

## Res. Asst. OĞUZHAN AYYILDIZ

### Personal Information

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### International Researcher IDs

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### Education Information

Doctorate, Abdullah Gul University, Elektrik-Bilgisayar Mühendisliği, Turkey 2016 - Continues

### Dissertations

Postgraduate, KÜÇÜK HÜCRELİ DIŞI AKCIĞER KANSERLİ HASTALARIN PET VE BT GÖRÜNTÜLERİNİN ÇAKIŞTIRILMASI VE BİRLEŞTİRİLMESİ, Erciyes Üniversitesi, Mühendislik Fakültesi, Biyomedikal Mühendisliği, 2016

### Research Areas

Biomedical Engineering, Biomedical Image Processing, Biomedical Image Processing, Biosignal Processing, Biosignal Processing, Engineering and Technology

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Metabolic Imaging based Sub-Classification of Lung Cancer**  
Bicakci M., AYYILDIZ O., AYDIN Z., BAŞTÜRK A., Karacavus S., YILMAZ B.  
IEEE Access, vol.8, pp.218470-218476, 2020 (SCI-Expanded)
- II. **Lung cancer subtype differentiation from positron emission tomography images**  
AYYILDIZ O., AYDIN Z., YILMAZ B., KARAÇAVUŞ S., Senkaya K., İÇER S., Tasdemir A., Kaya E.  
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.28, no.1, pp.262-274, 2020 (SCI-Expanded)

### Refereed Congress / Symposium Publications in Proceedings

- I. **Prognostic value of FDG PET metabolic parameters and textural features in pancreatic adenocarcinoma**  
TORUN N., KARAÇAVUŞ S., AYYILDIZ O., KAYASELÇUK F., NURSAL G. N., YILMAZ B., REYHAN M., YAPAR A. F., ZARARSIZ G.  
The 12th Asia Oceania Congress of Nuclear Medicine and Biology, 5 - 08 October 2017
- II. **Fusion and Analysis of PET And CT Images of Patients with Non-Small Cell Lung Cancer**  
AYYILDIZ O., YILMAZ B., Karacavus S., KAYAALTI Ö., Eset K., GAZELOĞLU C., İÇER S., Kaya E.  
Annual Congress of the European-Association-of-Nuclear-Medicine, Barcelona, Spain, 15 - 19 October 2016, vol.43

- III. **Prognostic significance of the texture features determined using three dimensional 18F FDG PET images new potential biomarkers**  
KARAÇAVUŞ S., YILMAZ B., KAYAALTI Ö., Taşdemir A., KAYA E., İÇER S., AYYILDIZ O., Eset K., VARDARELİ E., ASYALI M. H.  
Annual Congress of the Society of Nuclear Medicine and Molecular Imaging, 11 - 15 June 2016
- IV. **Automatic Staging and Subtype Determination for Non Small Cell Lung Carcinoma Using PET Image Texture Analysis**  
KARAÇAVUŞ S., YILMAZ B., KAYAALTI Ö., İÇER S., AYYILDIZ O., KAYA E.  
18th International Conference on Medical Image Processing and Analysis, 11 - 12 February 2016
- V. **PET Görüntülerinde Akciğer Tümörü Segmentasyonu Yöntemlerinin Karşılaştırılması**  
ESET K., İÇER S., KARAÇAVUŞ S., YILMAZ B., KAYAALTI Ö., AYYILDIZ O., KAYA E.  
Tıp Teknolojileri Ulusal Kongresi, TIPTEKNO'15, Turkey, 15 - 18 October 2015
- VI. **Akciğer Tümörlü Hastaların PET ve BT Görüntülerinin Çakıştırılıp Birleştirilmesi**  
AYYILDIZ O., YILMAZ B., KARAÇAVUŞ S., KAYAALTI Ö., İÇER S., ESET K., KAYA E.  
Tıp Teknolojileri Ulusal Kongresi, TIPTEKNO'15, Turkey, 15 October - 18 December 2015

## Supported Projects

AYYILDIZ O., Project Supported by Other Official Institutions, Titreşimli İnkübatörlü Isıl Döngü cihazı, 2015 - 2016

## Metrics

Publication: 8

Citation (WoS): 2

Citation (Scopus): 2

H-Index (WoS): 1

H-Index (Scopus): 1

## Congress and Symposium Activities

Prognostic significance of the texture features determined using three dimensional 18FFDG PET images: new potential biomarkers, Attendee, California, United States Of America, 2016