

## **Lect. MEHMET SAİT DÜNDAR**

### **Personal Information**

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### **International Researcher IDs**

ScholarID: VEUeeDsAAAAJ

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Publons / Web Of Science ResearcherID: H-4318-2016

ScopusID: 57221218827

Yoksis Researcher ID: 331403

### **Biography**

M. Sait DüNDAR has obtained his Bachelor's degree in Electrical and Electronics Engineering from TOBB University of Economics and Technology, a Master's degree in Biomedical Engineering from Erciyes University, and is currently pursuing a Ph.D. in Electrical and Computer Engineering at Abdullah Gül University. He has worked as a research assistant at Ben-Gurion University of the Negev and is currently a teaching staff member at Erciyes University. He is proficient in advanced English and has beginner-level skills in German and Spanish. Additionally, he is skilled in programming languages such as MATLAB and Python.

### **Education Information**

Doctorate, Abdullah Gul University, Fen Bilimleri Enstitüsü, Electrical and Computer Engineering, Turkey 2017 - Continues

Postgraduate, Erciyes University, Fen Bilimleri Enstitüsü, --, Turkey 2014 - 2017

Undergraduate, Tobb University Of Economics And Technology, Faculty Of Engineering, Department Of Electrical And Electronics Engineering, Turkey 2007 - 2014

### **Foreign Languages**

Spanish, A2 Elementary

German, A2 Elementary

English, C1 Advanced

### **Certificates, Courses and Trainings**

Foreign Language, Advanced Levels of the Intensive English Program, ELS Language Center, 2009

### **Dissertations**

Postgraduate, QSM Application and Sampling 3D K-Space with Non-Cartesian Trajectories in MR Imaging, Erciyes University, Fen Bilimleri Enstitüsü, 2017

## Research Areas

Artificial Intelligence, Computer Learning and Pattern Recognition, Pattern Recognition and Image Processing, Biomedical Engineering, Biomedical Image Processing, Biosignal Processing

## Academic Titles / Tasks

Lecturer, Erciyes University, Halil Bayraktar S.H.M.Y.O., Tıbbi Hizmetler ve Teknikler, 2020 - Continues

Researcher, Ben-Gurion University of the Negev, Faculty of Engineering Sciences, Biotechnology Engineering, 2019 - 2020

## Courses

Radiological Devices, Associate Degree, 2023 - 2024, 2022 - 2023, 2021 - 2022

Artificial Intelligence in Health Sciences, Associate Degree, 2023 - 2024

X-Ray Physics II, Associate Degree, 2023 - 2024, 2022 - 2023, 2021 - 2022

Medical Imaging Tec. and Pra. II, Associate Degree, 2023 - 2024, 2022 - 2023, 2021 - 2022

Radiation Physics, Associate Degree, 2023 - 2024

Radiation Health and Protection, Associate Degree, 2023 - 2024, 2022 - 2023, 2021 - 2022

Medical Imaging Tech. and Pra. I, Associate Degree, 2023 - 2024, 2022 - 2023, 2021 - 2022

Professional Technology, Associate Degree, 2022 - 2023

X-Ray Physics I, Associate Degree, 2022 - 2023

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

- I. **The Quality of Life and Depression Status of Healthcare Workers' Children in the COVID-19 Pandemic**  
DÜNDAR M. S., ÖZMEN S., Aslaner H., AKYILDIZ B.  
Hong Kong Journal of Paediatrics, vol.29, no.1, pp.12-19, 2024 (SCI-Expanded)
- II. **Endothelium-derived Microparticles Are Increased in Teenagers With Cobalamin Deficiency**  
DÜNDAR M. S., Torun Y. A., Cetin F., Oz H. T.  
JOURNAL OF PEDIATRIC HEMATOLOGY ONCOLOGY, vol.44, no.6, 2022 (SCI-Expanded)
- III. **Diagnosis of intracranial calcification and hemorrhage in pediatric patients: Comparison of quantitative susceptibility mapping and phase images of susceptibility-weighted imaging**  
Ciraci S., Gumus K. Z., Doğanay S., DüNDAR M. S., Ozcora G. D. K., Gökem S. B., Per H., Coşkun A.  
DIAGNOSTIC AND INTERVENTIONAL IMAGING, vol.98, pp.707-714, 2017 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Artificial cells: A potentially groundbreaking field of research and therapy**  
Dundar M. S., Yildirim A., Yildirim D. T., AKALIN H., DÜNDAR M.  
EUROBIOTECH JOURNAL, vol.8, no.1, pp.55-64, 2024 (ESCI)
- II. **Brain volume differences in Huntington disease using MRI**  
Acer N., Baysal H., DüNDAR M. S., Gültekin M., Dönmez H.

Erciyes Medical Journal, vol.41, no.1, pp.4-5, 2019 (Peer-Reviewed Journal)

**III. What does the water inside the brain tell us? Diffusion tensor imaging**

Acer N., Dündar M. S., Bastepe-Gray S.

EUROBIOTECH JOURNAL, vol.2, pp.177-179, 2018 (ESCI)

**IV. Motion artifact detection in colonoscopy images**

Kacmaz R. N., Yilmaz B., Dündar M. S., Dogan S.

EUROBIOTECH JOURNAL, vol.2, no.3, pp.171-175, 2018 (ESCI)

## **Refereed Congress / Symposium Publications in Proceedings**

**I. Automatic classification of Alzheimer disease based on MRI volumetric features**

Dündar M. S., Yilmaz B.

European Biotechnology Congress, Valencia, Spain, 11 - 13 April 2019, vol.305

**II. Automatic Blurry Colon Image Detection Using Laplacian Operator Based Features**

Kaçmaz R. N., Yilmaz B., Dündar M. S.

European Biotechnology Congress 2018, Athens, Greece, 26 - 28 April 2018, vol.280, pp.24

**III. In memory of Mariapia Viola-Magni, Founder of European Biotechnology Thematic Network Association**

DÜNDAR M., Beccari T., Vicente O., Slavica A., Bayramov R., Dundar M. S., Gartland K. M.

European Biotechnology Congress, Athens, Greece, 26 - 28 April 2018, vol.280

**IV. Shell trajectory sampling of k-space in magnetic resonance imaging**

Gumus K. Z., Dundar M. S., Senol S., Bilgen M.

European Biotechnology Conference, Latvia, 5 - 07 May 2016, vol.231

**V. Computerized intracranial tumor detection using morphological operations on MRI**

Dundar M. S., Gumus K., İÇER S., Ciraci S.

European Biotechnology Conference, Latvia, 5 - 07 May 2016, vol.231

**VI. Pediatrik Olgularda İntrakranial Kalsifikasyon ve Hemoraji Tanısında QSM ve SWI Faz Görüntüleme**

Çıracı S., Gümüş K. Z., Doğanay S., Dündar M. S., Kaya Özçora G. D., Görkem S. B., Per H., Coşkun A.

TMRD 2016, Ankara, Turkey, 26 - 28 May 2016, pp.32

**VII. Identification of Intracranial Calcifications and Hemorrhages Using MRI-Based Quantitative Susceptibility Mapping**

Dündar M. S., Çıracı S., Gumus K.

European Biotechnology Congress 2015, Bucuresti, Romania, 7 - 09 May 2015, vol.208, pp.23-24

**VIII. Quantitative Susceptibility Mapping in Identification of Intracranial Hemorrhage: A Case Report**

Dundar M. S., Koç G., Gümüş K. Z., Caner Y.

International Biomedical Engineering Congress 2015, Lefkoşa, Cyprus (Kkct), 12 - 14 March 2015, pp.66

## **Supported Projects**

Marks R. S., Dündar M. S., Universities of Other Countries Supported Project, Deep Learning Based Classification of Thyroid Nodules using Ultrasound Images, 2019 - 2020

Gumus K., TUBITAK Project, Development of 3D MRI Acquisition Based on Non-Cartesian K-Space Trajectories, 2015 - 2016

## **Activities in Scientific Journals**

The EuroBiotech Journal, Committee Member, 2017 - Continues

## **Memberships / Tasks in Scientific Organizations**

European Biotechnology Thematic Network Association, Consultant, 2015 - Continues, Italy

## **Metrics**

Publication: 16

Citation (WoS): 17

Citation (Scopus): 26

H-Index (WoS): 1

H-Index (Scopus): 1

## **Scholarships**

Academic Internship Program, University, 2020 - 2021

YOK 100/2000, YOK, 2017 - 2020

3001 Program, TUBITAK, 2015 - 2016

## **Awards**

Dündar M. S., Contribution Award, European Biotechnology Thematic Network Association, April 2018

Dündar M. S., First Rank Best Poster Presentation, International Biomedical Engineering Congress 2015, March 2015