

Res. Asst. İBRAHİM DEMİREL

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Ankara University, Nükleer Bilimler Enstitüsü, Turkey 2019 - Continues

Postgraduate, Ankara University, Nükleer Bilimler Enstitüsü, Turkey 2016 - 2019

Undergraduate, Middle East Technical University, Turkey 2008 - 2016

Foreign Languages

English, C1 Advanced

Dissertations

Postgraduate, Development of novel shielding material based on epoxy matrix loaded by high-Z chemical powders used for mammographic, diagnostic and industrial X and gamma ray energy range, and determination of its photon attenuation properties by ionization chamber method with use of standard beam qualities, Ankara University, Nükleer Bilimler Enstitüsü, 2019

Academic Titles / Tasks

Research Assistant, Ankara University, Nükleer Bilimler Enstitüsü, Nükleer Araştırmalar ve Teknolojileri Anabilim Dalı, 2018 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- Development of a flexible composite based on vulcanized silicon casting with bismuth oxide and characterization of its radiation shielding effectiveness in diagnostic X-ray energy range and medium gamma-ray energies**
DEMİREL İ., YÜCEL H.
Nuclear Engineering and Technology, vol.56, no.7, pp.2570-2575, 2024 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

I. The importance of correction factors for the measurement of some radionuclides in sediment and coastal sand samples by HPGe detector

YÜCEL H., KURT R., DEMİREL İ.

11th International SedNet Conference "Sediments as a dynamic natural resource – from catchment to open sea" 3-5 April 2019 Dubrovnik, Croatia, Dubrovnik, Croatia, 3 - 05 April 2019, pp.101

Metrics

Publication: 2