

Res. Asst. Serra ERSOY

Personal Information

Fax Phone: [+90 212 383 4662](tel:+902123834662)

Email: serra.ersoy@yildiz.edu.tr

Web: <https://avesis.yildiz.edu.tr/17463>

Address: Yıldız Teknik Üniversitesi, Davutpaşa Kampüsü Kimya-Metalürji Fakültesi, Metalürji ve Malzeme Mühendisliği Bölümü
34210 Esenler / İstanbul

Education Information

Postgraduate, Sabanci University, Faculty Of Engineering And Natural Sciences, Department of Materials Science and Nano Engineering, Turkey 2022 - Continues

Undergraduate, Yıldız Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Metallurgical And Materials Engineering, Turkey 2017 - 2022

Foreign Languages

English, B2 Upper Intermediate

Research Areas

Material science and engineering, Nanomaterials

Academic Titles / Tasks

Research Assistant, Yıldız Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Metallurgical And Materials Engineering, 2023 - Continues

Researcher, Helmholtz Institute Ulm (HIU) Electrochemical Energy Storage, 2024 - 2024

Researcher, Max Planck Institute for Intelligent Systems, Physical Intelligence, 2023 - 2023

Researcher, Rheinisch-Westfaelische Technische Hochschule Aachen, Faculty of Medicine, Institute of Experimental Molecular Imaging (ExMI), 2022 - 2022

Other, Bogazici University, Faculty Of Arts And Sciences, Department Of Physics, 2021 - 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Fabrication of Gold Nanoflower-Coated Photosensitive Meta-Structures Using PµSL 3D Printing for Hyperthermia Applications**
Ersoy S., Yıldız E., Ren Z., Zhang M., Zhang H., Karaz S., Han M., Shiva A., Yunusa M., KAYA C., et al.
ACS Applied Polymer Materials, vol.6, no.17, pp.10807-10823, 2024 (SCI-Expanded)
- II. **Electrospun hexagonal boron nitride/CNT reinforced nanocomposite fiber mats for cosmic radiation shielding**
ERSOY S., Özcan M., KAYA C., KAYA F.

Scholarships

1001 Tübitak Master Student Scholarship, TUBITAK, 2022 - Continues

2247-C Stajyer Arařtırmacı Burs Programı (STAR)- Star Lisans, TUBITAK, 2021 - 2021