

Asst. Prof. Gülşah Yıldız Altıntaş

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Istanbul Technical University, Elektrik-Elektronik, Elektronik Ve Haberleşme Mühendisliği, Turkey 2018 - 2022

Postgraduate, Ihsan Dogramaci Bilkent University, Faculty Of Engineering, Department Of Electrical And Electronics Engineering, Turkey 2016 - 2018

Undergraduate, Ihsan Dogramaci Bilkent University, Faculty Of Engineering, Department Of Electrical And Electronics Engineering, Turkey 2011 - 2016

Dissertations

Doctorate, A Novel Antenna Configuration for Microwave Hyperthermia, Istanbul Technical University, Lisansüstü Eğitim Enstitüsü, 2022

Postgraduate, Low convective field artifact elimination using dielectric padding and multichannel receive in cr-MREPT conductivity images, Ihsan Dogramaci Bilkent University, Institute Of Engineering And Natural Sciences, 2018

Research Areas

Electromagnetic in Biology and Medicine, Electromagnetic Waves, Antennas and Propagation

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Antenna Excitation Optimization with Deep Learning for Microwave Breast Cancer Hyperthermia**
Yildiz G., Yasar H., Uslu I. E., Demirel Y., Akıncı M. N., Yilmaz T., Akduman İ.
Sensors, vol.22, no.17, 2022 (SCI-Expanded)
- II. **A Novel Approach on Microwave Hyperthermia**
Altıntaş G., Akduman İ., Janjic A., Yilmaz T.
DIAGNOSTICS, vol.11, no.3, 2021 (SCI-Expanded)
- III. **Use of dielectric padding to eliminate low convective field artifact in cr-MREPT conductivity images**
Yildiz G., Ider Y. Z.
MAGNETIC RESONANCE IN MEDICINE, vol.81, no.5, pp.3168-3184, 2019 (SCI-Expanded)

Metrics

Publication: 11

Citation (WoS): 4

Citation (Scopus): 24

H-Index (WoS): 1

H-Index (Scopus): 4

Non Academic Experience

University of Malta