

Lect. Yasemin TOPUZ

Personal Information

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

International Researcher IDs

ORCID: 0000-0001-8008-3448

Yoksis Researcher ID: 262028

Education Information

Doctorate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Bilgisayar Mühendisliği, Turkey
2019 - Continues

Postgraduate, Marmara University, Ataturk Faculty Of Education, Computer And Educational Technology, Turkey 2014 -
2018

Undergraduate, Marmara University, Ataturk Faculty Of Education, Bilgisayar Ve Öğretim Teknolojileri Eğitimi, Turkey
2010 - 2014

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Postgraduate, Anatomi Eğitiminde Sanal Gerçeklik ve Üç Boyutlu Masaüstü Materyallerin Akademik Başarı ve Bilişsel Yük
Açısından Karşılaştırılması, Marmara Üniversitesi, Eğitim Bilimleri Enstitüsü, Bilgisayar Ve Öğretim Teknolojileri Eğitimi,
2018

Research Areas

Computer Sciences, Computer Vision, Artificial Intelligence, Computer Learning and Pattern Recognition, Human
Computer Interaction, Pattern Recognition and Image Processing, Neural Networks, Engineering and Technology

Academic Titles / Tasks

Lecturer, Yildiz Technical University, Rectorate, Rectorate, 2019 - Continues

Lecturer, Istanbul Bilgi University, Vocational School, Bilgisayar Teknolojileri, 2018 - 2019

Lecturer, Beykoz University, Beykoz Meslek Yüksekokulu, Bilgisayar Teknolojileri, 2017 - 2019

Academic and Administrative Experience

Beykoz Üniversitesi, 2017 - 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **ConvNext Mitosis Identification—You Only Look Once (CNMI-YOLO): Domain Adaptive and Robust Mitosis Identification in Digital Pathology**
TOPUZ Y., Yıldız S., VARLI S.
Laboratory Investigation, vol.104, no.10, 2024 (SCI-Expanded)
- II. **Elevating healthcare through artificial intelligence: analyzing the abdominal emergencies data set (TR_ABDOMEN_RAD_EMERGENCY) at TEKNOFEST-2022**
Koç U., SEZER E., Özkaya Y. A., Yarbay Y., Beşler M. S., Taydaş O., YALÇIN A., Evrimler Ş., Kızıloğlu H. A., Kesimal U., et al.
European Radiology, vol.34, no.6, pp.3588-3597, 2024 (SCI-Expanded)

Books & Book Chapters

- I. **Tıp Eğitiminde Sanal Gerçeklik Teknolojisi**
Topuz Y., Özdener N.
in: Değişen Dünyada Eğitim, Dinçer S., Editor, Pegem Akademi, Ankara, pp.225-256, 2018

Refereed Congress / Symposium Publications in Proceedings

- I. **Epidermis Segmentation in Melanoma Whole Slide Images: A Comparative Analysis of Deep Learning Architectures**
Gokcan M. T., TOPUZ Y., VARLI S.
18th International Conference on INnovations in Intelligent SysTems and Applications, INISTA 2024, Craiova, Romania, 4 - 06 September 2024
- II. **Performance analysis of the YOLO series for object detection: Detection of mitosis cells in histopathology images**
Topuz Y., Yıldız S., Varlı S.
2023 Medical Technologies Congress, Gazimagusa, Cyprus (Kktc), 10 - 12 November 2023, pp.1-4
- III. **Virtual reality technology in anatomy education**
Topuz Y., Özdener N.
19th National Anatomy Congress & 1st International Mediterranean Anatomy Congress, Konya, Turkey, 06 September 2018, vol.12, pp.140
- IV. **Virtual Reality Applications in Education: The Case of The Faculty of Medicine**
Topuz Y., Özdener Dönmez N.
27th International Congress on Educational Sciences, Antalya, Turkey, 18 April 2018
- V. **Bilişim teknolojileri öğretmen adaylarının lisans eğitimlerine ilişkin memnuniyet düzeylerinin gelecek beklentilerine etkisi**
Topuz Y., Kulaksız T., Geriş A.
VII. International Congress of Educational Research, Muğla, Turkey, 28 May 2015
- VI. **Eğitim Fakültesi Öğretim Elemanlarının Aday Öğretmenlikten Asil Öğretmenliğe Geçiş Sürecine Yönelik Görüşlerinin İncelenmesi**
Topuz Y.
VII. International Congress of Educational Research, Muğla, Turkey, 28 May 2015

Supported Projects

Topuz Y., R&D Project of Group B, Tumor Stage Prediction and Mitosis Detection with Deep Learning in Melanoma Histopathology Images, 2022 - 2024

Topuz Y., Özdener Dönmez N., Project Supported by Higher Education Institutions, Eğitimde Üç Boyutlu Uygulamalar ile

Metrics

Publication: 9

Non Academic Experience

Other Public Institution, Marmara Üniversitesi

Marmara Üniversitesi

Business Establishment Private, İstanbul Amerikan Robert Kolej