YILDIRIM Z.
6th International Conference on Control and Optimization with Industrial Applications (COIA), Baku, Azerbaijan, 11 - 13 July 2018, pp.262-264

V. **Video Recommendation System Using Collaborative Filtering**
MERCANOĞLU Ö., YILDIRIM Z.
International Conference on Advances in Science and Arts ICASA'xx2017, 29 - 31 March 2017

VI. **A New Methodology for Blood Vessel Segmentation on Lung CT Images**
SAMET R., YILDIRIM Z.
15th Nicograph International Conference (NicoInt), Hangzhou, China, 6 - 08 July 2016, pp.1-7

Metrics

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