

Prof. Berna Oto

Personal Information

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Education Information

Doctorate, Van Yüzüncü Yil University, Fen Bilimleri, Kimya/Fizikokimya, Turkey 2007 - 2012

Postgraduate, Van Yüzüncü Yil University, Fen Bilimleri Enstitüsü, Fizik, Turkey 2003 - 2006

Undergraduate, Van Yüzüncü Yil University, Fen Fakültesi, Fizik, Turkey 1999 - 2003

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, BARİT, MANYETİT, BAZI BOR MİNERALLERİ VE ATIKLARINI İÇEREN BETON NUMUNELERİNİN GAMA RADYASYON SOĞURGANLIKLARI VE NÖTRON TUTMA KAPASİTELERİNİN ARAŞTIRILMASI , Van Yüzüncü Yil University, Fen Fakültesi, Kimya Bölümü, 2012

Postgraduate, BİR DIS OSİLATÖR POTANSİYELİNİN ETKİSİNDEKİ İKİ CİSİM PROBLEMİ İÇİN BAZI KUANTUM MEKANİK ÇÖZÜMLER , Van Yüzüncü Yil University, Fen Fakültesi, Fizik Bölümü, 2006

Research Areas

Physics, Nuclear physics, Experimental Methods of Particle and Nuclear Physics, Natural Sciences

Academic Titles / Tasks

Associate Professor, Van Yüzüncü Yil University, Denizcilik Fakültesi, Gemi Makinaları İşletme Mühendisliği Bölümü, 2017 - Continues

Assistant Professor, Van Yüzüncü Yil University, Denizcilik Fakültesi, Gemi Makinaları İşletme Mühendisliği Bölümü, 2013 - 2017

Research Assistant, Van Yüzüncü Yil University, Fen Fakültesi, Fizik Bölümü, 2005 - 2013

Academic and Administrative Experience

Van Yüzüncü Yil University, Denizcilik Fakültesi, 2014 - Continues

Van Yüzüncü Yil University, Denizcilik Fakültesi, Gemi Makineleri İşletme Mühendisliği, 2014 - Continues

Van Yüzüncü Yil University, Denizcilik Fakültesi, Gemi Makineleri İşletme Mühendisliği, 2014 - Continues

Courses

İleri Nükleer Kimya, Doctorate, 2017 - 2018

Jury Memberships

Doctoral Examination, Doctoral Examination, Van Yüzüncü Yıl Üniversitesi, December, 2023

Post Graduate, Post Graduate, Van Yüzüncü Yıl Üniversitesi, June, 2023

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Van Yüzüncü Yıl Üniversitesi, January, 2022

Doctorate, Doctorate, Van Yüzüncü Yıl Üniversitesi, January, 2022

Doctoral Examination, Doctoral Examination, Van Yüzüncü Yıl Üniversitesi, June, 2021

Doctoral Examination, Doctoral Examination, Van Yüzüncü Yıl Üniversitesi, June, 2021

Doctoral Examination, Doktora Yeterlilik Jüri Üyesi, Van Yüzüncü Yıl Üniversitesi, November, 2019

Appointment to Academic Staff-Assistant Professorship, Akademik Kadroya Atama Jürisi, Hitit Üniversitesi, June, 2019

Post Graduate, Nursel KAM Yüksek Lisans tez Savunma Sınavı, Van Yüzüncü Yıl Üniversitesi, October, 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Improvement of nuclear photon and neutron shielding performance of Tm₂O₃ and Dy₂O₃ doped ceramics: An experimental study**
Madak Z., Oto B., KAVAZ E., Çakar N.
Radiation Physics and Chemistry, vol.217, 2024 (SCI-Expanded)
- II. **An experimental study on gamma radiation attenuation effectiveness of magnetite and serpentine doped ceramics**
Oto B., Çakar N., KAVAZ E., Madak Z.
Progress in Nuclear Energy, vol.169, 2024 (SCI-Expanded)
- III. **Assessment on gamma radiation shielding properties of molybdenum doped bricks**
Oto B., Kavaz E., Durak H., Madak Z.
RADIATION PHYSICS AND CHEMISTRY, vol.207, no.1, pp.110849, 2023 (SCI-Expanded)
- IV. **Measurement of the Concentration of ²²⁶Ra, ²³²Th, ⁴⁰K in The Soil In Settlements on the Coastline of Lake Van, Turkey**
Yıldız Yorgun N., Oto B., Tarakçı M., Erzen Yıldız H., Kavaz E.
RADIATION PROTECTION DOSIMETRY, vol.1, no.1, pp.2-3, 2022 (SCI-Expanded)
- V. **The impact of Co addition on neutron-photon protection characteristics of red and yellow clays-based bricks: An experimental study**
Durak H., Kavaz E., Oto B., Aras A.
PROGRESS IN NUCLEAR ENERGY, vol.143, 2022 (SCI-Expanded)
- VI. **Improving the performance of nuclear protection of Al₂Si₂O₅(OH)₄-KAlSi₃O₈-SiO₂ ceramics with cobalt insertion: an experimental study**
Kavaz E., Oto B., Durak H., Madak Z.
Journal of the Australian Ceramic Society, vol.56, pp.1595-1607, 2020 (SCI-Expanded)
- VII. **The interaction of gamma radiation with drugs used in cholinergic medications**
Oto B., Oto G., Madak Z., KAVAZ E.
INTERNATIONAL JOURNAL OF RADIATION BIOLOGY, vol.96, no.2, pp.236-244, 2020 (SCI-Expanded)
- VIII. **Effect of addition of molybdenum on photon and fast neutron radiation shielding properties in ceramics**
Oto B., Kavaz E., Durak H., Aras A., Madak Z.
CERAMICS INTERNATIONAL, vol.45, no.17, pp.23681-23689, 2019 (SCI-Expanded)
- IX. **Nuclear radiation shielding and mechanical properties of colemanite mineral doped concretes**
Oto B., Madak Z., KAVAZ E., Yaltay N.

- RADIATION EFFECTS AND DEFECTS IN SOLIDS, vol.174, pp.899-914, 2019 (SCI-Expanded)
- X. **Effective atomic numbers, electron densities and gamma rays buildup factors of inorganic metal halide cubic perovskites CsBX₃ (B = Sn, Ge; X = I, Br, Cl)**
Oto B., Erden Gülebağlan S., Madak Z., KAVAZ E.
RADIATION PHYSICS AND CHEMISTRY, vol.159, pp.195-206, 2019 (SCI-Expanded)
- XI. **Evaluation of gamma-ray attenuation properties of lithium borate glasses doped with barite, limonite and serpentine**
Yorgun N., KAVAZ E., Oto B., AKDEMİR F.
RADIOCHIMICA ACTA, vol.106, no.10, pp.865-872, 2018 (SCI-Expanded)
- XII. **Determining radiological hazards due to the natural radioactivity in building materials used in Van, Turkey**
Yildiz-Yorgun N., GÜR FİLİZ F., Özdemir Ö. F., Oto B.
Fresenius Environmental Bulletin, vol.27, no.6, pp.4448-4454, 2018 (SCI-Expanded)
- XIII. **Natural radioactivity-based radiological hazards in soils of the islands: a case study from Eastern Turkey**
Oto B., Yıldız N., Şeremet M.
RADIOCHIMICA ACTA, vol.105, no.9, pp.763-773, 2017 (SCI-Expanded)
- XIV. **Gamma or X-rays attenuation properties of some biochemical compounds**
Isikli Z., Oto B.
RADIATION EFFECTS AND DEFECTS IN SOLIDS, vol.172, pp.296-302, 2017 (SCI-Expanded)
- XV. **Determination of gamma and fast neutron shielding parameters of magnetite concretes**
Oto B., Gür A. K., KAVAZ E., Çakır T., Yaltay N.
PROGRESS IN NUCLEAR ENERGY, vol.92, pp.71-80, 2016 (SCI-Expanded)
- XVI. **Neutron shielding qualities and gamma ray buildup factors of concretes containing limonite ore**
Oto B., Yıldız N., Korkut T., KAVAZ E.
Nuclear Engineering and Design, vol.293, pp.166-175, 2015 (SCI-Expanded)
- XVII. **Investigation of gamma radiation shielding properties of various ores**
Oto B., Yıldız N., Akdemir F., KAVAZ E.
PROGRESS IN NUCLEAR ENERGY, vol.85, pp.391-403, 2015 (SCI-Expanded)
- XVIII. **Photon attenuation properties of concrete produced with pumice aggregate and colemanite addition in different rates and the effect of curing age to these properties**
Yaltay N., Ekinci C. E., Çakır T., Oto B.
PROGRESS IN NUCLEAR ENERGY, vol.78, pp.25-35, 2015 (SCI-Expanded)
- XIX. **Radionuclide determination and radioactivity evaluation of surface soil samples collected along the Ercek Lake basin in eastern Anatolia, Turkey**
Yıldız N., Oto B., Turhan S., UGUR F. A., Goren E.
JOURNAL OF GEOCHEMICAL EXPLORATION, vol.146, pp.34-39, 2014 (SCI-Expanded)
- XX. **Determination of mass attenuation coefficients of concretes containing ulexite and ulexite concentrator waste**
Oto B., Gür A.
Annals of Nuclear Energy, vol.59, pp.72-74, 2013 (SCI-Expanded)
- XXI. **Photon attenuation properties of some concretes containing barite and colemanite in different rates**
Oto B., Gur A., Kacal M. R., Dogan B., Arasoglu A.
ANNALS OF NUCLEAR ENERGY, vol.51, pp.120-124, 2013 (SCI-Expanded)

Articles Published in Other Journals

- I. **Photon Attenuation Characteristics of CoQ10 and Resveratrol**
Oto G., Oto B.
Van Sağlık Bilimleri Dergisi, vol.11, no.1, pp.20-23, 2018 (Peer-Reviewed Journal)

- II. **Gamma-ray shielding of concretes including magnetite in different rate**
Oto B.
INTERNATIONAL JOURNAL OF PHYSICAL SCIENCES, vol.8, no.8, pp.310-314, 2013 (Peer-Reviewed Journal)
- III. **Determination of mass attenuation coefficients for concretes containing tincal concentrator waste**
Oto B., Gür A.
INTERNATIONAL JOURNAL OF PHYSICAL SCIENCES, vol.7, no.44, pp.5861-5864, 2012 (Peer-Reviewed Journal)
- IV. **Gamma-ray shielding of concretes including magnetite in different rate**
Oto B., Gür A.
INTERNATIONAL JOURNAL OF PHYSICAL SCIENCES, vol.8, no.8, pp.310-314, 2012 (Peer-Reviewed Journal)
- V. **TWO-BODY ATOMIC SYSTEMS CONFINED BY AN EXTERNAL HARMONIC OSCILLATOR POTENTIAL**
Yalçın Z., Oto B.
Journal of Science and Technology, vol.1, no.2, pp.275-292, 2007 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **İYONİZE GAMA RADYASYONUNDAN KORUNMAK İÇİN ÜRETİLEN SERAMİKLERİN ZIRHLAMA ÖZELLİKLERİNİN BELİRLENMESİ**
Madak Z., OTO B., KAVAZ E., ÇAKAR N.
Van Yüzüncü Yıl Üniversitesi. 1 Sağlık Bilimleri Kongresi, Turkey, 27 - 29 October 2022
- II. **STRUCTURAL ELECTRONIC AND SHIELDING PROPERTIES OF TlXIn₁ XAs**
Erden Gülebağlan S., Kanberoğlu G. S., Oto B.
32.Fizik Kongresi, Muğla, Turkey, pp.347
- III. **SOME GAMMA SHIELDING EXPERIMENTS AND CALCULATIONS ON BORON DOPED CONCRETE SAMPLES**
Oto B., MADAK Z., KAVAZ E.
MAS 6th INTERNATIONAL EUROPEAN CONFERENCE ON MATHEMATICS, ENGINEERING, NATURAL& MEDICAL SCIENCES, Kiev, Ukraine, 12 - 14 July 2019, pp.6
- IV. **THE INVESTIGATION OF SOME GAMMA INTERACTION PARAMETERS FOR CHEMOTHERAPY DRUGS**
Oto B., Madak Z., KAVAZ E.
MAS 6th INTERNATIONAL EUROPEAN CONFERENCE ON MATHEMATICS, ENGINEERING, NATURAL& MEDICAL SCIENCES, Kiev, Ukraine, 12 - 14 July 2019, pp.129-135
- V. **Electromagnetic Radiation Attenuation Properties of Different Types of Concretes**
MADAK Z., Oto B.
Uluslararası Müzik, Dans ve Sağlık Kongresi, Van, Turkey, 10 - 13 October 2018, pp.2
- VI. **Calculation on Mass attenuation coefficients, effective atomic numbers and electron densities of some antioxidants**
MADAK Z., Oto B.
TURKISH PHYSICAL SOCIETY 34. International Physics Congress, Muğla, Turkey, 5 - 09 September 2018, pp.535
- VII. **The Calculation of Some Phonon Shielding parameters of CsGeX₃ Perovskite Structure**
Oto B., Erden Gülebağlan S.
IMCOFE, Barselona, Spain, 24 - 26 July 2018, pp.230
- VIII. **The Calculations of Some Photon Shielding Parameters for CsGeX₃ (X=I, Br, Cl)Perovskite Structure**
Oto B., Erden Gülebağlan S.
V. International Multidisciplinary Congress of Eurasia, Barcelona, Spain, 24 - 26 July 2018, pp.11
- IX. **The electromagnetic radiation attenuation properties of some antioxidants**
Oto B., MADAK Z.
V. International Multidisciplinary Congress of Eurasia, Barcelona, Spain, 24 - 26 July 2018, pp.11
- X. **"Bazı Biyokimyasal Bileşiklerin Gama veya X-ışınları ile etkileşimleri"**
Oto B., MADAK Z.
1st INTERNATIONAL HEALTH SCIENCE AND LIFE CONGRESS 02-05 May 2018, Burdur / TURKEY, Burdur, Turkey,

2 - 05 May 2018, pp.34

- XI. **Calculation of radiological properties of iodine compounds contrast agents (iodixanol, iohexol, iopamidol, iopromide, ioxagalete)"**
Çakır T., Oto B.
4th International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology, Antalya, Turkey, 20 - 22 April 2018, pp.112
- XII. **Radioactivity concentrations and gamma dose rates in soil samples of metropolitan areas Van, Turkey**
Yıldız N., GÜR FİLİZ F., Tarakçı M., Oto B., Özdemir Ö. F.
Uluslararası ve Disiplinlerarası Çevre ve Edebiyat Sempozyumu, Manisa, Turkey, 1 - 03 November 2017, pp.34
- XIII. **STRUCTURAL, ELECTRONICS, OPTICAL, ELASTICAL AND PHOTON SHIELDING PROPERTIES OF RbGeCl₃**
Doğan E., Erden Gülebağlan S., Oto B.
TURKISH PHYSICAL SOCIETY 33. International Physics Congress, Muğla, Turkey, 6 - 10 September 2017, pp.343
- XIV. **THE CALCULATION OF SOME PHOTON SHIELDING PARAMETERS FOR RbH and RbAu BINARY COMPOUNDS**
Oto B., Doğan E., Erden Gülebağlan S.
TURKISH PHYSICAL SOCIETY 33. International Physics Congress, Muğla, Turkey, 6 - 10 September 2017, pp.714
- XV. **Some Properties of The Ternary Pt_xGa_{1-x}N**
Erden Gülebağlan S., Oto B., Doğan E.
33. International Physics Congress, Muğla, Turkey, 6 - 10 September 2017, pp.639
- XVI. **PHOTON SHIELDING PROPERTIES OF SOME BIOCHEMICAL COMPOUNDS**
Işıklı Z., Oto B.
TURKISH PHYSICAL SOCIETY 33. International Physics Congress, Muğla, Turkey, 6 - 10 September 2017, pp.711
- XVII. **INVESTIGATION ON SOME PHYSICAL PROPERTIES AND PHOTON SHIELDING CHARACTERISTICS OF NdRhO₃**
Doğan E., Oto B., Erden Gülebağlan S.
TURKISH PHYSICAL SOCIETY 33. International Physics Congress, Muğla, Turkey, 6 - 10 September 2017, pp.621
- XVIII. **SOME PROPERTIES OF THE TERNARY Pt_xGa_{1-x}N ALLOYS**
Erden Gülebağlan S., Oto B., Doğan E.
TURKISH PHYSICAL SOCIETY 33. International Physics Congress, Muğla, Turkey, 6 - 10 September 2017, pp.639
- XIX. **STRUCTURAL, ELECTRONICS AND SHIELDING PROPERTIES OF TERNARY Sr_xMg_{1-x}O ALLOYS**
Erden Gülebağlan S., Doğan E., Oto B.
TURKISH PHYSICAL SOCIETY 33. International Physics Congress, Muğla, Turkey, 6 - 10 September 2017, pp.343
- XX. **ELECTROMAGNETIC RADIATION ATTENUATION PROPERTIES OF SOME ALLOYS**
Oto B., Erden Gülebağlan S., Doğan E.
TURKISH PHYSICAL SOCIETY 33. International Physics Congress, Muğla, Turkey, 6 - 10 September 2017, pp.703
- XXI. **Calculation Of Fast Neutron Removal Cross-Sections For Barite And Magnetite Ores**
Oto B.
INTERNATIONAL MULTIDISCIPLINARY CONGRESS of EURASIA, Roma, Italy, 23 - 26 August 2017, pp.363
- XXII. **Gamma Radiation Shielding Parameters of Magnetite Concretes for 1.25 MeV Photons**
Oto B., Çakır T.
III. International Multidisciplinary Congress of Eurasia, Roma, Italy, 27 - 30 April 2017, pp.357
- XXIII. **Gamma Radiation Attenuation Properties of Some Ores**
Oto B., Yıldız N., Çakır T.
2nd INTERNATIONAL CONFERENCE ON ADVANCES IN NATURAL AND APPLIED SCIENCES, Antalya, Turkey, 18 - 21 April 2017, pp.294
- XXIV. **Radionuclide characterization in soil samples of the islands of Akdamar, Çarpanak and Adır located on Lake Van, Turkey**
Oto B., Yıldız N., Şeremet M.
2nd INTERNATIONAL CONFERENCE ON ADVANCES IN NATURAL AND APPLIED SCIENCES, Antalya, Turkey, 18 - 21 April 2017, pp.455

- XXV. **The Calculation of Some Gamma Shielding Parameters For Semiconductor CsPbBr₃**
Oto B., Erden Gülebağlan S., Kanberoğlu G. S.
32nd International Physics Congress of Turkish-Physical-Society (TPS), Bodrum, Turkey, 6 - 09 September 2016, vol.1815
- XXVI. **GAMMA SHIELDING PROPERTIES OF TAMOXIFEN DRUG**
Kanberoğlu G. S., Oto B., Erden Gülebağlan S.
32nd International Physics Congress of Turkish-Physical-Society (TPS), Bodrum, Turkey, 6 - 09 September 2016, vol.1815
- XXVII. **Van İlinde Kullanılan Yapı Malzemelerindeki Doğal Radyoaktiviteden Kaynaklanan Radyasyon Dozunun Değerlendirilmesi**
GÜR FİLİZ F., Yıldız N., Oto B.
XI. Ulusal Nükleer Bilimler ve Teknolojileri Kongresi,, Aydın, Turkey, 12 - 14 October 2016, pp.77
- XXVIII. **THE CALCULATIONS OF SOME GAMMA SHIELDING PARAMETERS FOR SEMICONDUCTOR CSPBBR₃**
Oto B., Erden Gülebağlan S., Kanberoğlu G. S.
32. Uluslararası Fizik Kongresi, Muğla, Turkey, 6 - 09 September 2016, pp.403
- XXIX. **GAMMA SHIELDING PROPERTIES OF TAMOXIFEN**
Kanberoğlu G. S., Oto B., Erden Gülebağlan S.
32. Uluslararası Fizik Kongresi, Muğla, Turkey, 6 - 09 September 2016, pp.435
- XXX. **THE CALCULATIONS OF EFFECTIVE ATOMIC NUMBER AND ELECTRON DENSITY OF TLN, TLP AND TLAS COMPOUNDS**
Oto B., Erden Gülebağlan S., Kanberoğlu G. S.
32. Uluslararası Fizik Kongresi, Muğla, Turkey, 6 - 09 September 2016, pp.403
- XXXI. **THE CALCULATIONS OF EFFECTIVE ATOMIC NUMBER AND ELECTRON DENSITY OF MAPROTILINE HYDROCHLORIDE**
Kanberoğlu G. S., Oto B., Erden Gülebağlan S.
32. Uluslararası Fizik Kongresi, Muğla, Turkey, 6 - 09 September 2016, pp.435
- XXXII. **STRUCTURAL, ELECTRONIC AND SHIELDING PROPERTIES OF BXAL₁-XAS**
KAYA E., Erden Gülebağlan S., Kanberoğlu G. S., Oto B.
32. Uluslararası Fizik Kongresi, Muğla, Turkey, 6 - 09 September 2016
- XXXIII. **STRUCTURAL, ELECTRONIC AND SHIELDING PROPERTIES OF TIXIn₁-XAS**
Erden Gülebağlan S., Kanberoğlu G. S., Oto B.
32. Uluslararası Fizik Kongresi, Muğla, Turkey, 6 - 09 September 2016, pp.347
- XXXIV. **Radon exhalation rates from building materials using LR-115 nuclear track detectors**
GÜR FİLİZ F., Taşköprü C., Oto B., Yıldız N.
3 rd International Conference on Po and Radioactive Pb Isotopes, Aydın, Turkey, 11 - 14 October 2015, pp.145
- XXXV. **Investigation of natural radioactivity of some building materials used in Van, Turkey.**
Oto B.
Green Infrastructure and sustainable Societies/Cities, İzmir, Turkey, 8 - 14 May 2014, pp.46
- XXXVI. **Investigation of natural radioactivity of some building materials used in Van**
GÜR FİLİZ F., Yıldız N., Oto B.
International Congress on Green Infrastructure and Sustainable Societies/Cities (GreInSus 2014), İzmir, Turkey, 8 - 10 May 2014, pp.46
- XXXVII. **Shielding Properties of Concrete Samples Containing Magnetite and Barite Aggregates**
Oto B., Gür A.
27th International Physics Congress, İstanbul, Turkey, 6 - 09 October 2011, pp.887
- XXXVIII. **Tinkal Katkılı Beton Numunelerinin Gama Işını Absorblama Kapasiteleri**
Oto B., Gür A., Arasoğlu A.
28th International Physics Congress, İstanbul, Turkey, 6 - 09 October 2011, pp.888
- XXXIX. **Uleksit ve Uleksit Konsantratör Atığı İçeren Beton Numunelerinin Gama Radyasyon Soğurganlıklarının Belirlenmesi**
Oto B., Gür A., Kaçal M., Doğan B.

27th International Physics Congress, 14-17 September, İstanbul, Turkey, 14 - 17 October 2010, pp.764

XL. Manyetit ve Barit Katkılı Betonların 59.54 ve 80.99 KEV Enerjili Gama Işınları İçin Radyasyon Soğurganlıkları

Oto B., Gür A.

27th International Physics Congress, İstanbul, Turkey, 14 - 17 October 2010, pp.765

XLI. Zayıf Perdelenmiş Hidrojen Benzeri Atomlar İçin Bazı Kuantum Mekanik Çözümler

Oto B.

Türk Fizik Derneği 24. Uluslar Arası Fizik Kongresi, Malatya, Turkey, 28 - 31 August 2007, pp.266

XLII. On The Confinement Problem Caused By Any Phycial Restriction In Size or Confining Field

Yalçın Z., Oto B.

Türk Fizik Derneği 23. Kongresi, Muğla, Turkey, 13 - 16 September 2005, pp.143

Supported Projects

Oto B., MADAK Z., Project Supported by Higher Education Institutions, Bazı Lantanit Bileşikler Kullanılarak Üretilen Seramiklerin Gama ve Nötron Radyasyonu Zırhlama Özelliklerinin Araştırılması, 2022 - 2024

Oto B., Project Supported by Higher Education Institutions, Bor katkılı beton numunelerde bazı gama zırhlama deneyleri ve hesaplamaları, 2019 - 2019

Oto B., DURAK H., Project Supported by Higher Education Institutions, Bazı Seramik Örneklerinin Gama Radyasyonu Zırhlama Özelliklerinin Belirlenmesi, 2019 - 2019

Oto B., Project Supported by Higher Education Institutions, Bazı antioksidanların elektromanyetik radyasyonu zayıflatma özellikleri, 2018 - 2018

Oto B., Project Supported by Higher Education Institutions, Akademik Deneyimin Geliştirilmesi (Sözlü Sunum), 2017 - 2017

Oto B., Project Supported by Higher Education Institutions, Bazı beton cam ve alaşımların gama radyasyonu zırhlama özelliklerinin hesaplanması., 2016 - 2017

Oto B., Yıldız N., Project Supported by Higher Education Institutions, Van Gölünde Bulunan Akdamar, Çarpanak ve Adır Adalarındaki Toprak Numunelerinde Doğal Radyoaktivite Seviyesinin Belirlenmesi ve Gama Doz Hızının Hesaplanması, 2013 - 2016

Yıldız Yorgun N., Oto B., Project Supported by Higher Education Institutions, Van Gölü Kıyısında Bulunan Yerleşim Alanlarının Radyoaktivite Düzeyinin Belirlenmesi ve Gama Doz Hızlarının Hesaplanması, 2012 - 2015

GÜR A., Oto B., Project Supported by Higher Education Institutions, Barit, Manyetit, Bazı Bor Mineralleri ve Atıklarını İçeren Beton Numunelerinin Radyasyon Soğurganlıkları ve Nötron Tutma Kapasitelerinin Araştırılması, 2009 - 2013

Scientific Refereeing

Radiation Physics and Chemistry, SCI Journal, December 2019

Construction & Building Materials, SCI Journal, September 2019

Radiation Physics and Chemistry, SCI Journal, April 2019

Radiation Physics and Chemistry, SCI Journal, April 2019

Radiation Physics and Chemistry, SCI Journal, April 2019

Radiochimica Acta, SCI Journal, March 2019

Cement and Concrete Composites, SCI Journal, January 2019

Nuclear Science and Techniques, SCI Journal, January 2019

Radiation Physics and Chemistry, SCI Journal, December 2018

Turkish Studies, National Scientific Refreed Journal, December 2018

Radiation Physics and Chemistry, SCI Journal, December 2018

Radiation Physics and Chemistry, SCI Journal, April 2018

Cement and Concrete Composites, SCI Journal, March 2018

Radiation Physics and Chemistry, SCI Journal, February 2018
Radiochimica Acta, SCI Journal, January 2018
Radiation Physics and Chemistry, SCI Journal, June 2017
Advances in Concrete Construction, Other Indexed Journal, June 2017
Radiation Physics and Chemistry, SCI Journal, December 2016
Applied Radiation and Isotopes, SCI Journal, December 2016
Results in Physics, SCI Journal, November 2016
Journal of Applied Physical Science International, Other Indexed Journal, October 2016
Journal of Scientific Research and Reports, Other Indexed Journal, October 2016
Physicochemical Problems of Mineral Processing, SCI Journal, April 2016
Annals of Nuclear Energy, SCI Journal, January 2014
International Journal of Physical Sciences, Other Indexed Journal, January 2013
Annals of Nuclear Energy, SCI Journal, January 2013

Metrics

Publication: 71
Citation (WoS): 315
Citation (Scopus): 487
H-Index (WoS): 9
H-Index (Scopus): 11

Congress and Symposium Activities

V. International Multidisciplinary Congress of Eurasia, Session Moderator, Barcelona, Spain, 2018

Non Academic Experience

YÜZÜNCÜ YIL ÜNİVERSİTESİ