

Res. Asst. Mecit YÜZKAT

Personal Information

Email: myuzkat@yildiz.edu.tr

Other Email: muhmecit65@gmail.com

Web: <https://avesis.yildiz.edu.tr/myuzkat>

Address: Yıldız Teknik Üniversitesi Elektrik Elektronik Fakültesi Bilgisayar Mühendisliği Bölümü D Blok D-124 Davutpaşa Mah
Davutpaşa Caddesi 34220 Esenler- İstanbul TÜRKİYE

International Researcher IDs

ORCID: 0000-0003-4808-5181

Yoksis Researcher ID: 188791

Education Information

Doctorate, Yıldız Technical University, Graduate School Of Natural And Applied Sciences, Bilgisayar Mühendisliği, Turkey
2016 - Continues

Postgraduate, Yıldız Technical University, Graduate School Of Natural And Applied Sciences, Bilgisayar Mühendisliği,
Turkey 2013 - 2016

Foreign Languages

English, B2 Upper Intermediate

Research Areas

Computer Sciences, Computer Vision, Equipment, Artificial Intelligence, Computer Learning and Pattern Recognition,
Biomedical Engineering, Biomedical Image Processing, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Yıldız Technical University, Faculty Of Electrical & Electronics, Computer Engineering, 2013 -
Continues

Research Assistant, Mus Alparslan University, Mühendislik Mimarlık Fakültesi, Bilgisayar Mühendisliği, 2012 - 2013

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Sperm Motility Analysis by using Recursive Kalman Filters with the smartphone based data acquisition and reporting approach**
Ilhan H. O. , Yüzkat M., Aydın N.
EXPERT SYSTEMS WITH APPLICATIONS, vol.186, 2021 (Journal Indexed in SCI)
- II. **Multi-model CNN fusion for sperm morphology analysis**
YÜZKAT M., İLHAN H. O. , AYDIN N.
COMPUTERS IN BIOLOGY AND MEDICINE, vol.137, 2021 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Effects of Color Space Transformations on Classification Performance of Sperm Morphology**
Yüzkat M., İlhan H. O. , Aydın N.
European Journal of Science and Technology, vol.29, pp.70-75, 2021 (Other Refereed National Journals)
- II. **Speech Emotion Classification and Recognition with different methods for Turkish Language**
Bakır Ç., Yüzkat M.
Balkan Journal of Electrical and Computer Engineering, vol.6, no.2, pp.122-128, 2018 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- I. **Process Mining Algorithms Performance According to New Bayes Conformance Function**
Yüzkat M.
In 2022 26th International Conference Electronics , 15 June 2022, pp.1-6
- II. **Morphological Classification of Low Quality Sperm Images Using Deep Learning Networks**
YÜZKAT M., İLHAN H. O. , AYDIN N.
2020 Medical Technologies Congress (TIPTEKNO), Turkey, 19 November 2020
- III. **Implementation of Alpha and Heuristic Process Mining Algorithms**
YÜZKAT M., KARABİBER F., BAKIR Ç.
Uluslararası Bilgisayar Bilimleri ve Mühendisliği Konferansı UBMK 2016, Tekirdağ, Turkey, 01 September 2016, pp.166-170
- IV. **Implementation of Data Generator for Process Mining Applications**
Yüzkat M., Karabiber F., Şen B., Caymaz H.
Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 01 April 2015, pp.1405-1408

Metrics

Publication: 8

Citation (Scopus): 1

H-Index (Scopus): 1