

Prof. Orhan İÇELLİ

Personal Information

Office Phone: [+90 383 424 7424](tel:+903834247424) Extension: 7

Email: oicelli@yildiz.edu.tr

Other Email: oiCELLIYTU@outlook.com.tr

Web: <https://avesis.yildiz.edu.tr/oicelli>

International Researcher IDs

ORCID: 0000-0002-6485-2208

Yoksis Researcher ID: 189537

Education Information

Doctorate, Ataturk University, Fen-Edebiyat Fakültesi, Fizik, Turkey 1998 - 2002

Postgraduate, Ataturk University, Fen Bilimleri Enstitüsü, Fizik Anabilim Dalı, Turkey 1994 - 1998

Undergraduate, Ataturk University, Fen Fakültesi, Fizik, Turkey 1990 - 1994

Certificates, Courses and Trainings

Quality Management, İç Denetçi, Yıldız Teknik Üniversitesi, 2015

Dissertations

Doctorate, Bazı bileşikler ve kristallerde lineer diferansiyel saçılma katsayılarının dağılımının ölçülmesi ve etkin atom numarasına göre değişiminin incelenmesi, Ataturk University, Fen Bilimleri Enstitüsü, Fizik Anabilim Dalı, 2002

Postgraduate, 59.5 keV'de farklı elementler için koherent saçılma diferansiyel tesir kesitinin ölçülmesi, Ataturk University, Fen Bilimleri Enstitüsü, Fizik Anabilim Dalı, 1998

Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Biophysics, Physics, Atomic and Molecular Physics, Atomic Spectra and Photon Interactions, Interdisciplinary Physics and Related Science and Technology Areas, Materials Science, Nuclear physics, Experimental Methods of Particle and Nuclear Physics, Natural Sciences

Academic Titles / Tasks

Professor, Yildiz Technical University, Fen Edebiyat Fakültesi, Fizik Bölümü, 2011 - Continues

Associate Professor, Yildiz Technical University, Faculty Of Arts & Science, Department Of Physics, 2006 - 2011

Academic and Administrative Experience

Head of Department, Yildiz Technical University, Faculty Of Arts & Science, Department Of Physics, 2017 - 2022

Head of Department, Yildiz Technical University, Faculty Of Arts & Science, Department Of Physics, 2014 - 2017
Rector's Advisor, Yildiz Technical University, Faculty Of Arts & Science, Department Of Physics, 2014 - 2017
University Executive Board Member, Yildiz Technical University, Faculty Of Arts & Science, Department Of Physics, 2013 - 2016
Head of Department, Yildiz Technical University, Faculty Of Arts & Science, Department Of Physics, 2014 - 2015
Dean, Yildiz Technical University, Faculty Of Arts & Science, Department Of Physics, 2014 - 2015
Director of Vocational School, Yildiz Technical University, Technical Vocational School Of Higher Education, 2013 - 2014
Rector's Advisor, Yildiz Technical University, Faculty Of Arts & Science, Department Of Physics, 2012 - 2014
Vice Dean, Yildiz Technical University, Faculty Of Arts & Science, Department Of Physics, 2011 - 2012
Director of Vocational School, Erzincan Binali Yildirim University, Tercan Meslek Yüksekokulu, 2008 - 2011

Advising Theses

İçelli O., Tiroid Kanseri Teşhis ve Tedavi Süreçlerine Yapay Zeka ve Monte Carlo Simülasyonları İle Alternatif Yaklaşımlar, Doctorate, O.TOKER(Student), Continues
İçelli O., MCNP Kodu İle Tıbbi Fizik Hesaplamaları, Doctorate, A.Hasan(Student), Continues
İçelli O., Betavoltaik ve Fotovoltaik pil uygulamaların enerji verimi simülasyonu, Doctorate, K.Hışıroğlu(Student), Continues
İçelli O., Görüntü ve Genomik Verileri Kullanılarak Yapay Zeka Destekli Kişiselleştirilmiş Radyoterapi Dozunun Belirlenmesi, Doctorate, M.Konuk(Student), Continues
İçelli O., U-Net Mimarisi İle Beyin Tümörü MR Görüntüleri Segmentasyonu ve Hacminin Hesaplanması, Postgraduate, E.Altın(Student), Continues
İçelli O., Monte Carlo Simülasyonlarıyla Çimentonun XRF Spektroskopisinde Kalitatif ve Kantitatif Analizi, Postgraduate, K.Yavaş(Student), Continues
İçelli O., Mayın Algılama Sistemlerinde Nükleer Tekniklerin Simülasyonu ve Yapay Zeka ile Mayın Türlerinin Tespiti, Doctorate, M.Özşahin(Student), Continues
İçelli O., X-ışını floresans spektroskopisinde standartsız kantitatif simülasyon metodu, Postgraduate, U.Keskin(Student), 2024
İçelli O., Beyin MR görüntülerinin yapay zekâ yöntemleri ile sınıflandırılması, Postgraduate, Z.Kemal(Student), 2023
İçelli O., Gama ışını buildup faktörlerinin Monte Carlo simülasyonu ve yapay sinir ağları ile modellenmesi, Postgraduate, B.Bilmez(Student), 2021
İçelli O., Yeni nesil radyasyon zırhlayıcılar: epoksi temelli metal oksit mikro ve nano yapılu kompozitler, Doctorate, Y.Karabul(Student), 2021
İçelli O., Tıbbi Radyasyon Zırhlamalarında Kullanılabilecek Çok Fonksiyonlu Mikro/nano Kompozit Malzemelerin Geliştirilmesi ve Dozimetrik Özelliklerinin İncelenmesi, Doctorate, M.Çağlar(Student), 2021
İçelli O., Kimyasal Püskürtme Yöntemiyle Homojenliği Arttıracak Sisleştirici/Püskürtme Odacık Sisteminin Geliştirilmesi ve Farklı Malzemelerde Uygulanması, Postgraduate, M.Özşahin(Student), 2019
İçelli O., RADYASYONA MARUZ BIRAKILAN MEME KANSERLİ HASTALARIN KANÖRNEKLERİNDEKİ SODYUM/POTASYUM (Na/K) ORANI İLE ELEKTRONYOĞUNLUĞU ARASINDA KORELASYON, Postgraduate, O.Toker(Student), 2018
İçelli O., Borikasit katkılanmış ve gama ışını dozlanmış PEDOT: PSS tabakasının P3HT:PCBM esaslı fotovoltaik hücrelerde kullanılması, Doctorate, Ö.Yağcı(Student), 2016
İçelli O., Bakırdere S., Ses dalgaları, manyetik alan ve elektrik alan etkisinde kurutulan gıdalardamikotoksinlerin tayini ve fiziksel/kimyasal parametrelerin incelenmesi, Doctorate, E.Nuroğlu(Student), 2016
İçelli O., Tiroid kanserli hastalardan alınan kan örneklerindeki bazı minerallerinde değerlendirilmesi ve foton-atomik parametrelerinin tayini, Postgraduate, B.Balkan(Student), 2015
İçelli O., Bazı bazalt malzemelerin manyetik alandaki elektriksel özellikleri,, Postgraduate, M.Çınar(Student), 2015
İçelli O., Etkin atom numaralarını saçılma açılarına bağlı olarak hesaplayabilen bir yazılım paketi geliştirilmesi : ZXCUM, Postgraduate, A.Nihat(Student), 2015
İçelli O., Susam L., Bazalt numunelerde eabf ve EBF parametrelerinin yeni bir metot ile tayini, Postgraduate, Y.Karabul(Student), 2014

İçelli O., Karakaya V., Fizikte bazı spektral uygulamalar, Postgraduate, I.Pakize(Student), 2014
İçelli O., Çetin A., Agat ve kalsedon'un termolüminesans özellikleri, Postgraduate, D.Güngör(Student), 2010
İçelli O., Kibar R., Krizopnas ve rodonit'in termolüminesans özellikleri, Postgraduate, N.Şentürk(Student), 2010

Jury Memberships

Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, September, 2019
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Yıldız Teknik Üniversitesi, July, 2019
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Yıldız Teknik Üniversitesi, August, 2018

Taught Courses And Trainings

İçelli O., Eğiticilerin Eğitimi Çalıştayı, 2008 - 2008

Research Infrastructure Information

İçelli O., Nükleer Fizikte Simülasyon ve Yapay Zeka Araştırma Grubu, June 2023

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A Monte Carlo-based approach to determine effective atomic numbers of low-Z explosives in landmines**
ÖZŞAHİN TOKER M., Yavas K., TOKER O., İÇELLİ O.
Radiation Effects and Defects in Solids, 2025 (SCI-Expanded)
- II. **An alternative approach for determining the effective atomic number of some compounds: Monte Carlo study**
Ozsahin M., KALECİK S., TOKER O., KURUCU Y., İÇELLİ O.
Radiation Physics and Chemistry, vol.215, 2024 (SCI-Expanded)
- III. **An investigation on compatibility of experimental effective atomic numbers of some Fe-Ni alloys with those predicted by MCNP**
KALECİK S., YILMAZ D., KURUCU Y., GÜROL A., TOKER O., İÇELLİ O.
RADIATION PHYSICS AND CHEMISTRY, vol.202, 2023 (SCI-Expanded)
- IV. **Monte Carlo study on size-dependent radiation enhancement effects of spinel ferrite nanoparticles**
Bilmez B., Toker M. O., TOKER O., İÇELLİ O.
RADIATION PHYSICS AND CHEMISTRY, vol.199, 2022 (SCI-Expanded)
- V. **Na₂Si₃O₇/Ag micro and nano-structured glassy composites: The experimental and MCNP simulation surveys of their radiation shielding performances**
Çağlar M., Karabul Y., Kılıç M., Güven Özdemir Z., İçelli O.
Progress In Nuclear Energy, vol.139, pp.1-13, 2021 (SCI-Expanded)
- VI. **Efficiency analysis of multiple detector effects on MCNP 6.2 simulations**
AKÇALI Ö., TOKER O., Bilmez B., İÇELLİ O.
Progress in Nuclear Energy, vol.139, 2021 (SCI-Expanded)
- VII. **The assessment of usage of epoxy based micro and nano-structured composites enriched with Bi₂O₃ and WO₃ particles for radiation shielding**
Karabul Y., İçelli O.
Results in Physics, vol.26, 2021 (SCI-Expanded)

- VIII. **Practical simulation method for determination of effective atomic number from Rayleigh to Compton scattering ratio by MCNP**
TOKER O., Bilmez B., AKÇALI Ö., Özşahin Toker M., İÇELLİ O.
Radiation Physics and Chemistry, vol.181, 2021 (SCI-Expanded)
- IX. **Evaluation of three different glassy composites (quinary matrix designed using Cr2O3/Na2O/MnO2) in respect of radiation shielding behaviors**
TOKER O., Bilmez B., Toker M. O., KAVANOZ H. B., AKÇALI Ö., YILMAZ M., İÇELLİ O.
RADIATION EFFECTS AND DEFECTS IN SOLIDS, vol.176, no.9-10, pp.967-981, 2021 (SCI-Expanded)
- X. **An investigation on gamma-ray shielding properties of quaternary glassy composite (Na2Si3O7/Bi2O3/ B2O3/Sb2O3) by BXCOS and MCNP 6.2 code**
AKÇALI Ö., Çağlar M., TOKER O., Bilmez B., KAVANOZ H. B., İÇELLİ O.
Progress in Nuclear Energy, vol.125, 2020 (SCI-Expanded)
- XI. **Comparison of ITO and ZnO ternary glassy composites in terms of radiation shielding properties by Monte Carlo N-particle transport code and BXCOS**
TOKER O., Bilmez B., KAVANOZ H. B., AKÇALI Ö., İÇELLİ O.
RADIATION AND ENVIRONMENTAL BIOPHYSICS, vol.59, no.2, pp.283-293, 2020 (SCI-Expanded)
- XII. **Analysis of Conventionally and Magnetic-Field Dried Fruit and Nuts for Mycotoxins by High-Performance Liquid Chromatography–Tandem Mass Spectrometry (HPLC-MS/MS) and Trace Elements by Inductively Coupled Plasma–Mass Spectrometry (ICP-MS)**
İçelli O., Öz E., Bakırdere S., Nuroglu E.
Analytical Letters, vol.53, no.5, pp.735-745, 2020 (SCI-Expanded)
- XIII. **Determination of Trace Element Concentrations in Blood Samples and Their Correlation to Breast Cancer**
TOPDAĞI Ö., TOKER O., BAKIRDERE S., ÖZ E., Bursalioglu E. O., Abuqbeith M., Demir M., İÇELLİ O.
ATOMIC SPECTROSCOPY, vol.41, no.1, pp.29-35, 2020 (SCI-Expanded)
- XIV. **A novel comprehensive utilization of vanadium slag/epoxy resin/antimony trioxide ternary composite as gamma ray shielding material by MCNP 6.2 and BXCOS**
Kavanoz H. B., Akçalı Ö., Toker O., Bilmez B., Çağlar M., İçelli O.
Radiation Physics and Chemistry, vol.165, 2019 (SCI-Expanded)
- XV. **Na2Si3O7/BaO composites for the gamma-ray shielding in medical applications: Experimental, MCNP5, and WinXCom studies**
Çağlar M., Kayacık H., Karabul Y., Kılıç M., Ozdemir Z., İçelli O.
PROGRESS IN NUCLEAR ENERGY, vol.117, 2019 (SCI-Expanded)
- XVI. **Radiation interaction parameters for blood samples of breast cancer patients: an MCNP study**
Toker O., Çağlar M., Öz E., Bakırdere S., Topdağı Ö., Eyecioglu O., İçelli O.
RADIATION AND ENVIRONMENTAL BIOPHYSICS, vol.58, no.4, pp.531-537, 2019 (SCI-Expanded)
- XVII. **Availability of water glass/Bi2O3 composites in dielectric and gamma-ray screening applications**
Demirbay T., Çağlar M., Karabul Y., Kılıç M., İçelli O., Güven Özdemir Z.
Radiation Effects and Defects in Solids, vol.174, pp.419-434, 2019 (SCI-Expanded)
- XVIII. **BXCOS: a software for computation of radiation sensing**
Eyecioglu O., El-Khayatt A. M., KARABUL Y., Çağlar M., TOKER O., İÇELLİ O.
RADIATION EFFECTS AND DEFECTS IN SOLIDS, vol.174, pp.506-518, 2019 (SCI-Expanded)
- XIX. **Effects of the gamma-irradiation strength and basalt additive content on the mechanical performance and dielectric response of polypropylene films**
Kılıç M., Ozdemir Z., Alkan U., Karabul Y., İçelli O.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.136, 2019 (SCI-Expanded)
- XX. **Dielectric and gamma shielding properties of sodium silicate glassy structure modified with tungsten**
Kılıç M., Çağlar M., Karabul Y., Ozdemir Z., İçelli O.
RADIATION EFFECTS AND DEFECTS IN SOLIDS, vol.174, pp.229-247, 2019 (SCI-Expanded)
- XXI. **Evaluation of magnetic field assisted sun drying of food samples on drying time and mycotoxin production**

- Nuroglu E., Öz E., Bakırdere S., Bursalioglu E. O., Kavanoz H. B., İçelli O.
INNOVATIVE FOOD SCIENCE & EMERGING TECHNOLOGIES, vol.52, pp.237-243, 2019 (SCI-Expanded)
- XXII. **Improved Dielectric and Electrical Properties of PANI Achieved by Using Low Cost Mineral Additive**
Kılıç M., Karabul Y., Ozdemir Z., Misirlioglu B., İçelli O.
IEEE TRANSACTIONS ON DIELECTRICS AND ELECTRICAL INSULATION, vol.26, pp.300-307, 2019 (SCI-Expanded)
- XXIII. **The influence of the partially europium substitution on the AC electrical properties of BiSr₂CaCu₂O_{6.5} ceramics**
Özdemir Z. G., KILIÇ M., KARABUL Y., Erdönmez S., İÇELLİ O.
Processing and Application of Ceramics, vol.13, no.4, pp.323-332, 2019 (SCI-Expanded)
- XXIV. **Structural analysis and dielectric relaxation mechanism of conducting polymer/volcanic basalt rock composites**
Bulgurcuoğlu A. E., Karabul Y., Kılıç M., Ozdemir Z., Erdonmez S., Misirlioglu B. S., Okutan M., İçelli O.
Materials Science- Poland, 2019 (SCI-Expanded)
- XXV. **Determination of Se, Cr, Mn, Zn, Co, Na, and K in Blood Samples of Breast Cancer Patients to Investigate Their Variation Using ICP-MS and ICP-OES**
Toker O., Topdağı Ö., Bakırdere S., Bursalioglu E. O., Öz E., Eyecoglu O., Karabul Y., Çağlar M., İçelli O.
ATOMIC SPECTROSCOPY, vol.40, pp.11-16, 2019 (SCI-Expanded)
- XXVI. **X-ray irradiated LDPE/PP blends with high mechanical and dielectric performance**
Alkan U., Kılıç M., Karabul Y., Caglar M., İçelli O., Ozdemir Z.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.135, 2018 (SCI-Expanded)
- XXVII. **Correlation between Na/K ratio and electron densities in blood samples of breast cancer patients**
Topdağı Ö., Toker O., Bakırdere S., Bursalioglu E. O., Öz E., Eyecioglu O., Demir M., İçelli O.
BIOMETALS, vol.31, pp.673-678, 2018 (SCI-Expanded)
- XXVIII. **Effect of borax additive on the dielectric response of polypyrrole**
Kılıç M., Karabul Y., Ozdemir Z., Erdonmez S., Bulgurcuoğlu A. E., Yeşilkaya S. S., Okutan M., İçelli O.
Bulletin of Materials Science, vol.41, no.2, 2018 (SCI-Expanded)
- XXIX. **Structural Analysis and Dielectric Relaxation Mechanism of Conducting Polymer/ Volcanic Basalt Rock Composites**
BULGURCUOĞLU A. E., KARABUL Y., KILIÇ M., GÜVEN ÖZDEMİR Z., ERDÖNMEZ S., SÜNGÜ MISIRLIOĞLU B., OKUTAN M., İÇELLİ O.
MATERIALS SCIENCE-POLAND, vol.36, pp.1-8, 2018 (SCI-Expanded)
- XXX. **Measurement of photon interaction parameters of high-performance polymers and their composites**
Buyukyildiz M., Tasdelen M. A., KARABUL Y., ÇAĞLAR M., İÇELLİ O., BOYDAŞ E.
RADIATION EFFECTS AND DEFECTS IN SOLIDS, vol.173, pp.474-488, 2018 (SCI-Expanded)
- XXXI. **Polythiophene Based Composite with Enhanced Dielectric Performance with Basalt**
Karabul Y., Kılıç M., Ozdemir Z., Erdönmez S., İçelli O.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.28, pp.325-333, 2018 (SCI-Expanded)
- XXXII. **Sodium Meta Silicate Doped PPy and PT Composites with Giant Dielectric Constant**
Erdönmez S., Karabul Y., Bulgurcuoğlu A. E., Kılıç M., Ozdemir Z., İçelli O.
IEEE TRANSACTIONS ON DIELECTRICS AND ELECTRICAL INSULATION, vol.24, pp.3031-3037, 2017 (SCI-Expanded)
- XXXIII. **Polypropylene/basalt thick film composites: structural, mechanical and dielectric properties**
Alkan U., Karabul Y., Bulgurcuoğlu A. E., Kılıç M., Ozdemir Z., İçelli O.
E-POLYMERS, vol.17, pp.417-425, 2017 (SCI-Expanded)
- XXXIV. **Determination of radiation shielding parameters of 304L stainless steel specimens from welding area for photons of various gamma ray sources**
Buyukyildiz M., KURUDİREK M., Ekici M., İÇELLİ O., KARABUL Y.
PROGRESS IN NUCLEAR ENERGY, vol.100, pp.245-254, 2017 (SCI-Expanded)
- XXXV. **Structural, optical and electrical properties of polypyrrole in an ionic liquid**
Gurbuz O., Şenkal B. F., İÇELLİ O.

- POLYMER BULLETIN, vol.74, no.7, pp.2625-2639, 2017 (SCI-Expanded)
- XXXVI. **Synthesis and characterization of EuBa₂Ca₂Cu₃O_{9-x}: The influence of temperature on dielectric properties and charge transport mechanism**
Ozdemir Z., Kılıç M., Karabul Y., Misirlioglu B., Cataltepe O. A., İçelli O.
MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING, vol.63, pp.196-202, 2017 (SCI-Expanded)
- XXXVII. **A study on compatibility of experimental effective atomic numbers with those predicted by ZXC**
Eyecioglu O., EL-KHAYATT A. M., KARABUL Y., İÇELLİ O.
NUCLEAR SCIENCE AND TECHNIQUES, vol.28, no.5, 2017 (SCI-Expanded)
- XXXVIII. **Prediction of electron density and trace element concentrations in human blood serum following radioiodine therapy in differentiated thyroid cancer patients**
Bursalioglu E. O., ALKAN F. A., BARUTCU U. B., DEMİR M., KARABUL Y., BALKAN B., ÖZ E., İÇELLİ O.
MEASUREMENT, vol.100, pp.19-25, 2017 (SCI-Expanded)
- XXXIX. **Structural and dielectric properties of Europium based copper oxide layered perovskite material**
Ozdemir Z., KILIÇ M., KARABUL Y., Cataltepe O. A., İÇELLİ O., Onbasli U.
FERROELECTRICS, vol.510, no.1, pp.121-131, 2017 (SCI-Expanded)
- XL. **Investigating the performance of P3HT:PCBM organic solar cells involving gamma-irradiated PEDOT:PSS layer**
YAĞCI Ö., YEŞİLKAYA S. S., Okutan M., İÇELLİ O.
RADIATION EFFECTS AND DEFECTS IN SOLIDS, vol.172, pp.805-814, 2017 (SCI-Expanded)
- XLI. **Gamma-ray irradiation effect on mechanical and dielectric properties of volcanic basalt mineral reinforced low density polyethylene films**
Kılıç M., Karabul Y., Alkan U., Yağci Ö., Okutan M., Okutan M., İçelli O.
Physicochemical Problems of Mineral Processing, vol.53, no.1, pp.578-590, 2017 (SCI-Expanded)
- XLII. **Structure and Impedance Properties of Some Basalt Materials Under Magnetic Field**
Cinar M., Kılıç M., Karabul Y., Canli N., Alkan U., Okutan M., İçelli O.
JOURNAL OF NANOELECTRONICS AND OPTOELECTRONICS, vol.11, no.4, pp.477-483, 2016 (SCI-Expanded)
- XLIII. **Electrical and impedance properties of composites: Volcanic basalt rocks**
Yeşilkaya S. S., Ozdemir Z., Canli N., Yıldız A., İçelli O., Okutan M.
COMPOSITES PART B-ENGINEERING, vol.95, pp.488-492, 2016 (SCI-Expanded)
- XLIV. **Electrical and mechanical properties of LDPE/PANI composites**
Alkan U., Kılıç M., Karabul Y., Yamak H., Okutan M., İçelli O.
JOURNAL OF NANOELECTRONICS AND OPTOELECTRONICS, vol.11, pp.343-348, 2016 (SCI-Expanded)
- XLV. **Effect of boric acid doped PEDOT:PSS layer on the performance of P3HT: PCBM based organic solar cells**
YAĞCI Ö., YEŞİLKAYA S. S., Yuksel S., Ongul F., VARAL N. M., KUS M., GÜNEŞ S., İÇELLİ O.
SYNTHETIC METALS, vol.212, pp.12-18, 2016 (SCI-Expanded)
- XLVI. **Study of the electron densities of some food products dried using the new method**
Nuroglu E., Bursalioglu E. O., Karabul Y., Bakırdere S., İçelli O.
DRYING TECHNOLOGY, vol.34, pp.1445-1454, 2016 (SCI-Expanded)
- XLVII. **Computation of EABF and EBF for basalt rock samples**
KARABUL Y., Susam L. A., İÇELLİ O., Eyecioglu O.
NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT, vol.797, pp.29-36, 2015 (SCI-Expanded)
- XLVIII. **Surface and electrical properties of electro-coagulated thermal waste**
Yeşilkaya S. S., Okutan M., İçelli O., Yalçın Z.
High Temperature Materials and Processes, vol.34, no.3, pp.285-290, 2015 (SCI-Expanded)
- XLIX. **Electrical behavior of probertite by dielectric spectroscopy**
Okutan M., Yalçın Z., İçelli O., Ay F., Boncukcuoglu R., Artun O., Delipinar D.
High Temperature Materials and Processes, vol.33, no.6, pp.545-552, 2014 (SCI-Expanded)
- L. **Dielectric characterization of electro-coagulated boron waste**
Okutan M., Kavanoz H. B., İçelli O., Yalçın Z., Ay F., Delipinar D., Yakuphanoglu F.

VACUUM, vol.101, pp.298-300, 2014 (SCI-Expanded)

- LI. **Photon parameters for gamma-rays sensing properties of some thick oxide films**
Kavanoz H. B., Yağci Ö., Yalçın Z., İçelli O., Altındal A., Okutan M., Mann K. S.
VACUUM, vol.101, pp.238-245, 2014 (SCI-Expanded)
- LII. **Effect of physical, chemical and electro-kinetic properties of pumice samples on radiation shielding properties of pumice material**
Tapan M., YALÇIN Z., İÇELLİ O., Kara H., Orak S., Özvan A., Depci T.
ANNALS OF NUCLEAR ENERGY, vol.65, pp.290-298, 2014 (SCI-Expanded)
- LIII. **Resistivity, ESR, and Radiation Shielding Properties of the Volcanic Rock Materials**
Nuhoglu Ç., Tapan M., Okutan M., Aydın S., Yalçın Z., İçelli O., Kavanoz H. B., Orak S.
ADVANCES IN CONDENSED MATTER PHYSICS, 2014 (SCI-Expanded)
- LIV. **Energy Absorption and Exposure Buildup Factors of Essential Amino Acids**
Bursalıoğlu E., Balkan B., Kavanoz H. B., Okutan M., İçelli O., Yalçın Z.
BIOMED RESEARCH INTERNATIONAL, 2014 (SCI-Expanded)
- LV. **Electrical and optical properties of chalcedony and striped chalcedony**
Cetin A., Okutan M., İçelli O., Yalçın Z., San S. E., Kibar R., Pesen E.
VACUUM, vol.97, pp.75-80, 2013 (SCI-Expanded)
- LVI. **Investigation of shielding properties of some boron compounds**
İÇELLİ O., Mann K. S., YALÇIN Z., Orak S., KARAKAYA V.
ANNALS OF NUCLEAR ENERGY, vol.55, pp.341-350, 2013 (SCI-Expanded)
- LVII. **Measurement of K-shell absorption jump factors and jump ratios in some lanthanide elements using EDXRF technique**
POLAT R., İÇELLİ O., YALÇIN Z., Pesen E., Orak S.
ANNALS OF NUCLEAR ENERGY, vol.54, pp.267-273, 2013 (SCI-Expanded)
- LVIII. **A different perspective to the effective atomic number (Z_{eff}) for some boron compounds and trommel sieve waste (TSW) with a new computer program ZXCUM**
YALÇIN Z., İÇELLİ O., OKUTAN M., Boncukcuoğlu R., Artun O., Orak S.
NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT, vol.686, pp.43-47, 2012 (SCI-Expanded)
- LIX. **Determination of photon energy absorption parameters for pellet waste, trommel sieve waste and original tinalconite**
İçelli O., Yalçın Z., Okutan M., Boncukcuoğlu R.
ANNALS OF NUCLEAR ENERGY, vol.47, pp.38-45, 2012 (SCI-Expanded)
- LX. **Photon energy absorption parameters for composite mixtures with boron compounds**
Bastug A., İÇELLİ O., GÜROL A., Sahin Y.
ANNALS OF NUCLEAR ENERGY, vol.38, no.10, pp.2283-2290, 2011 (SCI-Expanded)
- LXI. **X-ray spectroscopic evaluation of zinc at different applied pressure**
İÇELLİ O.
INTERNATIONAL JOURNAL OF PHYSICAL SCIENCES, vol.6, no.24, pp.5837-5842, 2011 (SCI-Expanded)
- LXII. **The determination of the total mass attenuation coefficients and the effective atomic numbers for concentrated colemanite and Emet colemanite clay**
İçelli O., Yalçın Z., Okutan M., Boncukcuoğlu R., Sen A.
ANNALS OF NUCLEAR ENERGY, vol.38, pp.2079-2085, 2011 (SCI-Expanded)
- LXIII. **Determination of transmission factors of concretes with different water/cement ratio, curing condition, and dosage of cement and air entraining agent**
ŞAHİN R., POLAT R., İÇELLİ O., ÇELİK C.
ANNALS OF NUCLEAR ENERGY, vol.38, no.7, pp.1505-1511, 2011 (SCI-Expanded)
- LXIV. **The absorption jump factor of effective atomic number and electronic density for some barium compounds**
POLAT R., YALÇIN Z., İÇELLİ O.
NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS

- DETECTORS AND ASSOCIATED EQUIPMENT, vol.629, no.1, pp.185-191, 2011 (SCI-Expanded)
- LXV. **A new term "J(zeff)" derived from measured total attenuation coefficients of photons near the absorption edges of some compounds**
POLAT R., İÇELLİ O.
NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS
DETECTORS AND ASSOCIATED EQUIPMENT, vol.621, pp.358-363, 2010 (SCI-Expanded)
- LXVI. **Effective atomic numbers of some composite mixtures including borax**
Bastug A., GÜROL A., İÇELLİ O., Sahin Y.
ANNALS OF NUCLEAR ENERGY, vol.37, no.7, pp.927-933, 2010 (SCI-Expanded)
- LXVII. **Measurement of the effective atomic numbers of compounds with cerium near to the absorption edge**
POLAT R., İÇELLİ O.
NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS
DETECTORS AND ASSOCIATED EQUIPMENT, vol.615, no.2, pp.201-210, 2010 (SCI-Expanded)
- LXVIII. **An experimental study on the linear differential scattering coefficients of the Trommel Sieve Waste (TSW)**
İÇELLİ O., Boncukcuoglu R.
ANNALS OF NUCLEAR ENERGY, vol.37, no.2, pp.196-200, 2010 (SCI-Expanded)
- LXIX. **An experimental study on the linear differential scattering coefficients of the GaAs, n- and p-type Si**
Icelli O., Cankaya G., Cetin A.
NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS
DETECTORS AND ASSOCIATED EQUIPMENT, vol.605, no.3, pp.359-363, 2009 (SCI-Expanded)
- LXX. **Measurement of effective atomic numbers of holmium doped and undoped layered semiconductors via transmission method around the absorption edge**
Icelli O.
NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS
DETECTORS AND ASSOCIATED EQUIPMENT, vol.600, no.3, pp.635-639, 2009 (SCI-Expanded)
- LXXI. **Measurements of the total molecular differential attenuation coefficients of some compounds for scattering of gamma-rays**
Icelli O.
ANNALS OF NUCLEAR ENERGY, vol.35, no.12, pp.2327-2331, 2008 (SCI-Expanded)
- LXXII. **Determination of molecular, atomic, electronic cross-sections and effective atomic number of some boron compounds and TSW**
Icelli O., Erzeneoglu S., Boncukcuoglu R.
NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH
MATERIALS AND ATOMS, vol.266, no.14, pp.3226-3230, 2008 (SCI-Expanded)
- LXXIII. **Effective atomic numbers of polypyrrole via transmission method in the energy range 15.74-40.93 keV**
Icelli O., Erzeneoglu S., SAĞLAM M.
ANNALS OF NUCLEAR ENERGY, vol.35, no.3, pp.432-437, 2008 (SCI-Expanded)
- LXXIV. **Measurement of mass attenuation coefficients for holmium doped and undoped layered semiconductors InSe at different energies and the validity of mixture rule for crystals around the absorption edge**
Erzeneoglu S., Icelli O., Gurbulak B., Ates A.
JOURNAL OF QUANTITATIVE SPECTROSCOPY & RADIATIVE TRANSFER, vol.102, no.3, pp.343-347, 2006 (SCI-Expanded)
- LXXV. **Practical method for experimental effective atomic number in the coherent to Compton scattering ratio**
Icelli O.
JOURNAL OF QUANTITATIVE SPECTROSCOPY & RADIATIVE TRANSFER, vol.101, no.1, pp.151-158, 2006 (SCI-Expanded)

- LXXVI. **Effects on measurement of photon-atom scattering of applied pressures on sample at different thickness**
Icelli O., ERZENEGLU S.
JOURNAL OF QUANTITATIVE SPECTROSCOPY & RADIATIVE TRANSFER, vol.97, no.1, pp.34-40, 2006 (SCI-Expanded)
- LXXVII. **Comparison of radioactive transmission and mechanical properties of Portland cement and a modified cement with trommel sieve waste**
Boncukcuglu R., Icelli O., Erzeneoglu S., Kocakerim M.
CEMENT AND CONCRETE RESEARCH, vol.35, no.6, pp.1082-1087, 2005 (SCI-Expanded)
- LXXVIII. **Effective atomic numbers for CoCuNi alloys using transmission experiments**
Icelli O., ERZENEGLU S., KARAHAN I., CANKAYA G.
JOURNAL OF QUANTITATIVE SPECTROSCOPY & RADIATIVE TRANSFER, vol.91, no.4, pp.485-491, 2005 (SCI-Expanded)
- LXXIX. **Measurements of molecular scattering differential cross sections of some Ba compounds**
Icelli O., Erzeneoglu S.
PHYSICA SCRIPTA, vol.71, no.4, pp.344-348, 2005 (SCI-Expanded)
- LXXX. **Mass attenuation coefficients for n-type InSe, InSe : Gd, InSe : Ho and InSeEr single crystals**
Icelli O., ERZENEGLU S., GURBULAK B.
JOURNAL OF QUANTITATIVE SPECTROSCOPY & RADIATIVE TRANSFER, vol.90, pp.399-407, 2005 (SCI-Expanded)
- LXXXI. **An experimental study on linear differential scattering coefficients of the radioactive compounds $UO_2(C_2H_3O_2)_2 \cdot 2H_2O$ and $Th(NO_3)_4 \cdot 5H_2O$ at 60 keV**
Icelli O.
ANNALS OF NUCLEAR ENERGY, vol.31, no.18, pp.2157-2168, 2004 (SCI-Expanded)
- LXXXII. **The mass attenuation coefficients in some vanadium and nickel compounds**
Icelli O., Erzeneoglu S.
JOURNAL OF QUANTITATIVE SPECTROSCOPY & RADIATIVE TRANSFER, vol.88, no.4, pp.519-524, 2004 (SCI-Expanded)
- LXXXIII. **Effective atomic numbers of some vanadium and nickel compounds for total photon interactions using transmission experiments**
Icelli O., Erzeneoglu S.
JOURNAL OF QUANTITATIVE SPECTROSCOPY & RADIATIVE TRANSFER, vol.85, no.2, pp.115-124, 2004 (SCI-Expanded)
- LXXXIV. **New method to measure the K-shell absorption jump factor in some rare-earth elements**
Polat R., Icelli O., Budak G.
ANALYTICA CHIMICA ACTA, vol.505, no.2, pp.307-314, 2004 (SCI-Expanded)
- LXXXV. **Experimental studies on measurements of mass attenuation coefficients of boric acid at different concentration**
Icelli O., Erzeneoglu S., Boncukcuoglu R.
ANNALS OF NUCLEAR ENERGY, vol.31, no.1, pp.97-106, 2004 (SCI-Expanded)
- LXXXVI. **A new method for the determination of molecular scattering differential cross sections in some lanthanide compounds with energy dispersive X-ray fluorescence system**
Icelli O., Erzeneoglu S.
NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS, vol.215, pp.9-15, 2004 (SCI-Expanded)
- LXXXVII. **Measurement of X-ray transmission factors of some boron compounds**
Icelli O., Erzeneoglu S., Boncukcuoglu R.
RADIATION MEASUREMENTS, vol.37, no.6, pp.613-616, 2003 (SCI-Expanded)
- LXXXVIII. **Measurement of mass attenuation coefficients of some boron compounds and the trommel sieve waste in the energy range 15.746-40.930 keV**
Icelli O., Erzeneoglu S., Boncukcuoglu R.
JOURNAL OF QUANTITATIVE SPECTROSCOPY & RADIATIVE TRANSFER, vol.78, no.2, pp.203-210, 2003 (SCI-

- Expanded)
- LXXXIX. **Experimental studies on the K beta/K alpha intensity ratio of Zn at different thickness and pressure**
Icelli O., Erzeneoglu S.
JOURNAL OF QUANTITATIVE SPECTROSCOPY & RADIATIVE TRANSFER, vol.83, no.2, pp.229-236, 2003 (SCI-Expanded)
- XC. **Pressure effect on the K beta/K alpha intensity ratio of Zn**
Icelli O., Erzeneoglu S.
NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS, vol.197, pp.39-42, 2002 (SCI-Expanded)
- XCI. **Measurement of coherent plus incoherent scattering differential cross-section of 59.5 keV gamma-rays from gold**
Icelli O., Erzeneoglu S.
JOURNAL OF QUANTITATIVE SPECTROSCOPY & RADIATIVE TRANSFER, vol.74, no.4, pp.531-537, 2002 (SCI-Expanded)
- XCII. **Experimental study on ratios of coherent scattering to Compton scattering for elements with atomic numbers $26 \leq Z \leq 82$ in 59.5 keV for 55 degrees and 115 degrees**
Icelli O., Erzeneoglu S.
SPECTROCHIMICA ACTA PART B-ATOMIC SPECTROSCOPY, vol.57, no.8, pp.1317-1323, 2002 (SCI-Expanded)
- XCIII. **Coherent scattering of 59.5 keV gamma-rays by Au-79 through angles from 45 degrees to 125 degrees**
Icelli O., Erzeneoglu S.
SPECTROCHIMICA ACTA PART B-ATOMIC SPECTROSCOPY, vol.56, no.3, pp.331-335, 2001 (SCI-Expanded)
- XCIV. **Measurement of the incoherent scattering functions**
Yalcin P., Kurucu Y., Icelli O., Erzeneoglu S., Sahin Y.
RADIATION PHYSICS AND CHEMISTRY, vol.58, no.4, pp.325-329, 2000 (SCI-Expanded)
- XCV. **Experimental studies on atomic form factors at 2.216 angstrom(-1) photon momentum transfer**
Erzeneoglu S., Icelli O., Yalcin P., Kurucu Y., Sahin M.
JOURNAL OF TRACE AND MICROPROBE TECHNIQUES, vol.18, no.3, pp.361-367, 2000 (SCI-Expanded)
- XCVI. **L-subshell fluorescence cross sections and L-subshell fluorescence yields in elements $68 \leq Z \leq 92$ by 59.5 keV photons**
Sahin M., Demir L., Sogut O., Ertugrul M., Icelli O.
JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS, vol.33, no.1, pp.93-98, 2000 (SCI-Expanded)
- XCVII. **Measurement of differential cross sections for coherent scattering of 59.5 keV gamma rays in the atomic range $26 \leq Z \leq 82$**
Erzeneoglu S., Icelli O., Sahin Y.
SPECTROSCOPY LETTERS, vol.32, no.4, pp.623-628, 1999 (SCI-Expanded)

Articles Published in Other Journals

- I. **Volcanic Rock Reinforced Epoxy Composites for Gamma Ray Shielding**
Kara H., Karabul Y., Kılıç M., İçelli O., Güven Özdemir Z.
Avrupa Bilim ve Teknoloji Dergisi, vol.15, pp.552-560, 2019 (Peer-Reviewed Journal)
- II. **The Effects of PANI Concentration on the Mechanical Properties of PP/PANI Composites**
Kılıç M., Alkan Ü., Karabul Y., Berber Yamak H., İçelli O.
Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.18, pp.426-433, 2018 (Peer-Reviewed Journal)
- III. **PT/BORAX COMPOSITE AS A HIGH DIELECTRIC CONSTANT MATERIAL WITH LOWER DIELECTRIC LOSS**
KILIÇ M., KARABUL Y., GÜVEN ÖZDEMİR Z., İÇELLİ O.

ANADOLU UNIVERSITY JOURNAL OF SCIENCE AND TECHNOLOGY - A APPLIED SCIENCES AND ENGINEERING, vol.18, no.5, pp.1089-1097, 2017 (Peer-Reviewed Journal)

- IV. **PT/BORAX COMPOSITE AS A HIGH DIELECTRIC CONSTANT MATERIAL WITH LOWER DIELECTRIC LOSS**
Kılıç M., Karabul Y., Güven Özdemir Z., İçelli O.
ANADOLU UNIVERSITY JOURNAL OF SCIENCE AND TECHNOLOGY - A Applied Sciences and Engineering, vol.18, no.5, pp.1089-1097, 2017 (Peer-Reviewed Journal)
- V. **Artificial Neural Networks Study on Prediction of Dielectric Permittivity of Basalt/PANI Composites**
Eyecioğlu Ö., Kılıç M., Karabul Y., Alkan Ü., İçelli O.
International Journal of Engineering Technologies, IJET, vol.2, no.2, pp.42-48, 2016 (Peer-Reviewed Journal)
- VI. **Artificial Neural Networks Study on Prediction of Dielectric Permittivity of Basalt PANI Composites**
Eyecioğlu Ö., Karabul Y., Alkan Ü., Kılıç M., İçelli O.
International Journal of Engineering Technologies, vol.2, no.2, pp.42-48, 2016 (Peer-Reviewed Journal)
- VII. **Photon atomic parameters of nonessential amino acids for radiotherapy and diagnostics.**
Bursalıoğlu E., İçelli O., Balkan B., Kavanoz H. B., Okutan M.
Journal of amino acids, vol.2014, pp.434519, 2014 (Peer-Reviewed Journal)
- VIII. **The novel terms on the basis of some photon interaction parameters for some barium compounds**
PESEN E., POLAT R., İCELLİ O., YALÇIN Z., ORAK S.
INTERNATIONAL JOURNAL OF PHYSICAL SCIENCES, vol.7, no.40, pp.5527-5537, 2012 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **STEM Dersi Nasıl İşlenir?**
NEZİROVİC M., MÜKERREM M., GÖKHAN D., İÇELLİ O.
Hazarfen, İstanbul, 2018
- II. **TEKNOLOJİ VETASARIM EĞİTİMİNDE YARATICI TASARIM DESENLERİ**
İçelli O., Polat R., Sülün A.
Maya Yayın Dağıtım, Ankara, 2009
- III. **Fen Eğitiminde Yaratıcı Proje Desenleri-II**
İçelli O., Polat R., Sülün A.
Maya Yayın Dağıtım, Ankara, 2008
- IV. **FEN EĞİTİMİNDE YARATICI DRAMA DESENLERİ**
İçelli O., Polat R., Sülün A.
Maya Yayın Dağıtım, Ankara, 2008
- V. **FEN BİLGİSİ LABRATUVAR UYGULAMALARINDA YARATICI PROJE DESENLERİ-I**
İçelli O., Polat R., Sülün A.
Maya Yayın Dağıtım, Ankara, 2007

Refereed Congress / Symposium Publications in Proceedings

- I. **XRF SPECTROSCOPY ANALYSIS OF CEMENT VIA MCNP SIMULATIONS**
Yavaş K., TOKER O., Özşahin Toker M., AKÇALI Ö., İÇELLİ O.
TURKISH PHYSICAL SOCIETY 39TH INTERNATIONAL PHYSICS CONGRESS, Muğla, Turkey, 31 August - 04 September 2023
- II. **TUMOUR VOLUME ESTIMATION WITH ARTIFICIAL INTELLIGENCE AND OPTIMUM RADIATION APPLICATION**
Kemal Z., TOKER O., AKÇALI Ö., İÇELLİ O.
TURKISH PHYSICAL SOCIETY 39TH INTERNATIONAL PHYSICS CONGRESS, Muğla, Turkey, 31 August - 04 September 2023

- III. **MAPPING DOSE DISTRIBUTION OF AN ANGIOGRAPHY CHAMBER WITH MCNP**
Hışıroğlu Ayar K., Keskin U., Özşahin Toker M., TOKER O., İÇELLİ O.
TURKISH PHYSICAL SOCIETY 39TH INTERNATIONAL PHYSICS CONGRESS, Muğla, Turkey, 31 August - 04 September 2023
- IV. **COMPARISON OF COMPOSITE AND MULTILAYERED SHIELDING MATERIALS ON MCNP SIMULATIONS**
Yavaş K., TOKER O., Özşahin Toker M., AKÇALI Ö., İÇELLİ O.
TURKISH PHYSICAL SOCIETY 39TH INTERNATIONAL PHYSICS CONGRESS, Muğla, Turkey, 31 August - 04 September 2023
- V. **GTV PREDICTION WITH MACHINE LEARNING**
Kemal Z., Konuk M., TOKER O., İÇELLİ O.
TURKISH PHYSICAL SOCIETY 39TH INTERNATIONAL PHYSICS CONGRESS, Muğla, Turkey, 31 August - 04 September 2023
- VI. **INPGEN – A SUPPORTIVE SOFTWARE FOR MONTE CARLO N PARTICLE SIMULATIONS**
Eminoğlu H. F., TOKER O., AKÇALI Ö., İÇELLİ O.
TURKISH PHYSICAL SOCIETY 39TH INTERNATIONAL PHYSICS CONGRESS, Muğla, Turkey, 31 August - 04 September 2023
- VII. **OBTAINING DOSE ENHANCEMENT FACTORS OF SOME DRUGS VIA MCNP**
Eminoğlu H. F., Yakut Y., TOKER O., Özşahin Toker M., İÇELLİ O.
TURKISH PHYSICAL SOCIETY 39TH INTERNATIONAL PHYSICS CONGRESS, Muğla, Turkey, 31 August - 04 September 2023
- VIII. **COMPARATIVE ANALYSIS OF EXPERIMENTAL AND SIMULATED X-RAY FLUORESCENCE SPECTRA OF STAINLESS STEELS**
Keskin U., Özşahin Toker M., TOKER O., AKÇALI Ö., İÇELLİ O.
TURKISH PHYSICAL SOCIETY 39TH INTERNATIONAL PHYSICS CONGRESS, Muğla, Turkey, 31 August - 04 September 2023
- IX. **Investigation of the effect of flattening filters on photon spectra in medical linac with MCNP 6.2**
Duha A., BİLMEZ B., TOKER O., BAŞTUĞ A., İÇELLİ O.
2nd International Dicle Scientific Studies and Innovation Congress, 2022, Diyarbakır, Türkiye, Diyarbakır, Turkey, 28 May 2022, pp.546-556
- X. **A Monte Carlo Simulation Study of Na₂Si₃O₇ / Bi₂O₃ / B₂O₃ /Sb₂O₃ quaternary glassy composites for radiation shielding**
AKÇALI Ö., KAVANOZ H. B., TOKER O., BİLMEZ B., ÇAĞLAR M., YILMAZ M., İÇELLİ O.
Eighth Bozok Workshop, Yozgat, Turkey, 25 - 27 July 2019
- XI. **An investigation of ternary composites as gamma ray shielding material by Monte Carlo simulation and BXCOS**
KAVANOZ H. B., AKÇALI Ö., TOKER O., BİLMEZ B., YILMAZ M., ÇAĞLAR M., İÇELLİ O.
Eighth Bozok Science Workshop, Yozgat, Turkey, 25 - 27 July 2019
- XII. **The Device Design for Thin-Film Coating That Combines Different Techniques for High Efficiency**
Özşahin Toker M., TOKER O., KILIÇ M., BAKIRDERE S., İÇELLİ O.
Balkan 1. Uluslararası Uygulamalı Bilimler Kongresi, Edirne, Turkey, 5 - 07 April 2019
- XIII. **Comparison of The Structural and AC Impedance Properties of PIn/Na₂SiO₃ and PIn/Na₂B₄O₇ Composites**
İncedal İ., Erdönmez S., Karabul Y., Kılıç M., İçelli O., Güven Özdemir Z.
Balkan 1. Uluslararası Uygulamalı Bilimler Kongresi, Edirne, Turkey, 5 - 07 April 2019, pp.37-38
- XIV. **Enhanced Conductivity at PPy with the Addition of Tungsten Based Oxide Nanoparticles**
Erdönmez S., Topuz S., Karabul Y., Kılıç M., İçelli O., Güven Özdemir Z.
Balkan 1. Uluslararası Uygulamalı Bilimler Kongresi, Edirne, Turkey, 5 - 07 April 2019, pp.6-7
- XV. **AC Electrical Parameters of Polyindole/Volcanic Rock Composites**
Keskin U., Erdönmez S., Karabul Y., Kılıç M., İçelli O., Güven Özdemir Z.
Balkan 1. Uluslararası Uygulamalı Bilimler Kongresi, Edirne, Turkey, 5 - 07 April 2019, pp.4-5
- XVI. **The Complex Permittivity and AC Conductivity Analysis of PIn/Nano Structured WO₃ Composites**

- Erdönmez S., Ongun İ. E., Karabul Y., Kılıç M., İçelli O., Güven Özdemir Z.
Balkan 1. Uluslararası Uygulamalı Bilimler Kongresi, Edirne, Turkey, 5 - 07 April 2019, pp.9-10
- XVII. The Influence of Nano Structured Tungsten Oxide Additive On The Impedance Spectrum of Polythiophene**
Erdönmez S., Karabul Y., Kılıç M., İçelli O., Güven Özdemir Z.
3rd International Conference on Organic Electronic Material Technologies (OEMT2018), Kırklareli, Turkey, 20 - 22 September 2018, pp.152
- XVIII. Mechanical Performance of PP/BiSr₂CaCu₂O_{6.5} Composites**
Alkan Ü., Kılıç M., Erdönmez S., Karabul Y., Güven Özdemir Z., İçelli O.
3rd International Conference on Organic Electronic Material Technologies (OEMT2018), Kırklareli, Turkey, 20 - 22 September 2018, pp.154
- XIX. Complex Impedance and Dielectric Spectra of Epoxy/Kufeki Stone Composites**
TOPUZ S., KARABUL Y., KILIÇ M., GÜVEN ÖZDEMİR Z., İÇELLİ O.
Turkish Physical Society 34th International Physical Congress, 5 - 09 September 2018
- XX. As A Negative Dielectric Constant Material: Eu_{0.7}Bi_{0.3}Sr₂CaCu₂O_{6.5}**
KATMA C., KARABUL Y., KILIÇ M., GÜVEN ÖZDEMİR Z., İÇELLİ O.
Turkish Physical Society 34th International Physical Congress, 5 - 09 September 2018
- XXI. Radiation Shielding Ability of Basalt Reinforced Epoxy**
KARA H., KARABUL Y., KILIÇ M., GÜVEN ÖZDEMİR Z., İÇELLİ O.
Turkish Physical Society 34th International Physical Congress, 5 - 09 September 2018
- XXII. Prediction Of Breast Cancer Pattern Using Artificial Neural Network Algorithms**
TOKER O., ALP S., EYECİOĞLU Ö., TOPDAĞI Ö., BEKEN M., ÖZ E., İÇELLİ O.
International Conference Series Theoretical and Experimental Studies in Nuclear Applications and Technology, 20 - 22 April 2018
- XXIII. Investigation of gamma-ray shielding parameters of Na₂Si₃O₇/Bi₂O₃ glassy composites**
DEMİRBAŞ T., KARABUL Y., KILIÇ M., GÜVEN ÖZDEMİR Z., İÇELLİ O.
Theoretical and Experimental Studies in Nuclear Applications and Technology, 20 - 22 April 2018
- XXIV. Classification of breast cancer patients' blood samples using machine learning algorithms**
TOKER O., ALP S., TOPDAĞI Ö., EYECİOĞLU Ö., BEKEN M., ÖZ E., İÇELLİ O.
Theoretical and Experimental Studies in Nuclear Applications and Technology, 20 April 2018
- XXV. As a Shielding Glassy Structures Against Gamma Rays: Epoxy/PbO And Epoxy/BaO Composites**
Ergin Y., Karabul Y., Kılıç M., Güven Özdemir Z., İçelli O.
Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT 2018), Antalya, Turkey, 20 - 22 April 2018, pp.54
- XXVI. X-ray shielding performance of sodium metasilicate/barium oxide glassy composites**
KAYACIK H., KARABUL Y., KILIÇ M., GÜVEN ÖZDEMİR Z., İÇELLİ O.
Theoretical and Experimental Studies in Nuclear Applications and Technology, 20 April 2018
- XXVII. Investigation of g-Ray Shielding Parameters of Na₂Si₃O₇/Bi₂O₃ Glassy Composites**
Demirbaş T., Karabul Y., Kılıç M., Güven Özdemir Z., İçelli O.
Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT 2018), Antalya, Turkey, 20 - 22 April 2018, pp.55
- XXVIII. X-Ray Shielding Performance of Sodium Silicate/Barium Oxide Glassy Composites**
Kayacık H., Karabul Y., Kılıç M., Güven Özdemir Z., İçelli O.
Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT 2018), Antalya, Turkey, 20 - 22 April 2018, pp.53
- XXIX. The ANFIS as a Prediction Method of Efficiency of PV Cells**
Beken M., Kayisli K., Eyecioglu O., Yağcı Ö., İÇELLİ O.
7th International Conference on Renewable Energy Research and Applications (ICRERA), Paris, France, 14 - 17 October 2018, pp.1389-1391
- XXX. Effect of Boric Acid Doped Pedot:PSS Layer on the Photovoltaic Parameters of P3HT:PCBM Based PV Cell**

Eyecioglu O., Beken M., Yağcı Ö., İÇELLİ O.

7th International Conference on Renewable Energy Research and Applications (ICRERA), Paris, France, 14 - 17 October 2018, pp.973-975

- XXXI. **Investigation of the variations in Se, Cr, Mn, Zn, Co, Na, K concentrations in blood samples of breast cancer patients**
Toker O., Topdağı Ö., Bakırdere S., Bursalıoğlu E. O., Öz E., Eyecioglu Ö., Karabul Y., Çağlar M., İçelli O.
International Advanced Researches and Engineering Congress, Osmaniye, Turkey, 16 - 18 November 2017, pp.2713
- XXXII. **Study of electron density via some elements in breast cancer patients' blood samples**
Toker O., Topdağı Ö., Bakırdere S., Bursalıoğlu E. O., Öz E., Eyecioglu Ö., Karabul Y., Çağlar M., İçelli O.
International Advanced Researches and Engineering Congress, Osmaniye, Turkey, 16 - 18 November 2017, pp.2714
- XXXIII. **İntraoperatif Radyoterapi Doz Hesaplama Sisteminde Kullanılan Transfer Katsayılarının Monte Carlo Simülasyonu ile Doğrulanması**
İÇELLİ O., Çağlar M., Eşitmez D., Cebe M. S., Demir H. A.
Ulusal Medikal Fizik Kongresi, Antalya, Turkey, 28 October 2017, pp.1
- XXXIV. **LDPE/ PP Composites: Dielectric and Mechanical Properties Under Low Level Radiation**
KILIÇ M., Alkan Ü., GÜVEN ÖZDEMİR Z., KARABUL Y., Çağlar M., İÇELLİ O.
2nd International Conference on Material Science and Technology in Cappadocia (IMSTEC'17), Nevşehir, Turkey, 11 October 2017, pp.321
- XXXV. **Sodium Silicate/Wolfram Glassy Composites: Investigation of Shielding and Dielectric Parameters**
KARABUL Y., KILIÇ M., GÜVEN ÖZDEMİR Z., Çağlar M., İÇELLİ O.
2nd International Conference on Material Science and Technology in Cappadocia (IMSTEC'17), Nevşehir, Turkey, 11 October 2017, pp.169
- XXXVI. **Investigation of Shielding Properties: Sodium Silicate/Kufeki Glassy Structure**
BULGURCUOĞLU A. E., KARABUL Y., KILIÇ M., ÇAĞLAR M., GÜVEN ÖZDEMİR Z., İÇELLİ O.
2nd International Conference on Material Science and Technology in Cappadocia (IMSTEC'17), 11 - 13 October 2017, pp.256
- XXXVII. **Mechanical and Dielectric Characterization of Polypropylene/Basalt Films Under Gamma-Ray Irradiation**
KARABUL Y., ALKAN Ü., KILIÇ M., GÜVEN ÖZDEMİR Z., İÇELLİ O.
2nd International Conference on Material Science and Technology in Cappadocia (IMSTEC'17), 11 - 13 October 2017
- XXXVIII. **Temperature Dependent Dielectric Properties of EuxBi1-xSr2CaCu2O6.5 (x=0, 0.3, 0.5) Ceramic Composites**
KILIÇ M., GÜVEN ÖZDEMİR Z., KARABUL Y., İÇELLİ O.
2nd International Conference on Material Science and Technology in Cappadocia (IMSTEC'17), 11 - 13 October 2017
- XXXIX. **Enhance of The Radiation Shielding Performance of Concrete with Kufeki Stone Additive**
Bulgurcuoğlu A. E., Çağlar M., Karabul Y., Kılıç M., Güven Özdemir Z., İçelli O.
2nd International Conference on Material Science and Technology in Cappadocia (IMSTEC'17), Nevşehir, Turkey, 11 - 13 October 2017, pp.353
- XL. **Mechanical and Dielectric Properties of Low Density Polyethylene/Borax Compsites**
Alkan Ü., Kılıç M., Karabul Y., İçelli O.
Turkish Physical Society 33rd International Physics Congress, Muğla, Turkey, 06 September 2017, pp.177
- XLI. **Mechanical and Dielectric Properties of Polypropylene Composites Filled Borax**
Alkan Ü., Kılıç M., Karabul Y., İçelli O.
Turkish Physical Society 33rd International Physics Congress, Muğla, Turkey, 06 September 2017, pp.515
- XLII. **The Effect of PANI on the PP Thick Film in terms of Dielectric and Mechanical Properties**
Kılıç M., Alkan Ü., Karabul Y., İçelli O.
2nd International Congress on the World of Technology and Advanced Materials (WITAM-2016), Kırşehir, Turkey,

28 September - 02 October 2016

- XLIII. **Eu-Ba-Ca-Cu-O Perovskite Material as a Negative Temperature Coefficient Thermistor**
Güven Özdemir Z., Kılıç M., Karabul Y., Süngü Mısırlıoğlu B., Aslan Çataltepe Ö., İçelli O.
2nd International Congress on The World of Technology and Advanced Materials (WITAM-2016), Kırşehir, Turkey,
28 September - 02 October 2016, pp.160
- XLIV. **Temperature Dependence of Dielectric Properties and Electrical Conductivity of EuBa₂Ca₂Cu₃O_{9-x}**
Güven Özdemir Z., Kılıç M., Karabul Y., Süngü Mısırlıoğlu B., Aslan Çataltepe Ö., İçelli O.
2nd International Congress on The World of Technology and Advanced Materials (WITAM-2016), Kırşehir, Turkey,
28 September - 02 October 2016, pp.161
- XLV. **Development of Sodium Silicate Bismuth Glass as a Radiation Shielding**
Karabul Y., Kılıç M., İçelli O.
2nd International Congress on the World of Technology and Advanced Materials (WITAM-2016), Kırşehir, Turkey,
28 September - 02 October 2016
- XLVI. **Effect of Low Dose Gamma Radiation on Boricacid doped PEDOT PSS films**
YAĞCI Ö., YEŞİLKAYA S. S., İÇELLİ O.
TFD 32 International Physics ConferenceI, 6 - 09 September 2016
- XLVII. **Use of boron mineral wastes in the photovoltaic applications**
YAĞCI Ö., YEŞİLKAYA S. S., İÇELLİ O.
TFD31, 21 - 24 July 2016
- XLVIII. **Determination of Radiation Shielding and Dielectric Properties on Sodium Silicate/Tungsten Glass Structure**
Kılıç M., Karabul Y., Alkan Ü., Okutan M., Bakırdere S., İçelli O.
2nd International Conference on Organic Electronic Material Technologies (OEMT-2016), Çanakkale, Turkey, 17
May 2016, pp.102
- XLIX. **Magnetic Field Effect on Electrical Properties of Conducting PANI Cu Composites**
KARABUL Y., KILIÇ M., OKUTAN M., BAKIRDERE S., İÇELLİ O.
oemt2016, 17 - 19 May 2016
- L. **Impedance Properties of Conducting Polymers Basalt Composites Under Magnetic Field**
Bulgurcuoğlu A. E., Erdönmez S., Karabul Y., Kılıç M., Yılmaz Canlı N., İçelli O., Okutan M.
2nd International Conference on Organic Electronic Material Technologies (OEMT-2016), Çanakkale, Turkey, 17 -
19 May 2016, pp.1-2
- LI. **Dielectric Characterization of Conducting Polymers/Borax Composites**
Kılıç M., Karabul Y., Erdönmez S., Bulgurcuoğlu A. E., Yağci Ö., Alkan Ü., Okutan M., İçelli O.
2nd International Conference on Organic Electronic Material Technologies (OEMT-2016), Çanakkale, Turkey, 17 -
19 May 2016
- LII. **A Comprehensive Study on Dielectric Properties of Volcanic Rock/PANI Composites**
Kılıç M., Karabul Y., Okutan M., İçelli O.
1st International Physics Conference at the Anatolian Peak, IPCAP 2016, Erzurum, Turkey, 25 - 27 February 2016,
vol.707
- LIII. **The Study of the Electron Densities of Some Food Products for Different Drying Technics**
NUROĞLU E., BAKIRDERE S., İÇELLİ O.
1st International Physics Conference at the Anatolian Peak at the Anatolian Peak, Erzurum, Turkey, 25 - 27
February 2016
- LIV. **Correlation between ratio of Na K Se Zn K P Cu Zn Se Fe Ca P at breast cancer patients blood samples which exposed to radiation and their electron density**
Toker O., KARABUL Y., BURSALIOĞLU E. O., BAKIRDERE S., İÇELLİ O., Saribal Kanber D.
The first International Physics Conference at the Anatolian Peak, Erzurum, Turkey, 25 February 2016, pp.294
- LV. **Dielectric Characterization of Some Basalt Materials under Magnetic Field**
Meltem Ç., Kılıç M., Karabul Y., Yılmaz Canlı N., Alkan Ü., Okutan M., İçelli O.
Advanced and Functional Material Technologies (AFMAT2015), Antalya, Turkey, 26 - 28 October 2015, pp.48
- LVI. **Electrical and Mechanical Properties of PP PANI Composites**

Kılıç M., Alkan Ü., Karabul Y., Berber Yamak H., Okutan M., İçelli O.

THE 8th INTERNATIONAL CONFERENCE ON ADVANCED MATERIALS, ROCAM 2015, Bucuresti, Romania, 7 - 10 July 2015

- LVII. **A Comprehensive Study on effect of gamma radiation for basalt reinforced low density polyethylene**
Karabul Y., Kılıç M., Alkan Ü., Okutan M., İçelli O., Okutan M.
THE 8th INTERNATIONAL CONFERENCE ON ADVANCED MATERIALS (ROCAM2015), Bucuresti, Romania, 7 - 10 July 2015
- LVIII. **Electrical and Mechanical Properties of PP/PANI Composites**
Kılıç M., Alkan Ü., Karabul Y., Berber Yamak H., Okutan M., İçelli O.
THE 8th INTERNATIONAL CONFERENCE ON ADVANCED MATERIALS (ROCAM2015), Bucuresti, Romania, 7 - 10 July 2015, pp.173
- LIX. **Electrical Properties of Some Basalt Materials under Magnetic Field**
Karabul Y., Canlı Yılmaz N., Okutan M., İÇELLİ O.
TESNAT2015, 01 April 2015
- LX. **Electrical Characterization of Basalt Materials Under Magnetic Field**
MELTEM Ç., KILIÇ M., KARABUL Y., YILMAZ CANLI N., ALKAN Ü., OKUTAN M., İÇELLİ O.
1st International Advanced and Functional Materials Technologies (AFMAT 2015), 26 - 28 October 2015
- LXI. **Electrical and Mechanical Properties of PANI/LDPE Composites**
Alkan Ü., Kılıç M., Karabul Y., Berber Yamak H., Okutan M., İçelli O.
1st International Conference on Organic Electronic Material Technologies (OEMT'2015), Elazığ, Turkey, 25 - 28 March 2015
- LXII. **Electrical mechanism of Basalts with Polyaniline pani composites**
Karabul Y., Yılmaz M. A., Denктаş C., Okutan M., İçelli O.
1st International Conference on Organic Electronic Material Technologies (OEMT'2015), Elazığ, Turkey, 25 - 28 March 2015
- LXIII. **In the Room Conditions Improved Efficiency of Organic Solar Cells Using of Boron Compounds**
Yağcı Ö., Yeşilkaya S. S., Aydın Yüksel S., Ongül F., Türkoğlu Bozar S., Güneş S., İçelli O.
1st International Conference on Organic Electronic Material Technologies, Elazığ, Turkey, 25 - 27 March 2015, pp.105
- LXIV. **ESR Electrical and Chemical Properties of Powdered Basalt Rocks**
Nuhoglu Ç., Tapan M., Nuhoglu Y., Bilgen A., Topkaya R., Yağcı Ö., İÇELLİ O.
International Conference on Luminescence and ESR Dosimetry (Lumidoz 8) Ankara Üniversitesi Nükleer Bilimler Enstitüsü, 01 August 2014
- LXV. **Identify of EABF and EBF parameters of basalt samples with new methods**
İÇELLİ O., Yalçın Z., Eyecioğlu Ö., Tapan M., Bilgen A. N.
Turkish Physical Society 31th International Physics Conference, 01 July 2014
- LXVI. **The spectral applications of Beer-Lambert law for some biological and dosimetric materials**
İÇELLİ O., YALÇIN Z., KARAKAYA V., ILGAZ I. P.
2nd International Conference on Analysis and Applied Mathematics (ICAAM), Shymkent, Kazakhstan, 11 - 13 September 2014, vol.1611, pp.199-203
- LXVII. **Photon parameters for gamma-rays and gas sensing properties of some thick oxide films**
YAĞCI Ö., KAVANOZ H. B., YALÇIN Z., ALTINDAL A., İÇELLİ O., OKUTAN M.
TFD 30 - Türk Fizik Derneği 30. Uluslararası Fizik Kongresi, 2 - 05 September 2013
- LXVIII. **FIRST PRINCIPLE CALCULATION OF STROMEYERITE**
Öztek H., Ilgaz I. P., Yılmaz M., Kavanoz H. B., İcelli O., Yalçın Z.
30. ULUSLARARASI FİZİK KONGRESİ, İstanbul, Turkey, 2 - 05 September 2013, pp.543
- LXIX. **First Principles Calculation of Stromeyerite, Ag₂CuS**
Öztek H. Ö., Yılmaz M., Kavanoz H. B., İçelli O., Yalçın Z.
Turkish Physical Society 30 Th International Physics Congress, Muğla, Turkey, 2 - 05 September 2013, pp.542
- LXX. **Radiation in Electrical Parameters for Electro-Coagulation of Boron Waste by Impedance Spectroscopy**

Okutan M., İçelli O., Yalçın Z., Yavuz H., Kara O. E., Artun O., Delipınar D.

7th International Symposium on Boron, Borides and Related Materials. 17th International Symposium on Boron, Borides and Related Materials, İstanbul, Turkey, 11 September 2011, pp.96

- LXXI. **Dielectric Constant and Dissipation Factor Measurement of Propertit Powders by Dielectric Spectroscopy**
Yalçın Z., Okutan M., İcellı O., Artun O., Kara O. E., Delipınar D., Yavuz H.
17th International Symposium on Boron, Borides and Related Materials, İstanbul, Turkey, 11 September 2011, pp.97
- LXXII. **Analysis of Impedance Spectroscopy, Polarization and Resistivity Behavior in Electro-Coagulation of Thermal Waste**
İCELLİ O., YALÇIN Z., OKUTAN M., DELİPİNAR D., KARA O. E., YAVUZ H., ARTUN O.
17th International Symposium on Boron, Borides and Related Materials, İstanbul, Turkey, 11 September 2011, pp.95
- LXXIII. **Measurements of the total molcular differential attenuation coefficients for scattering of gama rays at some compounds**
İÇELLİ O.
TFD 25 Turkish International Physics Conference, 01 August 2008
- LXXIV. **Experimental study on ratios to Compton scattering of coherent scattering of elements with atomic number $26 < Z < 82$ in 59.5 keV for 55?**
İÇELLİ O., Erzeneoğlu S.
TFD 20. Turkish International Physics Conference, 01 September 2001
- LXXV. **Coherent scattering of 59.5 keV γ -rays by Au through angles from 45° to 125°. EDXRS-2000**
İÇELLİ O.
European Conference on Energy Dispersive X-Ray Spectrometry, 01 June 2000
- LXXVI. **68 < Z < 92 Aralığında Bazı Elementlerin Li(i=1,2 ve 3) Alt Tabaka Flüoresans Tesir Kesitlerinin ve Flüoresans Verimlerinin Ölçülmesi**
İÇELLİ O.
III. Ulusal Atom ve Molekül Fiziği Sempozyumu, 01 May 2000
- LXXVII. **21 < Z < 82 Aralığındaki Bazı Elementlerin İnkohorent Saçılma Fonksiyonu**
İÇELLİ O.
III. Ulusal Atom ve Molekül Fiziği Sempozyumu, 01 May 2000
- LXXVIII. **45°-125° Saçılma Açısı Aralığında 79Au Tarafından 59,5 keV'lik γ -Işınlarının Koherent Saçılması**
İÇELLİ O.
III. Ulusal Atom ve Molekül Fiziği Sempozyumu, 01 May 2000
- LXXIX. **Al,Fe, Zn, Nb, Sn ve Ta Elementlerinin İnkohorent Saçılma Fonksiyonu**
İÇELLİ O.
TFD 18 Turkish International Physics Conference, 01 October 1999
- LXXX. **Koherent ve Compton Saçılma Diferansiyel Tesir Kesitleri Oranlarının 55° ve 115° için 26 < Z < 82 Atomik Element Bölgesinde Atom Numarasına Göre Değişimi**
İÇELLİ O.
TFD 18. Turkish International Physics Conference, 01 October 1999
- LXXXI. **Ta, W Au Elementlerinin L₁, L₂, L₃, L₄ X-ışını üretim tesir kesitlerinin ölçülmesi**
İÇELLİ O.
II. Ulusal Atom ve Molekül Fiziği Sempozyumu, 01 September 1998
- LXXXII. **Foton-momentum transferinde atomik form faktörlerinin ölçülmesi**
İÇELLİ O.
II. Ulusal Atom ve Molekül Fiziği Sempozyumu, 01 September 1998
- LXXXIII. **Au Tarafından 59,5 keV'lik Gama Işınlarının Rayleigh Saçılması**
İÇELLİ O.
II. Ulusal Atom ve Molekül Fiziği Sempozyumu, 01 September 1998

Supported Projects

- KAVANOZ H. B., AKÇALI Ö., TOKER O., YAVAŞ K., İÇELLİ O., Eminoğlu H. F., YILMAZ M., Project Supported by Higher Education Institutions, X-IŞINI FLORESANS SPEKTROMETRESİ İÇİN MİKROİŞLEMCİ KONTROLÜ İLE VERİ ALMA SİSTEMİ, 2024 - Continues
- İÇELLİ O., Keskin U., Project Supported by Higher Education Institutions, X-IŞINI FLORESANS SPEKTROSKOPİSİNDE STANDARTSIZ KANTİTATİF SİMÜLASYON METODU, 2023 - Continues
- İÇELLİ O., Özşahin Toker M., Project Supported by Higher Education Institutions, Mayın algılama sistemlerinde nükleer tekniklerin simülasyonu ve yapay zeka ile mayın türlerinin tespiti, 2023 - Continues
- GÜVEN ÖZDEMİR Z., BEYAZAY E., KILIÇ M., İÇELLİ O., ALKAN Ü., KARABUL Y., Project Supported by Higher Education Institutions, Polipropilen/Bi₂O₃ ve Polipropilen/WO₃ Nano Kompozit Filmlerin Geliştirilmesi Elektrik ve Mekanik Özelliklerinin Tespiti, 2020 - 2022
- İÇELLİ O., KARABUL Y., Project Supported by Higher Education Institutions, YENİ NESİL RADYASYON ZIRHLAYICILAR: EPOKSİ TEMELLİ METAL OKSİT MİKRO VE NANO YAPILI KOMPOZİTLER, 2019 - 2021
- İÇELLİ O., Çağlar M., Project Supported by Higher Education Institutions, TIBBİ RADYASYON ZIRHLAMALARINDA KULLANILABİLECEK ÇOK FONKSİYONLU MİKRO/NANO KOMPOZİT MALZEMELERİN GELİŞTİRİLMESİ VE DOZİMETRİK ÖZELLİKLERİNİN İNCELENMESİ, 2019 - 2021
- İÇELLİ O., GÜVEN ÖZDEMİR Z., KILIÇ M., KARABUL Y., Project Supported by Higher Education Institutions, YÜKSEK RADYASYON ZIRHLAMA ÖZELLİĞİNE SAHİP AĞIR METAL OKSİT CAMLARIN ÜRETİLMESİ VE OPTİMİZASYONUN SAĞLANMASI, 2015 - 2018
- İÇELLİ O., Project Supported by Higher Education Institutions, Radyasyona Maruz Bırakılan Meme Kanseri Hastalarının Kan Örneklerinde Sodyum/Potasyum (Na/K) Oranı ile Elektron Yoğunluğu Arasında Korelasyon, 2015 - 2018
- İçelli O., Eyecioğlu Ö., TÜBİTAK Project, Buildup Faktörlerini Hesaplayabilen Yazılım Paketinin Geliştirilmesi, 2015 - 2017
- KILIÇ M., KARABUL Y., İÇELLİ O., ALKAN Ü., Project Supported by Higher Education Institutions, POLİMERİK KOMPOZİTLERİN FARKLI SICAKLIKTA DİELEKTRİK VE MEKANİK ÖZELLİKLERİN İNCELENMESİ, 2015 - 2017
- İÇELLİ O., Project Supported by Higher Education Institutions, Kurutulmuş Sebze Ve Meyvelerdeki Aflatoksin Ve Diğer Zararlı Kimyasalların Üreticiden Tüketicie Kadar Geçen Aşamalarda Biyosensör/Kimyasal Sensörlü İndikatör Oluşumları İle Takibi, 2013 - 2016
- İÇELLİ O., Project Supported by Higher Education Institutions, Borikasit Katkılanmış ve Gama Işını Dozlanmış PEDOT:PSS Tabakasının P3HT:PCBM Esaslı Ftovoltaik Hücrelerde Kullanılması, 2013 - 2016
- YAĞCI Ö., İÇELLİ O., Project Supported by Higher Education Institutions, Farklı Metal Grupları İçeren Ftalosiyanınların Foto-Voltaik Uygulamalarda Kullanılması, 2013 - 2016
- İÇELLİ O., Project Supported by Higher Education Institutions, Troid kanserli hastalardan alınan kan örneklerindeki bazı minerallerin değerlendirilmesi ve foton-atomik parametrelerinin tayini, 2014 - 2015
- Okutan M., Bilgili M. S., Yalçın Z., İçelli O., Project Supported by Higher Education Institutions, Bor Oksit Atıklarının Dielektrik Spektroskopi Metodu İle Elektriksel ve Yapısal Özelliklerin Tayin Edilmesi, 2011 - 2014
- Altındal A., Okutan M., Yalçın Z., İçelli O., KESKİN B., Project Supported by Higher Education Institutions, METAL YALITKAN YARIİLETKEN MYY YAPILARDA YÜK İLETİM MEKANİZMALARININ BELİRLENMESİ, 2012 - 2013
- İÇELLİ O., Project Supported by Higher Education Institutions, Bor Atıklarından Etkin Bir Biçimde Faydalanarak Radyasyon Zırhlama Materyallerinin Geliştirilmesi Ve Modelleme Çalışmaları, 2011 - 2013
- İçelli O., Project Supported by Higher Education Institutions, Bor Atıklarından Faydalanarak Dielektrik Spektroskopi Metodu ile Elektriksel ve Yapısal Özelliklerinin Tayin Edilmesi, 2011 - 2013

Patent

- İçelli O., Güneş S., Aydın Yüksel S., Yeşilkaya S. S., Yağcı Ö., PEDOT:PSS film üretiminde borik asit kullanımı, Patent, CHAPTER G Physics, The Invention Registration Number: TR201508718B , Standard Registration, 2021
- Yeşilkaya S. S., İçelli O., Yağcı Ö., Usage of Boric Acid in the Production of PEPOT:PSS Film, Patent, CHAPTER G Physics, The Invention Registration Number: US20180287083A1 , Standard Registration, 2019

Activities in Scientific Journals

El-Cezeri Journal of Science and Engineering, Committee Member, 2014 - Continues

Memberships / Tasks in Scientific Organizations

TÜBA, Associate Member, 2015 - Continues

Scientific Research / Working Group Memberships

TÜBA Enerji Çalışma Grubu, YILDIZ TEKNİK ÜNİVERSİTESİ, Türkiye, www.tuba.gov.tr, 2017 - Continues

Metrics

Publication: 198

Citation (WoS): 888

Citation (Scopus): 1291

H-Index (WoS): 17

H-Index (Scopus): 20

Invited Talks

Stem Nedir? (Bahçelievler Ortaokulu), Conference, TÜBİTAK, Turkey, November 2019

Stem Nedir? (Gebze Sos.Blm Lisesi), Conference, TÜBİTAK, Turkey, November 2019

Nükleer Enerjinin Dünü Bugünü ve Yarını, Seminar, TÜBA, Turkey, April 2019

Non Academic Experience

Milli Eğitim Bakanlığı