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International Researcher IDs

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

ScopusID: 42960998400

Certificates, Courses and Trainings

Vocational Course, International Training Course Advanced, Practitioner-Level Training Course on Preventive and Protective Measures against Insider Threats, International Atomic Energy Agency, 2022

Vocational Training, IAEA School of Nuclear and Radiological Leadership for Safety, International Atomic Energy Agency, 2021

Vocational Course, International Training Course for Protecting Computer Based Systems in Nuclear Security , International Atomic Energy Agency, 2019

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

Vocational Course, International Training Course on Nuclear Material Accounting and Control (NMAC) for Practitioners, International Atomic Energy Agency, 2018

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

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

Vocational Course, National Training Course on State Systems of Accounting for and Control of Nuclear Material, International Atomic Energy Agency, 2017

Vocational Training, Japan-IAEA Joint Nuclear Energy Management School, International Atomic Energy Agency, 2017

Vocational Course, Chemical Security Fundamental Concepts and Introduction to Hazards and Vulnerabilities, Oak Ridge National Laboratory, 2016

Vocational Course, International Training Course on the Practical Operation of Physical Protection Systems, International Atomic Energy Agency, 2015

Vocational Course, International Training Course on the Physical Protection of Nuclear Material and Nuclear Facilities, International Atomic Energy Agency, 2015

Vocational Course, Inter-Regional Training Course on Nuclear Material Accounting and Control at Facilities, International Atomic Energy Agency, 2014

Vocational Course, International Training Course on the Physical Protection of Nuclear Material and Nuclear Facilities, International Atomic Energy Agency, 2012

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **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, vol.138, no.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, vol.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, vol.83, no.2, pp.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, vol.127, no.4, pp.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., GENÇELİ M., MERCİMEK M., GENÇELİ E., YUŞAN S., Filiz F. G., Olgen K., et al.
Toxicological and Environmental Chemistry, vol.97, no.1, pp.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, vol.31, no.4, pp.536-543, 2012 (SCI-Expanded)

Articles Published in Other Journals

- 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)

Books & Book Chapters

- I. **ExHAM-Radiation Shielding**
Baydoğan N., Bel T., Camtakan Z., Şengül A. V.
in: ANNUAL HIGHLIGHTS of RESULTS from the INTERNATIONAL SPACE STATION, Bryan Dansberry, Pilar Archila, Editor, NASA Film Library , New York, pp.23-24, 2021
- II. **Different Techniques for Characterizing Single-Walled Carbon Nanotube Purity**
Yuca N., Camtakan Z., Yavuz N.
in: Carbon Nanotubes, Graphene, and Associated Devices VI Book Series: Proceedings of SPIE, Pribat D, L., Razeghi M., Editor, SPIE Publications , California, pp.881403, 2013

Refereed Congress / Symposium Publications in Proceedings

- I. **Bench-Scale Studies of a Permeable Reactive Barrier System for Radiocesium Removal**
Çevikbilen G., Camtakan Z.

EGU General Assembly 2020, 4 - 08 May 2020, pp.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, Poland, 16 - 19 September 2019, vol.33, pp.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, Turkey, 24 - 27 April 2014, pp.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, Greece, 24 - 28 June 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 June 2013, pp.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, United States Of America, 28 - 29 August 2013, vol.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, Turkey, 25 - 29 June 2012, vol.334-335, pp.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, Bulgaria, 25 - 26 October 2012, pp.435-438
- IX. **Thermal Power Calibrations of ITU TRIGA Mark II Reactor**
Mercimek M., Camtakan Z.
International Ege Energy Symposium and Exhibition, İzmir, Turkey, 28 - 30 June 2012, pp.751-759

Supported Projects

Camtakan Z., Çevikbilen G., Project Supported by Higher Education Institutions, Geçirimli reaktif bariyer uygulamaları için yeni bir deney düzeneği ve tasarım yöntemi geliştirilmesi, 2022 - 2024

Camtakan Z., Okka M., Project Supported by Higher Education Institutions, Cherenkov Detectors and Its Applications in ITU TRIGA Mark II Reactor, 2010 - 2012

Metrics

Publication: 19

Citation (WoS): 107

Citation (Scopus): 124

H-Index (WoS): 4

H-Index (Scopus): 4