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Kişisel Bilgiler

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ScopusID: 57188668211

Yoksis Araştırmacı ID: 38524

Eğitim Bilgileri

Doktora, Atatürk Üniversitesi, Fen Bilimleri, Fizik, Türkiye 2012 - 2017

Yabancı Diller

İngilizce, B2 Orta Üstü

Sertifika, Kurs ve Eğitimler

Eğitim Yönetimi ve Planlama, Crystal 14, Regensburg University, 2017

Eğitim Yönetimi ve Planlama, IRAF ile veri analizi, Tübitak Ulusal Gözlemevi, 2011

Yaptığı Tezler

Doktora, Bazı gazların compton profillerine basınç etkisi, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Fizik / Genel Fizik, 2017

Yüksek Lisans, Seçilmiş yıldız kümelerinde değişen yıldızlar, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Fizik / Genel Fizik, 2012

Araştırma Alanları

Fizik, Atom ve Molekül Fiziği, Atom ve Moleküllerin Elektronik Yapısı Kuramı, Atomik Özellikler ve Fotonla Etkileşmeler, Moleküler Özellikler ve Fotonla Etkileşmeler, Yoğun Madde 2:Elektronik Yapı, Elektrik, Manyetik ve Optik Özellikler, Bulk malzemenin elektronik yapısı, Temel Bilimler

Akademik Unvanlar / Görevler

Doç. Dr., Atatürk Üniversitesi, Fen Fakültesi, Fizik, 2021 - Devam Ediyor
Dr. Öğr. Üyesi, Atatürk Üniversitesi, Fen Fakültesi, Fizik, 2019 - Devam Ediyor

Verdiği Dersler

RADYASYON SAYAÇLARI VE ÖLÇÜM TEKNİKLERİ, Yüksek Lisans, 2023 - 2024, 2020 - 2021
Fizik, Lisans, 2023 - 2024, 2020 - 2021
Işık ve Uygulamaları, Lisans, 2022 - 2023
XRS'de Pik Analiz Teknikleri, Yüksek Lisans, 2023 - 2024, 2022 - 2023, 2021 - 2022
Klasik Mekanik, Lisans, 2021 - 2022
Modern Fizik, Lisans, 2021 - 2022
Fizik II Laboratuvarı, Lisans, 2021 - 2022
Fizik II, Lisans, 2021 - 2022
Fizik II, Lisans, 2021 - 2022
Işık Ölçümü: Photometry, Lisans, 2021 - 2022
Elektromanyetik Teori, Lisans, 2021 - 2022
Atom Fiziği Laboratuvarı, Lisans, 2021 - 2022
RADYASYON SAYAÇLARI VE ÖLÇÜM TEKNİKLERİ, Yüksek Lisans, 2021 - 2022
Optik, Lisans, 2020 - 2021
RADYASYON SAYAÇLARI VE ÖLÇÜM TEKNİKLERİ, Yüksek Lisans, 2020 - 2021
Fizik, Lisans, 2020 - 2021
Fizik, Lisans, 2020 - 2021
Klasik Mekanik, Lisans, 2018 - 2019
Bilgisayar Programlama, Lisans, 2018 - 2019
Temel Fizik, Lisans, 2017 - 2018
Genel Fizik I, Lisans, 2017 - 2018
Bilgisayar, Lisans, 2017 - 2018

Yönetilen Tezler

Şakar E., SİNTERLEME TEKNİĞİYLE ÜRETİLEN Ni₃Al TABANLI SÜPERALAŞIMLARIN YAPISAL PARAMETRELERİNİN VE γ -IŞINI SOĞURMA YETENEKLERİNİN ARAŞTIRILMASI, Yüksek Lisans, M.DURDAĞ(Öğrenci), 2024

Jüri Üyelikleri

Tez Savunma (Yüksek Lisans), Mehmet Topal Yüksek Lisans Tez Savunması , Ağrı İbrahim Çeçen Üniversitesi, Mayıs, 2019

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayımlanan Makaleler

- A comprehensive research on γ -ray and particle radiation interaction parameters of Cerium doped heavy oxide inorganic scintillators**
Polatoğlu A., Şakar E.
Progress in Nuclear Energy, cilt.174, 2024 (SCI-Expanded)
- Effect of oxidation on radiation shielding capacity of ZrNbTaMoW Refractory High Entropy Alloys (RHEA) for nuclear reactor applications: Experimental and theoretical assessment**
ŞAKAR E., Guler O., Alim B., Guler S., DİKİCİ B., Lampke T.
Journal of Alloys and Compounds, cilt.997, 2024 (SCI-Expanded)

- III. **Experimental investigation of structural and radiation shielding features of Li₂O-BaO-ZnO-B₂O₃-Bi₂O₃ glass systems**
 Sayyed M., Mhareb M., Şakar B. C., Mahmoud K., ŞAKAR E., Thabit H. A., Kaky K. M., Baki S.
 Radiation Physics and Chemistry, cilt.218, 2024 (SCI-Expanded)
- IV. **Determination of the molecular structure and spectroscopic properties of capsaicin**
 Çınar M., Alm B., Alm Z., Şakar E.
 RADIATION PHYSICS AND CHEMISTRY, cilt.208, ss.110879, 2023 (SCI-Expanded)
- V. **An extensive survey on radiation protection features of novel hafnium iron-borophosphate glasses: Experimental and theoretical study**
 ŞAKAR E., Alm B., Ertap H., Karabulut M.
 Progress in Nuclear Energy, cilt.160, 2023 (SCI-Expanded)
- VI. **Fabrication, characterization of neutron and proton shielding investigation of tungsten oxide dispersed-ultra high Mw polyethylene**
 Sayyed M. I., Taki M. M., Abdalsalam A. H., Mhareb M. H. A., Alajerami Y. S., Şakar E., Aygün B., Kaky K. M.
 CHEMICAL PHYSICS, cilt.548, 2021 (SCI-Expanded)
- VII. **Characterization of gamma-ray and neutron radiation absorption properties of synthesized quinoline derivatives and their genotoxic potential**
 Alaylar B., Aygün B., Turhan K., Karadayı G., Şakar E., Singh V., Sayyed M., Pelit E., Karabulut A., Güllüce M., et al.
 Radiation Physics and Chemistry, cilt.184, 2021 (SCI-Expanded)
- VIII. **Development of new heavy concretes containing chrome-ore for nuclear radiation shielding applications**
 Aygun B., Sakar E., Agar O., Sayyed M. I., Karabulut A., Singh V. P.
 PROGRESS IN NUCLEAR ENERGY, cilt.133, 2021 (SCI-Expanded)
- IX. **Development of SiO₂ based doped with LiF, Cr₂O₃, CoO₄ and B₂O₃ glasses for gamma and fast neutron shielding**
 Aygun B., Şakar E., Karabulut A., Alim B., Sayyed M., Singh V. P., Yıldız Yorgun N., Özpolat Ö. F.
 RADIOCHIMICA ACTA, cilt.109, sa.2, ss.143-151, 2021 (SCI-Expanded)
- X. **Determination of radioprotective and genotoxic properties of sulfamide derivatives**
 Aygün B., Alaylar B., Akıncıoğlu A., Alim B., Kocaman E. T., Karadayı M., Abu Al-Sayyed M. I., Aksu S., Sakar E., Özpolat Ö. F., et al.
 RADIOCHIMICA ACTA, cilt.109, sa.12, ss.891-904, 2021 (SCI-Expanded)
- XI. **Experimental and Monte Carlo simulation study on potential new composite materials to moderate neutron-gamma radiation**
 Aygün B., Şakar E., Singh V. P., Sayyed M. I., Korkut T., Karabulut A.
 Progress in Nuclear Energy, cilt.130, 2020 (SCI-Expanded)
- XII. **Assessment of gamma-ray attenuation features for La⁺³ co-doped zinc borotellurite glasses**
 Rammah Y., ÖZPOLAT Ö. F., Alm B., ŞAKAR E., El-Mallawany R., El-Agawany F.
 Radiation Physics and Chemistry, cilt.176, 2020 (SCI-Expanded)
- XIII. **Investigation of neutron and gamma radiation protective characteristics of synthesized quinoline derivatives**
 AYGÜN B., Alaylar B., TURHAN K., ŞAKAR E., KARADAYI M., Abu Al-Sayyed I., Pelit E., GÜLLÜCE M., KARABULUT A., TURGUT Z., et al.
 INTERNATIONAL JOURNAL OF RADIATION BIOLOGY, cilt.96, sa.11, ss.1423-1434, 2020 (SCI-Expanded)
- XIV. **Development and production of metal oxide doped glasses for gamma ray and fast neutron shielding**
 Aygün B., ŞAKAR E., CİNAN E., Yorgun N. Y., Sayyed M., Agar O., KARABULUT A.
 RADIATION PHYSICS AND CHEMISTRY, cilt.174, 2020 (SCI-Expanded)
- XV. **Determination of photon-shielding features and build-up factors of nickel-silver alloys**
 ŞAKAR E.
 RADIATION PHYSICS AND CHEMISTRY, cilt.172, 2020 (SCI-Expanded)
- XVI. **MoO₃ reinforced Ultra high molecular weight PE for neutrons shielding applications**
 Sayyed M., Abdalsalam A. H., Taki M. M., Mhareb M. H. A., ALIM B., Baltakesmez A., ŞAKAR E.

- RADIATION PHYSICS AND CHEMISTRY, cilt.172, 2020 (SCI-Expanded)
- XVII. **Phy-X/ZeXTRa: a software for robust calculation of effective atomic numbers for photon, electron, proton, alpha particle, and carbon ion interactions**
Özpolat Ö. F., Alim B., Şakar E., Büyükyıldız M., Kurudirek M.
RADIATION AND ENVIRONMENTAL BIOPHYSICS, cilt.59, sa.2, ss.321-329, 2020 (SCI-Expanded)
- XVIII. **Investigation of gamma ray attenuation features of bismuth oxide nano powder reinforced high-density polyethylene matrix composites**
Abdalsalam A. H., Şakar E., Kaky K. M., Mhareb M., Sakar B., Sayyed M., Gürol A.
RADIATION PHYSICS AND CHEMISTRY, cilt.168, 2020 (SCI-Expanded)
- XIX. **Theoretical and experimental validation gamma shielding properties of B2O3-ZnO-MgO-Bi2O3 glass system**
Kaky K. M., Sayyed M. I., Khammas A., Kumar A., Şakar E., Abdalsalam A. H., Ceviz Şakar B., Alim B., Mhareb M. H. A.
MATERIALS CHEMISTRY AND PHYSICS, cilt.242, 2020 (SCI-Expanded)
- XX. **Phy-X / PSD: Development of a user friendly online software for calculation of parameters relevant to radiation shielding and dosimetry**
Şakar E., Özpolat Ö. F., Alim B., Sayyed M., Kurudirek M.
Radiation Physics and Chemistry, cilt.166, 2020 (SCI-Expanded)
- XXI. **Modified halloysite minerals for radiation shielding purposes**
Mansour A., Sayyed M., Mahmoud K. A., ŞAKAR E., Kovaleva E. G.
JOURNAL OF RADIATION RESEARCH AND APPLIED SCIENCES, cilt.13, sa.1, ss.94-101, 2020 (SCI-Expanded)
- XXII. **Evaluation the gamma, charged particle and fast neutron shielding performances of some important AISI-coded stainless steels: Part II**
ALIM B., ŞAKAR E., HAN İ., Sayyed M.
RADIATION PHYSICS AND CHEMISTRY, cilt.166, 2020 (SCI-Expanded)
- XXIII. **Structural, optical, thermal, mechanical, morphological & radiation shielding parameters of Pr3+ doped ZAIFB glass systems**
Vighnesh K., RAMYA B., NİMİTHA S., WAGH A., Sayyed M., ŞAKAR E., Yakout H., Dahshan A., Kamath S. D.
OPTICAL MATERIALS, cilt.99, 2020 (SCI-Expanded)
- XXIV. **Bi2O3-B2O3-ZnO-BaO-Li2O glass system for gamma ray shielding applications**
SAYYED M. I., TEKİN H. O., TAKI M., MHAREB M., AĞAR O., ŞAKAR E., KAKY K.
OPTİK, cilt.201, 2020 (SCI-Expanded)
- XXV. **Experimental investigation of radiation shielding performances of some important AISI-coded stainless steels: Part I**
ALIM B., ŞAKAR E., Baltakesmez A., HAN İ., Sayyed M., DEMİR L.
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- XXVI. **Phy-X/ZeXTRa: a software for robust calculation of effective atomic numbers for photon, electron, proton, alpha particle, and carbon ion interactions**
Özpolat Ö. F., Alim B., Şakar E., Büyükyıldız M., Kurudirek M.
Radiation And Environmental Biophysics, cilt.59, ss.321-329, 2020 (SCI-Expanded)
- XXVII. **Simulation studies for gamma ray shielding properties of Halloysite nanotubes using MCNP-5 code**
Abu El-Soad A. M., SAYYED M., Mahmoud K. A., ŞAKAR E., Kovaleva E. G.
APPLIED RADIATION AND ISOTOPES, cilt.154, 2019 (SCI-Expanded)
- XXVIII. **Effect of heat treatment temperature to the crystal growth and optical performance of Mn3O4 doped alpha-Zn2SiO4 based glass-ceramics**
Zaid M. H. M., MATORİ K. A., Ab Aziz S. H., KAMARİ H. M., FEN Y. W., YAAKOB Y., Sa'at N. K., GÜROL A., ŞAKAR E.
RESULTS IN PHYSICS, cilt.15, 2019 (SCI-Expanded)
- XXIX. **Physical, mechanical and gamma-ray shielding properties of highly transparent ZnO-MoO3-TeO2 glasses**
Ersundu M. C., Ersundu A. E., Gedikoğlu N., Şakar E., Büyükyıldız M., Kurudirek M.
JOURNAL OF NON-CRYSTALLINE SOLIDS, cilt.524, 2019 (SCI-Expanded)
- XXX. **Influence of RE oxides (Eu3+, Sm3+, Nd3+) on gamma radiation shielding properties of lead**

fluoroborate glasses

Wagh A., Sayyed M. I., Askin A., Özpolat Ö. F., Şakar E., Lakshminarayana G., Kamath S. D.
SOLID STATE SCIENCES, cilt.96, 2019 (SCI-Expanded)

- XXXI. **X-ray photoelectron spectroscopy (XPS) and gamma-ray shielding investigation of boro-silicate glasses contained alkali/alkaline modifier**
Kaky K. M., ŞAKAR E., Akbaba U., KASAPOĞLU A. E., Sayyed M. I., GÜR E., Baki S. O., Mahdi M. A.
RESULTS IN PHYSICS, cilt.14, 2019 (SCI-Expanded)
- XXXII. **Boro-silicate glasses co-doped Er⁺³/Yb⁺³ for optical amplifier and gamma radiation shielding applications**
HASSİB M. D., Kaky K. M., KUMAR A., Akar E., SAYYED M., Baki S. O., Mahdi M. A.
PHYSICA B-CONDENSED MATTER, cilt.567, ss.37-44, 2019 (SCI-Expanded)
- XXXIII. **A study of gamma attenuation property of UHMWPE/Bi₂O₃ nanocomposites**
Abdalsalam A. H., SAYYED M., Hussein T. A., ŞAKAR E., Mhareb M. H. A., Sakar B., Alim B., Kaky K. M.
CHEMICAL PHYSICS, cilt.523, ss.92-98, 2019 (SCI-Expanded)
- XXXIV. **Leaded brass alloys for gamma-ray shielding applications**
Şakar E., Buyukyildiz M., Alim B., Sakar B., Kurudirek M.
RADIATION PHYSICS AND CHEMISTRY, cilt.159, ss.64-69, 2019 (SCI-Expanded)
- XXXV. **Gamma radiation shielding investigations for selected germanate glasses**
Sayyed M. I., Kaky K. M., ŞAKAR E., Akbaba U., Taki M. M., Agar O.
JOURNAL OF NON-CRYSTALLINE SOLIDS, cilt.512, ss.33-40, 2019 (SCI-Expanded)
- XXXVI. **Investigations on the physical, structural, optical and photoluminescence behavior of Er³⁺ ions in lithium zinc fluoroborate glass system**
Prabhu N. S., Hegde V., SAYYED M. I., ŞAKAR E., Kamath S. D.
INFRARED PHYSICS & TECHNOLOGY, cilt.98, ss.7-15, 2019 (SCI-Expanded)
- XXXVII. **New high temperature resistant heavy concretes for fast neutron and gamma radiation shielding**
AYGÜN B., ŞAKAR E., KORKUT T., SAYYED M., KARABULUT A.
RADIOCHIMICA ACTA, cilt.107, sa.4, ss.359-367, 2019 (SCI-Expanded)
- XXXVIII. **Fabrication of Ni, Cr, W reinforced new high alloyed stainless steels for radiation shielding applications**
Aygun B., ŞAKAR E., Korkut T., Sayyed M. I., KARABULUT A., Zaid M. H. M.
RESULTS IN PHYSICS, cilt.12, ss.1-6, 2019 (SCI-Expanded)
- XXXIX. **Gamma and neutron radiation effect on Compton profile of the multi-walled carbon nanotubes**
Şakar E., Akbaba U., Zukowski E., Gürol A.
NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS, cilt.437, ss.20-26, 2018 (SCI-Expanded)
- XL. **The heavy metal oxide glasses within the WO₃-MoO₃-TeO₂ system to investigate the shielding properties of radiation applications**
ERSUNDU A. E., Buyukyildiz M., Ersundu M. C., ŞAKAR E., KURUDİREK M.
PROGRESS IN NUCLEAR ENERGY, cilt.104, ss.280-287, 2018 (SCI-Expanded)
- XLI. **Experimental K X-ray intensity ratios of some heavy elements**
ŞAKAR E., GÜROL A., Bastug A.
RADIATION PHYSICS AND CHEMISTRY, cilt.131, ss.105-107, 2017 (SCI-Expanded)
- XLII. **In situ determination of radioisotopes in certain spring waters and Spring Mud in Erzurum, Turkey**
Akbaba U., ŞAKAR E., Sahin Y., GÜROL A.
Asian Journal of Chemistry, cilt.28, sa.6, ss.1393-1396, 2016 (SCI-Expanded)
- XLIII. **Differential inelastic scattering cross-section of silicon and gallium arsenide semiconductor crystals**
Kabil H., ŞAKAR E., Meral A., ŞAHİN M., GÜROL A.
Asian Journal of Chemistry, cilt.28, sa.6, ss.1389-1392, 2016 (SCI-Expanded)
- XLIV. **X-ray fluorescence analysis of archaeological artefacts from Bozcaada (Tenedos), Turkey**
GÜROL A., Tavukcu A. Y., Sakar E., Tavukcu Z. A., Basaran C., BAŞTUĞ A.
POST-MEDIEVAL ARCHAEOLOGY, cilt.50, sa.2, ss.412-419, 2016 (AHCI)

Diğer Dergilerde Yayınlanan Makaleler

- I. **TiB₂ Thin Film Coated Glass and High Speed Steel (HSS) in Applications of Radiation Shielding Technology**
BÜYÜKYILDIZ M., TURAN A., TAVŞANOĞLU T., ŞAKAR E., KURUDİREK M.
JOURNAL of INNOVATIVE SCIENCE and ENGINEERING (JISE), cilt.4, sa.2, ss.84-95, 2020 (Hakemli Dergi)
- II. **Compton Scattering Measurements of Ar and O₂ Using 59.54 keV Gamma-rays**
Şakar E., Gürol A.
Türk Doğa ve Fen Dergisi, cilt.9, sa.1, ss.19-23, 2020 (Hakemli Dergi)
- III. **Investigation of the Protective Capacities of Precipitation-Hardening Stainless Steels in terms of Charged and un-Charged Particle Radiation**
ŞAKAR E.
İĞDIR ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, cilt.10, sa.1, ss.190-201, 2020 (Hakemli Dergi)
- IV. **Neutron and Gamma Radiation Dose Transmission Measurements for New Refractory Heavy Concrete Samples Including MgO-Cr₂O₃-Fe₂O₃**
AYGÜN B., ŞAKAR E., KARABULUT A.
International Journal of Scientific Engineering Research, 2019 (Hakemli Dergi)
- V. **Improving Heavy Concrete Shielding Materials against Fast Neutron Radiation Leaks with Experimental and Monte Carlo Simulation (Geant4) Code**
AYGÜN B., MEHRNEJAD R., ŞAKAR E., ÜNVAR S., KORKUT T., KARABULUT A., DURAK R.
International Journal of Scientific Engineering Research, cilt.9, ss.107-111, 2018 (Hakemli Dergi)
- VI. **Variation of Compton Profiles of N₂ with Increasing Pressures**
ŞAKAR E., GÜROL A., YÜCEL O.
Sinop Uni J Nat Sci, cilt.1, sa.2, ss.2-8, 2016 (Hakemli Dergi)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Photon Shielding Capability of Nicosel: Glass Sealing Alloy**
Alım B., Şakar E., Han İ.
5. International Conference on Life and Engineering Sciences (ICOLES 2022), Antalya, Türkiye, 19 - 22 Mayıs 2022
- II. **Determination of Radiation Shielding Properties of Co-Based Heavy Metal Alloy**
ŞAKAR E.
4th INTERNATIONAL CONFERENCE ON ADVANCES IN NATURAL APPLIED SCIENCE PHYSICS, Ağrı, Türkiye, 19 - 22 Haziran 2019
- III. **Investigation of the Dependence on Photon Energy of the Effective Conductivity of YTZP Ceramic for Biomedical Applications**
ALIM B., ŞAKAR E., HAN İ.
3rd International Conference on Advanced Engineering Technologies (ICADET'19), 19 - 21 Eylül 2019
- IV. **Measurements of Lx-ray production cross-section and ...**
CİNAN E., EKİNCİ N., ŞAKAR E., KURUCU Y., ÖZDEMİR Y.
3rd international conference materials science and technology., 17 - 19 Eylül 2018
- V. **Neutron and Gamma Radiation Absorption Capacity by Monte Carlo Simulation GEANT4 Code**
AYGÜN B., ŞAKAR E., KORKUT T., KARABULUT A., SAYYED M.
4th INTERNATIONAL CONFERENCE ON ADVANCES IN NATURAL APPLIED SCIENCES, 19 - 22 Haziran 2019
- VI. **Research of Pharmaceutical Active Ingredients Neutron and Gamma Radiation Absorption Capacity by Monte Carlo Simulation GEANT4 Code**
AYGÜN B., ŞAKAR E., SAYYED M., KARABULUT A.
4th INTERNATIONAL CONFERENCE ON ADVANCES IN NATURAL APPLIED SCIENCES, 19 - 22 Haziran 2019
- VII. **Gamma Ray Shielding Competence of borosilicate glasses doped with heavy metal oxides**
SAYYED M., ŞAKAR E., AYGÜN B.

4th INTERNATIONAL CONFERENCE ON ADVANCES IN NATURAL APPLIED SCIENCES, 19 - 22 Haziran 2019

- VIII. **Neutron and Gamma Radiation Dose Transmission Measurements for New Refractory Heavy Concrete Samples Including MgO-Cr₂O₃-Fe₂O₃**
AYGÜN B., ŞAKAR E., KORKUT T., KARABULUT A.
4th INTERNATIONAL CONFERENCE ON ADVANCES IN NATURAL APPLIED SCIENCES, 19 - 22 Haziran 2019
- IX. **Calculation of Mass Stopping Powers and Ranges of Heavy Particle Radiations of Ni₇₇Fe₁₄Cu₅Mo₄: A Magnetic Shielding Alloy**
ALIM B., ŞAKAR E., HAN İ.
4th INTERNATIONAL CONFERENCE ON ADVANCES IN NATURAL APPLIED SCIENCE (ICANAS 2019), 19 - 22 Haziran 2019
- X. **Investigation of the Effect of Molybdenum Oxide on Oxychloride Glasses by Energy-Based Effective Electron Density, Effective and Equivalent Atomic Numbers and Radiation Shielding Parameters**
ÖZPOLAT Ö. F., ŞAKAR E., ALIM B., DEMİR L.
ICANAS, Türkiye, 19 - 22 Haziran 2019
- XI. **Analysis of Eu-152 X-Ray Fluorescence Transition Spectrum Radioactive Source with Artificial Intelligence Algorithm on NodeJS Platform**
ÖZPOLAT Ö. F., ALIM B., ŞAKAR E., YAVUZ U., DEMİR L.
4th INTERNATIONAL CONFERENCE ON ADVANCES IN NATURAL APPLIED SCIENCE (ICANAS 2019), 19 - 22 Haziran 2019
- XII. **Experimental and Theoretical Analysis of the Electron Momentum Distributions of Cu_{0.6}Zn_{0.4} and Cu_{0.58}Zn_{0.4}Pb_{0.02} Alloys**
ŞAKAR E., ALIM B., ÖZPOLAT Ö. F., GÜROL A.
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- XIII. **Determination of Gamma Photon Protection Capability of Ni₇₇Fe₁₄Cu₅Mo₄ : A Magnetic Shielding Alloy**
ALIM B., ŞAKAR E., ÖZPOLAT Ö. F., DEMİR L.
4th INTERNATIONAL CONFERENCE ON ADVANCES IN NATURAL APPLIED SCIENCE (ICANAS 2019), 19 - 22 Haziran 2019
- XIV. **CALCULATION OF STOPPING POWER AND RANGE OF HEAVY IONS RADIATION OF W-BASED HEAVY ALLOYS**
ŞAKAR E., ALIM B.
MAS EUROPEANINTERNATIONALCONGRESSON MATHEMATICSENGINEERING-NATURAL MEDICAL SCIENCES-V, 2 - 05 Mayıs 2019
- XV. **DETERMINATION OF PHOTON INTERACTION PARAMETERS OF Dy₃ DOPEDDIAMAGNETIC GLASSES**
ŞAKAR E.
MAS EUROPEANINTERNATIONALCONGRESSON MATHEMATICSENGINEERING-NATURAL MEDICAL SCIENCES-V, Erzurum, Türkiye, 2 - 05 Mayıs 2019
- XVI. **DETERMINATION OF EFFECTIVE ATOMIC NUMBERS OF Dy₃ DOPED ZINC SODIUM BISMUTH BORATE GLASSES WITH HEAVY IONS AND PHOTON RADIATION**
ÖZPOLAT Ö. F., ŞAKAR E., ALIM B.
MAS INTERNATIONAL CONFERENCE ON MATHEMATICS-ENGINEERING-NATURALMEDICAL SCIENCES-V, 2 - 05 Mayıs 2019
- XVII. **DETERMINATION OF EFFECTIVE CONDUCTIVITIES, EFFECTIVE ATOMIC AND ELECTRON NUMBERS OF NEXTEL CERAMICS**
ALIM B., ŞAKAR E., HAN İ.
MAS INTERNATIONAL CONFERENCE ON MATHEMATICS-ENGINEERING-NATURALMEDICAL SCIENCES-V, 2 - 05 Mayıs 2019
- XVIII. **INVESTIGATION OF HALF VALUE LAYER, MEAN FREE PATH AND EFFECTIVE ELECTRON DENSITY OF Ni-DOPED BISMUTH BORATE GLASSES**
ÖZPOLAT Ö. F., ALIM B., ŞAKAR E.

- XIX. **DEVELOPMENT OF GAMMA AND NEUTRON RADIATION SHIELDING PROPERTIES OF POLYMER MATRIX COMPOSITES, PMC**
AYGÜN B., ŞAKAR E., KORKUT T., KARABULUT A.
4th INTERNATIONAL CONGRESS ON VOCATIONAL AND TECHNICAL SCIENCES, 7 - 09 Aralık 2018
- XX. **PRODUCTION OF NEW REFRACTORY BRICKS WITH SHIELDING GAMMA AND NEUTRON RADIATION**
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Atf (WoS): 2157

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