

## Lect. PhD MEHMET SAİT DÜNDAR

### Personal Information

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### International Researcher IDs

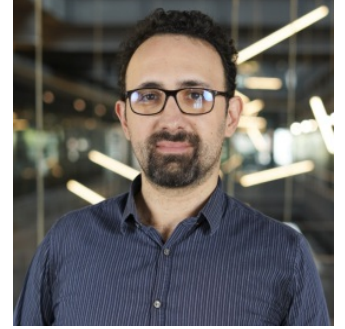
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Publons / Web Of Science ResearcherID: H-4318-2016

ScopusID: 57221218827

Yoksis Researcher ID: 331403



### Education Information

Doctorate, Abdullah Gul University, Graduate School of Natural and Applied Sciences, Electrical and Computer Engineering, Turkey 2017 - 2024

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

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

### Biography

M. Sait Dündar graduated with a Bachelor of Science degree in Electrical and Electronics Engineering from TOBB University of Economics and Technology. He completed his Master of Science in Biomedical Engineering at Erciyes University and his PhD in Electrical and Computer Engineering at Abdullah Gül University. He has worked as a research assistant at Ben-Gurion University of the Negev and currently serves as a lecturer at the Halil Bayraktar Health Services Vocational School at Erciyes University.

### Foreign Languages

German, A2 Elementary

English, C1 Advanced

Spanish, A2 Elementary

### Certificates, Courses and Trainings

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

### Dissertations

Doctorate, Time Distributed Classification of Alzheimer's Disease on MRI Scans, Abdullah Gul University, Graduate School

of Natural and Applied Sciences, Electrical and Computer Engineering, 2024

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

Research Assistant, Abdullah Gul University, Faculty of Engineering, Electrical and Computer Engineering, 2017 - 2020

## Courses

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

Artificial Intelligence in Health Sciences, Associate Degree, 2024 - 2025, 2023 - 2024

Radiation Physics, Associate Degree, 2024 - 2025, 2023 - 2024

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

Radiation Health and Protection, Associate Degree, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022

Medical Imaging Tech. and Pra. I, Associate Degree, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022

Medical Imaging Tec. and Pra. II, 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. **Alzheimer Disease Associated Loci: APOE Single Nucleotide Polymorphisms in Marmara Region**  
Ismail A. B., Dundar M. S., Erguzeloglu C. O., Ergoren M. C., ALEMDAR A., ÖZEMİR SAĞ Ş., TEMEL Ş. G.  
Biomedicines, vol.12, no.5, 2024 (SCI-Expanded)
- II. **BRCA Variations Risk Assessment in Breast Cancers Using Different Artificial Intelligence Models**  
Senturk N., Tuncel G., DOĞAN B., Aliyeva L., Dundar M. S., ÖZEMİR SAĞ Ş., Mocan G., TEMEL Ş. G., DÜNDAR M., Ergoren M. C.  
GENES, no.11, 2021 (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., Görkem 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., Yılmaz 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., Yılmaz B.

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

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

Yılmaz B., Kaçmaz R. N., 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 (Kktc), 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**

EUROBIOTECH JOURNAL, Committee Member, 2017 - Continues

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

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

## **Metrics**

Publication: 15

Citation (WoS): 28

Citation (Scopus): 30

H-Index (WoS): 2

H-Index (Scopus): 2

## **Congress and Symposium Activities**

European Biotechnology Congress, Attendee, Ljubljana, Slovenia, 2023

European Biotechnology Congress, Working Group, Valencia, Spain, 2019

European Biotechnology Congress, Attendee, Athens, Greece, 2018

Signal and Image Processing, Audience, Ankara, Turkey, 2017

European Biotechnology Congress, Attendee, Riga, Latvia, 2016

TMRD, Working Group, Ankara, Turkey, 2016

European Biotechnology Congress, Attendee, Bucuresti, Romania, 2015

International Biomedical Engineering Congress, Attendee, Lefkoşa, Cyprus (Kktc), 2015

## **Scholarships**

Academic Internship Program, University, 2019 - 2020

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