

Res. Asst. MELİS ÖZŞAHİN TOKER

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: GFV-8284-2022

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Education Information

Doctorate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Fizik, Turkey 2020 - Continues

Postgraduate, Yildiz Technical University, Faculty Of Arts & Science, Department Of Physics, Turkey 2016 - 2019

Undergraduate, Yildiz Technical University, Faculty Of Arts & Science, Department Of Physics, Turkey 2009 - 2015

Dissertations

Postgraduate, Kimyasal püskürtme yöntemiyle homojenliği arttıracak sisleştirci/püskürtme odacık sisteminin tasarlanması ve geliştirilmesi, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, 2019

Research Areas

Statistical Analysis and Applications, Atomic Spectra and Photon Interactions, Molecular Properties and Interactions with Photon, Biophysics and Medical Physics, Materials Science, General Physics, Nuclear physics

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **An alternative approach for determining the effective atomic number of some compounds: Monte Carlo study**
Ozsahin M., KALECİK S., TOKER O., KURUCU Y., İÇELLİ O.
Radiation Physics and Chemistry, vol.215, 2024 (SCI-Expanded)
- II. **Monte Carlo study on size-dependent radiation enhancement effects of spinel ferrite nanoparticles**
Bilmez B., Toker M., TOKER O., İÇELLİ O.
Radiation Physics and Chemistry, vol.199, 2022 (SCI-Expanded)
- III. **Practical simulation method for determination of effective atomic number from Rayleigh to Compton scattering ratio by MCNP**
TOKER O., Bilmez B., AKÇALI Ö., Özşahin Toker M., İÇELLİ O.
Radiation Physics and Chemistry, vol.181, 2021 (SCI-Expanded)
- IV. **Evaluation of three different glassy composites (quinary matrix designed using Cr2O3/Na2O/MnO2) in respect of radiation shielding behaviors**
TOKER O., Bilmez B., Toker M., KAVANOZ H. B., AKÇALI Ö., YILMAZ M., İÇELLİ O.

Metrics

Publication: 4

Citation (Scopus): 19

H-Index (Scopus): 3