PELIN OTANSEV
ASSOC. PROF.



Email : pelins@istanbul.edu.tr
Office Phone : +90 212 455 5700 Extension: 15277
Fax Phone : +90 212 455 5766
Address : İstanbul Üniversitesi Fen Fakültesi PK 34134
Vezneciler, Fatih/İstanbul
International Researcher IDs
ORCID: 0000-0003-0766-649X
Publons / Web Of Science ResearcherID: AAD-4596-2020
ScopusID: 54917117000
Yoksis Researcher ID: 58861

Learning Knowledge

Doctorate 1994 - 2002	Istanbul University, Institute of Graduate Studies In Sciences, Fen Fakültesi Bölümü, Turkey
Postgraduate 1991 - 1994	Istanbul University, Institute of Graduate Studies In Sciences, Fen Fakültesi Bölümü, Turkey
Undergraduate 1986 - 1991	Istanbul University, Faculty Of Science, Department Of Physics, Turkey

Foreign Languages

English, B1 Intermediate

Academic Titles / Tasks

Associate Professor 2022 - Continues	Istanbul University, Faculty of Science, Department of Physics
Assistant Professor 2018 - 2022	Istanbul University, Faculty of Science, Department of Physics
Assistant Professor 2008 - 2018	Istanbul University, Faculty of Science, Department of Physics

Research Assistant
1992 - 2008 Istanbul University, Faculty of Science, Department of Physics

Supported Projects

1. OTANSEV P., BİNGÖLDAĞ N., Project Supported by Higher Education Institutions, Gross alpha and beta activities in drinking waters of Kırıkkale., 2017 - 2018
2. OTANSEV P., Project Supported by Higher Education Institutions, Marmara denizinden alınan deniz suyu ve sedimentlerde radyoaktivitenin ve ağır metallerin belirlenmesi, 2013 - 2017
3. OTANSEV P., Project Supported by Higher Education Institutions, The metal contamination in sediment samples of the Marmara Sea., 2015 - 2015
4. OTANSEV P., Project Supported by Higher Education Institutions, ASSESSMENT OF NATURAL RADIOACTIVITY CONCENTRATIONS AND GAMMA DOSE RATE LEVELS IN KAYSERI, TURKEY, 2012 - 2014

Awards

1. OTANSEV P., Teşekkür Plaketi, İ.Ü Bilimsel Araştırma Projeleri Koordinasyon Birimi, April 2012
2. KALKAN N., KALAYCI R., GAZİOĞLU C., OTANSEV P., AYDINLI S. G., Başarılı araştırıcı Belgesi, Bilimsel Araştırma Projeleri Birimi, April 2001
3. ÖZDEN Ö., YANARDAĞ R., OTANSEV P., ÇAY İ., GAZİOĞLU C., KALAYCI R., TAN N., ÇAY M. T., GÖKMEN Z., Başarılı Araştırıcı Belgesi, İstanbul Üniversitesi, December 1999
4. OTANSEV P., Teşekkür Belgesi, İstanbul Üniversitesi, June 1999
5. OTANSEV P., Teşekkür Belgesi, İstanbul Üniversitesi, May 1998
6. OĞUZ F., OTANSEV P., Teşekkür Belgesi, İstanbul Üniversitesi. Araştırma Fonu, July 1997

Jury Memberships

Doctorate, Doctorate, İstanbul Teknik Üniversitesi, December, 2017
Post Graduate, Post Graduate, İstanbul Teknik Üniversitesi, June, 2017

Published journal articles indexed by SCI, SSCI, and AHCI

1. **INDOOR RADON CONCENTRATION AND EXCESS LIFETIME CANCER RISK**
   Otansev P., Bingoldag N.
   RADIATION PROTECTION DOSIMETRY, vol.198, no.1-2, pp.53-61, 2022 (SCI-Expanded)
2. **Determination of uranium and thorium concentrations in sediment samples by using solid state nuclear track detectors**
   Otansev P., Erduran N.
   APPLIED RADIATION AND ISOTOPES, vol.172, 2021 (SCI-Expanded)
3. **Spatial distribution of natural and artificial radioactivity concentrations in soil samples and statistical approach, Nevsehir, Turkey**
   Bingoldag N., Otansev P.
   RADIOCHIMICA ACTA, vol.108, no.11, pp.913-921, 2020 (SCI-Expanded)
4. **Determination of natural radiation levels and lifetime cancer risk in Kirikkale, Turkey**
   Bingoldag N., Otansev P.
   RADIOCHIMICA ACTA, vol.106, no.5, pp.401-411, 2018 (SCI-Expanded)

5. **Distribution and environmental impacts of heavy metals and radioactivity in sediment and seawater samples of the Marmara Sea**
   Otansev P., Taskin H., Bassari A., Varinlioglu A.
   CHEMOSPHERE, vol.154, pp.266-275, 2016 (SCI-Expanded)
6. **ASSESSMENT OF NATURAL RADIOACTIVITY CONCENTRATIONS AND GAMMA DOSE RATE LEVELS IN KAYSERI, TURKEY**
   Otansev P., Karahan G., Kam E., Barut I., Taşkın H.
   RADIATION PROTECTION DOSIMETRY, vol.148, no.2, pp.227-236, 2012 (SCI-Expanded)
7. **Determination of concentrations of fissionable elements in the Black Sea sediment samples before and after Chernobyl using neutron radiography method**
   Guzel T., Tretyakova S., Akyuz T., Oganessian Y., Bolcal C., Saritepe P., Cagatay N., Kiratli N.
   RADIATION MEASUREMENTS, vol.28, no.1-6, pp.405-408, 1997 (SCI-Expanded)

Articles Published in Other Journals

1. **Ev İçi Radon Aktivite Konsantrasyonu ve Kanser Riski**
   Otansev P.
   Bitlis Eren Üniversitesi Fen Bilimleri Dergisi, vol.10, no.3, pp.683-691, 2021 (Peer-Reviewed Journal)
2. **Gama Spektrumunun Analizi İçin Bir Bilgisayar Programı**
   Otansev P., Bolcal Ç.
   Bitlis Eren Üniversitesi Fen Bilimleri Dergisi, vol.10, no.2, pp.332-343, 2021 (Peer-Reviewed Journal)
3. **Natural and neutron-induced gamma-ray spectroscopic investigations of the radioactive mineral from the deposits of Malatya (Türkiye)**
   AKYÜZ T., KÜÇER R., OTANSEV P., BOLCAL Ç.
   İstanbul Üniversitesi Fen Fakültesi Astronomi ve Fizik Dergisi, vol.58, pp.1-8, 1993 (Peer-Reviewed Journal)

Books & Book Chapters

1. **ANNUAL EFFECTIVE DOSE AND DETERMINATION OF GROSS ALPHA AND BETA ACTIVITIES IN WATER SAMPLES.**
   Otansev P., Kam E., Karahan G., Barut İ.
   in: THE SCIENCE AND EDUCATION AT THE BEGINNING OF THE 21ST CENTURY IN TURKEY., Strelova O,Hristov İ,Mortan K,Peeva P,Sam R,Sam N,Galay E,Atasoy E., Editor, St. Kliment Ohrıdskı Unıiversity Press, Oblast Sofia-Grad, pp.570-579, 2013

Refereed Congress / Symposium Publications in Proceedings

1. **Heavy metal analysis in the soil samples**
   Otansev P.
   TÜRK FİZİK DERNEĞİ 38. ULUSLARARASI FİZİK KONGRESİ, Muğla, Turkey, 31 August - 04 September 2022, pp.353
2. **Determination of radon activity concentrations in homes and cancer risks**
   Otansev P.
   Turkish Physical Society 36 th International Physics Congress, İstanbul, Turkey, 1 - 05 September 2020, pp.171
3. **SPATIALDISTRIBUTION OF NATURAL AND ARTIFICIAL RADIOACTIVITYCONCENTRATIONS IN SOIL SAMPLES OF NEVŞEHIR WITH STATISTICAL APPROACH**
   Otansev P., Bingöldağ N.
   Türk Fizik Derneği 34. Uluslararası Fizik Kongresi, Muğla, Turkey, 5 - 09 September 2018, pp.405
4. **DETERMINATIONOF GROSS ALPHA AND GROSS BETA ACTIVITY IN WATERSAMPLES OBTAINED FROM**

NEVŞEHIR
Otansev P., Bingöldağ N.
Türk Fizik Derneği 34. Uluslararası Fizik Kongresi, Muğla, Turkey, 5 - 09 September 2018, pp.391

5. **Nanokompozitlerin Kullanım Alanları**
OTANSEV P.
POLYMER&NANOCOMPOSITES SYMPOSIUM, İstanbul, Turkey, 21 - 22 February 2018
6. **Gross alpha and beta activities in drinking waters of Kırıkkale.**
Otansev P., Bingöldağ N.
Türk Fizik Derneği 33. Uluslararası Fizik Kongresi, Muğla, Turkey, 6 - 10 September 2017, pp.451
7. **The metal contamination in sediment samples of the Marmara sea**
OTANSEV P.
Balkan Fizik Birliği 9. Uluslararası Fizik Konferansı, İstanbul, Turkey, 24 - 27 August 2015, pp.306
8. **Gross alpha and gross beta activity concentrations in waters around Kayseri/Turkey.**
Otansev P., Kam E., Karahan G., Barut İ.
Türk Fizik Derneği 29. Uluslararası Fizik Kongresi, Muğla, Turkey, 1 - 04 September 2012, pp.726
9. **Radon Radioactivity measurements in Kayseri region of Turkey.**
Otansev P., Kam E., Ataksor B.
Türk Fizik Derneği 27. Uluslararası Fizik Kongresi, Muğla, Turkey, 1 - 04 September 2010, pp.768
10. **Neutron Induced Gamma-Ray Spectroscopic And x-Ray Fluorescence Investigations of Britholite Veins Of Başören Village (Turkey).**
Akyüz T., Bolcal Ç., Küçer R., Sarıtepe P., Akyüz S.
13 th Radiochemical Conference, Czech Republic, 1 - 04 April 1998, pp.166

Courses

Nükleer Reaktör Fiziği, Undergraduate, 2021 - 2022
Bilgisayar I, Undergraduate, 2021 - 2022
Radon ve ölçüm teknikleri, Postgraduate, 2021 - 2022
Nükleer Reaktör Fiziği, Undergraduate, 2021 - 2022
İleri Fizik Uygulamaları I, Undergraduate, 2021 - 2022
Temel Bilgi Teknolojileri, Undergraduate, 2020 - 2021
İleri Fizik Uygulamaları II, Undergraduate, 2020 - 2021
Fizikte İstatistik Yöntemler, Undergraduate, 2021 - 2022
Radyasyon Fiziğinde istatistik metodlar, Postgraduate, 2021 - 2022
Seminer, Doctorate, 2020 - 2021
Genel Fizik, Undergraduate, 2017 - 2018
Analiz I, Undergraduate, 2017 - 2018
Fizik I, Undergraduate, 2014 - 2015

Advising Theses

OTANSEV P., NEVŞEHİR İLİNİN TOPRAK, SU ve TARIM ÜRÜNLERİNDE DOĞAL RADYOAKTİVİTENİN ve AĞIR METALLERİN BELİRLENMESİ, Doctorate, N.Bingöldağ(Student), 2017
OTANSEV P., Kırıkkale'de Doğal Radyasyon Kaynaklarının Belirlenmesi ve Gamma Doz Oranlarının Değerlendirilmesi., Postgraduate, N.Albayrak(Student), 2011

Scientific Refereeing

JOURNAL OF ANALYTICAL METHODS IN CHEMISTRY, SCI Journal, October 2023
Project Supported by Other Official Institutions, Ege University, Turkey, February 2021
ÇANAKKALE ONSEKİZ MART ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, National Scientific Refreed Journal, October 2020
WATER AIR AND SOIL POLLUTION, SCI Journal, December 2019
Journal of Environmental Science and Health, Part A, SCI Journal, April 2019
Journal of Radiation Research and Applied Sciences, Other Indexed Journal, September 2018
Environmental Engineering and Management Journal, SCI Journal, February 2017
Radiochimica Acta, SCI Journal, January 2017
Desalination, SCI Journal, July 2016
SDÜ Fen Bilimleri Enstitüsü Dergisi', National Scientific Refreed Journal, April 2015

Tasks In Event Organizations

Otansev P., International Online Conferences On Engineering and Natural Sciences , Scientific Congress, Gümüşhane, Turkey, Temmuz 2021

Metrics

Publication: 21
Citation (WoS): 55
Citation (Scopus): 57
H-Index (WoS): 3
H-Index (Scopus): 2

Congress and Symposium Activities

Türk Fizik Derneği 34. Uluslararası Fizik Kongresi, Attendee, Muğla, Turkey, 2018
Polymer & Nanocomposites Symposium, Attendee, İstanbul, Turkey, 2018
Türk Fizik Derneği 33. Uluslararası Fizik Kongresi, Attendee, Muğla, Turkey, 2017
Balkan Fizik Birliği 9. Uluslararası Fizik Konferansı, Attendee, İstanbul, Turkey, 2015
Turkish Physical Society 29 th International Physics Congress, Attendee, Bodrum, Turkey, 2012
Turkish Physical Society 27 th International Physics Congress, Attendee, Bodrum, Turkey, 2010
6 th International Conference of the Balkan Physical Union., Attendee, İstanbul, Turkey, 2006
1993_1982 Dönemi İ.Ü Fizik Bölümü Tarihi Sempozyumu, Attendee, İstanbul, Turkey, 2006
Türk Fizik Derneği 22. Fizik Kongresi, Attendee, Bodrum, Turkey, 2004
The Second International Balkan Workshop On Nuclear Physics, Attendee, Edirne, Turkey, 2001
2 nd International School on Nuclear Physics, Attendee, Bodrum, Turkey, 2000
Frontier Topics in Nuclear Physics, Attendee, Predeal, Romania, 1993
VI. Ulusal Nükleer Bilimler ve Teknoloji Kongresi, Attendee, Bursa, Turkey, 1993

Research Areas

Statistical Analysis and Applications, Physics, Nuclear physics, Nuclear Structure, Radioactive decay and in-beam spectroscopy, Natural Sciences

Non Academic Experience

Joint Institute for Nuclear Research, Flerov Laboratory of Nuclear Reactions, Dubna, Russia.