

## Dr. Zeyneb Camtakan

### Kişisel Bilgiler

İş Telefonu: [+90 212 285 3892](tel:+902122853892)

Fax Telefonu: [+90 212 285 3884](tel:+902122853884)

E-posta: [camtakan@itu.edu.tr](mailto:camtakan@itu.edu.tr)

Web: <https://avesis.itu.edu.tr/camtakan>

Posta Adresi: İstanbul Teknik Üniversitesi, Enerji Enstitüsü, İTÜ TRIGA MARK II Eğitim ve Araştırma Reaktörü Ayazağa Kampüsü, 34469, Maslak – İSTANBUL

### Uluslararası Araştırmacı ID'leri

ORCID: 0000-0002-6140-6675

Publons / Web Of Science ResearcherID: AAO-9662-2020

ScopusID: 42960998400

### Sertifika, Kurs ve Eğitimler

Mesleki Kurs, International Training Course Advanced, Practitioner-Level Training Course on Preventive and Protective Measures against Insider Threats, Uluslararası Atom Enerjisi Ajansı, 2022

Mesleki Eğitim, IAEA School of Nuclear and Radiological Leadership for Safety, Uluslararası Atom Enerjisi Ajansı, 2021

Mesleki Kurs, International Training Course for Protecting Computer Based Systems in Nuclear Security , Uluslararası Atom Enerjisi Ajansı, 2019

Mesleki Kurs, Chemical, Biological, Radiological and Nuclear (CBRN) Defense Course, Milli Savunma Üniversitesi, 2018

Mesleki Kurs, International Training Course on Nuclear Material Accounting and Control (NMAC) for Practitioners, Uluslararası Atom Enerjisi Ajansı, 2018

Mesleki Kurs, Professional Development Course on Nuclear Security (Part-2), King's College London & Purdue University, 2018

Mesleki Kurs, Professional Development Course on Nuclear Security (Part-1), King's College London & Purdue University, 2018

Mesleki Kurs, National Training Course on State Systems of Accounting for and Control of Nuclear Material, Uluslararası Atom Enerjisi Ajansı, 2017

Mesleki Eğitim, Japan-IAEA Joint Nuclear Energy Management School, Uluslararası Atom Enerjisi Ajansı, 2017

Mesleki Kurs, Chemical Security Fundamental Concepts and Introduction to Hazards and Vulnerabilities, Oak Ridge National Laboratory, 2016

Mesleki Kurs, International Training Course on the Practical Operation of Physical Protection Systems, Uluslararası Atom Enerjisi Ajansı, 2015

Mesleki Kurs, International Training Course on the Physical Protection of Nuclear Material and Nuclear Facilities, Uluslararası Atom Enerjisi Ajansı, 2015

Mesleki Kurs, Inter-Regional Training Course on Nuclear Material Accounting and Control at Facilities, Uluslararası Atom Enerjisi Ajansı, 2014

Mesleki Kurs, International Training Course on the Physical Protection of Nuclear Material and Nuclear Facilities, Uluslararası Atom Enerjisi Ajansı, 2012

### SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

1. Electron beam penetration of poly (methyl methacrylate)/colemanite composite irradiated at low

### **earth orbit space radiation environment**

Bel T., Mehranpour S., Sengul A. V., Camtakan Z., Baydoğan N.

Journal of Applied Polymer Science, cilt.138, sa.45, 2021 (SCI-Expanded)

### **II. Synthesis and characterization of li-rich cathode material for lithium ion batteries**

Cetin B., Camtakan Z., Yuca N.

Materials Letters, cilt.273, 2020 (SCI-Expanded)

### **III. Neutron activation analysis of soil samples from different parts of edirne in Turkey**

Zaim N., Dogan C., Camtakan Z.

Journal of Applied Spectroscopy, cilt.83, sa.2, ss.271-276, 2016 (SCI-Expanded)

### **IV. Investigation for remediation of selenium aqueous environment with using organic pillared bentonite by radiotracer technique**

Tugrul A. B., Hacıyakupoğlu S., Erentürk S., KARATEPE N., BAYTAS F., Baydoğan N., Altınsoy N., BUYUK B., ORUCOGLU E., Demir E., et al.

Acta Physica Polonica A, cilt.127, sa.4, ss.1186-1188, 2015 (SCI-Expanded)

### **V. Determining distribution of heavy metal pollution in terms of ecological risk levels in soil of industrially intensive areas around Istanbul**

Hacıyakupoğlu S., Esen A. N., Erentürk S., OKKA M., GENCELI M., MERCIMEK M., GENCELI E., YUŞAN S., Filiz F. G., Olgen K., et al.

Toxicological and Environmental Chemistry, cilt.97, sa.1, ss.62-75, 2015 (SCI-Expanded)

### **VI. Magnesium oxide nanoparticles: Preparation, characterization, and uranium sorption properties**

Camtakan Z., Erenturk S., Yusan S. (.

Environmental Progress and Sustainable Energy, cilt.31, sa.4, ss.536-543, 2012 (SCI-Expanded)

## **Diğer Dergilerde Yayınlanan Makaleler**

### **I. Investigation of Salt Diffusion in Soil by Using Radiotracing Technique**

BAYTAŞ A. F., TUĞRUL A. B., GÖKBULAK F., BAYDOĞAN N., ALTINSOY N., HACIYAKUPOĞLU S., Karatepe N., ERENTÜRK S., Büyük B., DEMİR E., et al.

Defect and Diffusion Forum, 2013 (Scopus)

## **Kitap & Kitap Bölümleri**

### **I. ExHAM-Radiation Shielding**

Baydoğan N., Bel T., Camtakan Z., Şengül A. V.

ANNUAL HIGHLIGHTS of RESULTS from the INTERNATIONAL SPACE STATION, Bryan Dansberry, Pilar Archila, Editör, NASA Film Library , New York, ss.23-24, 2021

### **II. Different Techniques for Characterizing Single-Walled Carbon Nanotube Purity**

Yuca N., Camtakan Z., Yavuz N.

Carbon Nanotubes, Graphene, and Associated Devices VI Book Series: Proceedings of SPIE, Pribat D, L., Razeghi M., Editör, SPIE Publications , California, ss.881403, 2013

## **Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar**

### **I. Bench-Scale Studies of a Permeable Reactive Barrier System for Radiocesium Removal**

Çevikbilen G., Camtakan Z.

EGU General Assembly 2020, 4 - 08 Mayıs 2020, ss.1045-1230

### **II. Effect of Mn, Ni, Co transition metal ratios in lithium rich metal oxide cathodes on lithium ion battery performance**

Cetin B., Camtakan Z., Yuca N.

2019 Fall Meeting Metal Oxide- and Oxyhydride-based Nanomaterials for Energy and Environment-related Applications, EMRS 2019, Warszawa, Polonya, 16 - 19 Eylül 2019, cilt.33, ss.2490-2494

- III. **Investigation for Remediation of Selenium Aqueous Environment with Using Organic Pillared Bentonite by Radiotracer Technique**  
Tuğrul B., Hacıyakupoğlu S., Erentürk S., Yavuz N., Baytaş A. F., Baydoğan N., Altınsoy N., Büyük B., Oruçoğlu E., Demir E., et al.  
APMAS 2014, 4th International Advances in Applied Physics & Materials Science Congress & Exhibition, Muğla, Türkiye, 24 - 27 Nisan 2014, ss.1-5
- IV. **Determining distribution of heavy metal pollution in terms of ecological risk levels in the industrially intensive areas around Istanbul**  
HACIYAKUPOĞLU S., ESEN A. N., ERENTÜRK S., Camtakan Z., Kızıltaş S., Okka M., Genceli M., Mercimek M., GENÇELİ N. E., YUŞAN S., et al.  
Fourth International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 2013)&SECOTOX Conference, Yunanistan, 24 - 28 Haziran 2013
- V. **Determining spatial distribution of heavy metal pollution in terms of ecological risk levels in the industrially intensive areas around Istanbul**  
HACIYAKUPOĞLU S., ESEN A. N., ERENTÜRK S., YUŞAN S., CAMTAKAN Z., TANBAY T.  
Fourth International Conference on Environmental Management, Engineering, Planning and Economics, 24 Haziran 2013, ss.137
- VI. **Different Techniques for Characterizing Single-Walled Carbon Nanotube Purity**  
Yuca N., Camtakan Z., Yavuz N.  
Conference on Carbon Nanotubes, Graphene, and Associated Devices VI, California, Amerika Birleşik Devletleri, 28 - 29 Ağustos 2013, cilt.8814
- VII. **Investigation of salt diffusion in soil by using radiotracing technique**  
Baytaş A. F., TUĞRUL A. B., GOKBULAK F., Baydoğan N., Altınsoy N., Hacıyakupoğlu S., KARATEPE N., Erentürk S., BUYUK B., Demir E., et al.  
8th International Conference on Diffusion in Solids and Liquids Mass Transfer - Heat Transfer - Microstructure and Properties - Nanodiffusion and Nanostructured Materials, DSL 2012, İstanbul, Türkiye, 25 - 29 Haziran 2012, cilt.334-335, ss.274-278
- VIII. **Determining Spatial Distribution of Industrial Pollution in Terms of Ecological Risk Levels**  
Erentürk S., Hacıyakupoğlu S., CAMTAKAN Z., KIZILTAS S., OKKA M., GENÇELİ M., MERCİMEK M., GENÇELİ E., YUŞAN S., FILİZ F. G., et al.  
International Ecological Conference Ecology-Interdisciplinary Science and Practice, Sofia, Bulgaristan, 25 - 26 Ekim 2012, ss.435-438
- IX. **Thermal Power Calibrations of ITU TRIGA Mark II Reactor**  
Mercimek M., Camtakan Z.  
International Ege Energy Symposium and Exhibition, İzmir, Türkiye, 28 - 30 Haziran 2012, ss.751-759

## Desteklenen Projeler

Camtakan Z., Çevikbilen G., Yükseköğretim Kurumları Destekli Proje, Geçirimli reaktif bariyer uygulamaları için yeni bir deney düzeneği ve tasarım yöntemi geliştirilmesi, 2022 - 2024

Camtakan Z., Okka M., Yükseköğretim Kurumları Destekli Proje, Cherenkov Detectors and Its Applications in ITU TRIGA Mark II Reactor, 2010 - 2012

## Metrikler

Yayın: 19

Atif (WoS): 107

Atif (Scopus): 129

H-İndeks (WoS): 4

H-İndeks (Scopus): 4