

Lect. PhD MEHMET TARAKÇI

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: O-2857-2014

ScopusID: 56884479900

Yoksis Researcher ID: 46452

Education Information

Doctorate, Ege University, Nükleer Bilimler, Nükleer Bilimler Ana Bilim Dalı, Turkey 2008 - 2014

Postgraduate, Ege University, Faculty Of Science, Fizik Bölümü, Turkey 1993 - 1999

Undergraduate, Ege University, Faculty Of Science, Fizik Bölümü, Turkey 1989 - 1993

Foreign Languages

English, B1 Intermediate

Dissertations

Doctorate, Tektonik aktivite ile radon değişimleri arasındaki ilişkilerin doğrusal olmayan analiz ile değerlendirilmesi, Ege University, Nükleer Bilimler Enstitüsü, Nükleer Bilimler Anabilim Dalı, 2013

Postgraduate, Deforme tek çekirdeklerde nötron-proton artık etkileşmesinin çekirdeğin eylemsizlik momentine katkısı, Ege University, Fen Fakültesi, Fizik Bölümü, 1999

Research Areas

Nuclear Structure

Academic Titles / Tasks

Lecturer PhD, Dokuz Eylül University, Mühendislik Fakültesi, Jeofizik Mühendisliği Bölümü, 2004 - Continues

Courses

Physics II, Undergraduate, 2022 - 2023, 2021 - 2022, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007

Data Analysis in Physics, Undergraduate, 2022 - 2023, 2020 - 2021

Nuclear physics, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021

Physics I, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007

Scientific Writing with LaTeX, Undergraduate, 2021 - 2022

Introduction to Radiation Physics, Undergraduate, 2022 - 2023, 2021 - 2022

Fizik Laboratuvarı IV, Undergraduate, 2019 - 2020

Fizik Laboratuvarı III, Undergraduate, 2019 - 2020

1.SINIF MODÜLLERİ, Undergraduate, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Measurement of the Concentration of Ra-226, Th-232, K-40 in The Soil In Settlements on the Coastline of Lake Van, Turkey**
Yıldız Yorgun N., Oto B., Gur F., Tarakci M., Yildiz H. E., KAVAZ E.
RADIATION PROTECTION DOSIMETRY, no.20, pp.1575-1584, 2022 (SCI-Expanded)
- II. **Morgan-Voyce polynomial approach for ordinary linear delay integro-differential equations with variable delays and variable bounds**
Özel M., Tarakçı M., Sezer M.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.50, no.5, pp.1434-1447, 2021 (SCI-Expanded)
- III. **Solution of nonlinear ordinary differential equations with quadratic and cubic terms by Morgan-Voyce matrix-collocation method**
Tarakçı M., Özel M., Sezer M.
TURKISH JOURNAL OF MATHEMATICS, vol.44, no.3, pp.906-918, 2020 (SCI-Expanded)
- IV. **A numerical approach for a nonhomogeneous differential equation with variable delays**
Özel M., Tarakçı M., Sezer M.
MATHEMATICAL SCIENCES, vol.12, no.2, pp.145-155, 2018 (SCI-Expanded)
- V. **Investigation of the relationships between seismic activities and radon level in Western Turkey**
Tarakci M., HARMANŞAH C., Sac M. M., İÇHEDEF M.
APPLIED RADIATION AND ISOTOPES, vol.83, pp.12-17, 2014 (SCI-Expanded)

Articles Published in Other Journals

- I. **Kıyı Kumlarının Doğal Radyoaktivitesi ve Doz Dağılımı: Urla Örneği**
GÜR FİLİZ F., TARAKÇI M.
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, 2019 (Peer-Reviewed Journal)
- II. **KIYI EROZYONUNUN BELİRLENMESİNDE 137Cs RADYONÜKLİDİNİN KULLANIMI: URLA YARIMADASI KIYILARI ÖRNEĞİ**
Ölgen M. K., Gür Filiz F., Yavaşlı D. D., Tarakçı M.
Trakya Üniversitesi Sosyal Bilimler Dergisi, 2018 (Peer-Reviewed Journal)
- III. **Natural Radioactivity of the Coastline of Çeşme-İZMİR**
GÜR FİLİZ F., TARAKÇI M.
Manisa Celal Bayar Üniversitesi Sosyal Bilimler Dergisi, 2018 (Peer-Reviewed Journal)
- IV. **An Integrated Problem Based Learning Material Satellite Module**
Sezgin Selçuk G., Boyacıoğlu Emiroğlu H., Tarakçı M., Özel M.
Asia-Pacific Forum on Science Learning and Teaching, vol.1, no.12, pp.1, 2011 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

- I. **Radioactivity concentrations and gamma dose rates in soil samples of metropolitan areas Van, Turkey**
YILDIZ N., GÜR FİLİZ F., TARAKÇI M., OTO B., ÖZDEMİR Ö. F.
International and Interdisciplinary Environment and Literature Symposium, Turkey, 1 - 03 November 2017
- II. **Natural Radioactivity of the Coastline of Çeşme-Izmir**
GÜR FİLİZ F., TARAKÇI M.
International and Interdisciplinary Environment and Literature Symposium, Turkey, 1 - 03 November 2017
- III. **Ecological Risk Levels Of Heavy Metal Contamination in Geothermal Flui Samples From Çeşme-Turkey**
GÜR FİLİZ F., TARAKÇI M., UĞUR GÖRGÜN A., ERENTÜRK S.
IWA-PPFW 2017, 2nd IWA Regional Symposium on Water, Wastewater and Environment, İzmir, Turkey, 22 - 24 March 2017
- IV. **RADIONUCLIDE CONTENT OF ÇEŞME GEOTHERMAL REGION, IZMIR CITY, TURKEY**
GÜR FİLİZ F., TARAKÇI M., UĞUR GÖRGÜN A., ERENTÜRK S.
IWA-PPFW 2017, 2nd Regional Symposium on water, wastewater and environment, İzmir, Turkey, 22 - 24 March 2017
- V. **İzmir İli Urla İlçesinin Sahil Şeridinin Gama Doz Hızlarının Belirlenmesi**
GÜR FİLİZ F., TARAKÇI M.
XI. Ulusal nükleer bilimler ve teknolojileri kongresi, Turkey, 12 - 14 October 2016
- VI. **Estimation of The Seismic Activities From The Change of Radon Concentration by Artificial Neural Network**
TARAKÇI M., SAÇ M. M.
3rd International Conference on Po and Radioactive Pb Isotopes, 11 - 14 October 2015
- VII. **The Variation of Radon in Soil According to Time and Location**
TARAKÇI M., SAÇ M. M.
3rd International Conference on Po and Radioactive Pb Isotopes, 11 - 14 October 2015
- VIII. **Physics teaching in problem-based learning**
SEZGİN SELÇUK G., TARAKÇI M.
6th International Conference of the Balkan-Physical-Union, İstanbul, Turkey, 22 - 26 August 2006, vol.899, pp.844
- IX. **Mühendislik Eğitiminde Probleme Dayalı Öğrenim Senaryolarında Bilginin Tümüleştirilmesi**
ÖZEL M., TARAKÇI M., PAMUKÇU O., SEZGİN SELÇUK G., BOYACIOĞLU EMİROĞLU H., GÜZELİŞ C.
II. Ulusal Mühendislik Kongresi, Zonguldak, Turkey, 11 - 13 May 2006, pp.153-160

Supported Projects

TARAKÇI M., Project Supported by Higher Education Institutions, Van Gölü Kıyısında Bulunan Yerleşim Alanlarının Radyoaktivite Düzeyinin Belirlenmesi ve Gama Doz Hızlarının Hesaplanması, 2012 - 2015

TARAKÇI M., Project Supported by Higher Education Institutions, Yerkabuğu Hareketleri İle Radon Değişimleri Arasında İlişkilerin İstatiksel Olarak Değerlendirilmesi, 2009 - 2012

Metrics

Publication: 18

Citation (WoS): 44

Citation (Scopus): 38

H-Index (WoS): 3

H-Index (Scopus): 2