

Dr. Öğr. Üyesi Yaşar KARABUL

Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, Yıldız Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Fizik Bölümü, Türkiye 2015 - 2021

Yüksek Lisans, İstanbul Üniversitesi, Fen Fakültesi, Fizik, Türkiye 2012 - 2014

Lisans, Abant İzzet Baysal Üniversitesi, Fen-Edebiyat Fakültesi, Fizik (İngilizce), Türkiye 2007 - 2012

Yaptığı Tezler

Doktora, Yeni nesil radyasyon zırhlayıcılar: epoksi temelli metal oksit mikro ve nano yapıli kompozitler, Yıldız Teknik Üniversitesi, Fen Bilimleri Enstitüsü, 2021

Yüksek Lisans, Bazalt numunelerde EABF ve EBF parametrelerinin yeni bir metot ile tayini, İstanbul Üniversitesi, Fen Fakültesi, Fizik, 2014

Araştırma Alanları

Fizik, Atom ve Molekül Fiziği, Nükleer Fizik

Akademik Unvanlar / Görevler

Dr. Öğr. Üyesi, Yıldız Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Fizik Bölümü, 2022 - Devam Ediyor

Araştırma Görevlisi, Yıldız Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Fizik Bölümü, 2014 - 2021

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- Production, analysis, and assessment of gamma-ray shielding performance of Gd₂O₃-Doped ZnO-B₂O₃ glasses using MCNP6 simulations**
Buyuk B., Keskin O., KARABUL Y., Kocak İ., Kamislioglu M.
Radiation Physics and Chemistry, cilt.232, 2025 (SCI-Expanded)
- The addition of Bi₂WO₆ nanoparticles to polyvinyl alcohol film: Improvements in optical, mechanical, and electrical properties**
BEYAZAY E., ŞAHİN N., KARABUL Y., KILIÇ M., GÜVEN ÖZDEMİR Z.
Physica B: Condensed Matter, cilt.696, 2025 (SCI-Expanded)
- LDPE/Bi₂O₃ nanocomposites: Enhanced mechanical, dielectric, and optical properties**
ŞAHİN N., BEYAZAY E., KARABUL Y., KILIÇ M., ESMER K., GÜVEN ÖZDEMİR Z.
Journal of Applied Polymer Science, cilt.141, sa.12, 2024 (SCI-Expanded)
- The evaluation of the effect of metal oxide and ferroelectric ceramic additives on the structural and dielectric properties of epoxy matrix**

ŞAHİN N., KARABUL Y., KILIÇ M., GÜVEN ÖZDEMİR Z., ESMEK K.

Polymer International, cilt.73, sa.1, ss.9-20, 2024 (SCI-Expanded)

- V. **BaO Nanoparticle Contribution To PVA On The Way To Become A More Functional Material**
Beyazay E., Şahin N., Karabul Y., Kılıç M., Güven Özdemir Z.
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.140, ss.1-12, 2023 (SCI-Expanded)
- VI. **Analyses of negative real permittivity behavior, AC conductivity and impedance properties of (Y_xEu_{1-x})Ba₂Cu₃O_{6.5} ceramics**
İç S., Kalkan N. E., Karabul Y., Özdemir Z. G., Kılıç M.
Ceramics International, cilt.49, sa.14, ss.23546-23557, 2023 (SCI-Expanded)
- VII. **Synergistic effect achieved in ionizing radiation shielding with epoxy-based composites blended with nature-inspired micro- and nanoparticle mixtures**
Kalkan N. E., İç S., Karabul Y., Güven Özdemir Z., Kılıç M.
European Physical Journal Plus, cilt.138, sa.7, 2023 (SCI-Expanded)
- VIII. **Multifunctional PCz/BaO nanocomposites: Ionizing radiation shielding ability and enhanced electric conductivity**
BEYAZAY E., KARABUL Y., Korkut S. E., KILIÇ M., Özdemir Z.
Progress in Nuclear Energy, cilt.155, 2023 (SCI-Expanded)
- IX. **Geochemical and energy storage properties of natural stones belong to limestone and Fe-shale families**
KARABUL Y., KILIÇ M., Ozdemir Z.
PHYSICS AND CHEMISTRY OF THE EARTH, cilt.128, 2022 (SCI-Expanded)
- X. **Improving the electrical properties of poly[2-methoxy-5-(2-ethylhexyloxy)-1,4-phenylenevinylene] by doping with camphor sulfonic acid for energy storage applications**
Uludag C., KARABUL Y., KILIÇ M., KOÇ K., Alveroğlu Durucu E., Ozdemir Z.
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.139, sa.39, 2022 (SCI-Expanded)
- XI. **PCz/BaO nanocomposites: Synthesis, characterization, and energy storage properties**
BEYAZAY E., KARABUL Y., KILIÇ M., EKEN KORKUT S., Ozdemir Z.
PHYSICA B-CONDENSED MATTER, cilt.634, 2022 (SCI-Expanded)
- XII. **Dielectric properties of P3HT/CSA composites for energy storage applications**
Uludag C., Alveroğlu Durucu E., KOÇ K., KARABUL Y., KILIÇ M., Ozdemir Z.
PHYSICA B-CONDENSED MATTER, cilt.626, 2022 (SCI-Expanded)
- XIII. **Radiation shielding performances of Na₂SiO₃ based low-cost micro and nano composites for diagnostic imaging**
Bozkurt M., ŞAHİN N., KARABUL Y., KILIÇ M., Özdemir Z.
PROGRESS IN NUCLEAR ENERGY, cilt.143, 2022 (SCI-Expanded)
- XIV. **Na₂SiO₃/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, cilt.139, ss.1-13, 2021 (SCI-Expanded)
- XV. **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, cilt.26, 2021 (SCI-Expanded)
- XVI. **Low cost radiation shielding material for low energy radiation applications: Epoxy/Yahyali Stone composites**
Sahin N., Bozkurt M., KARABUL Y., KILIÇ M., Ozdemir Z. G.
PROGRESS IN NUCLEAR ENERGY, cilt.135, 2021 (SCI-Expanded)
- XVII. **Structural characterization and dielectric parameters of polyindole/WO₃ nanocomposites**
Erdonmez S., Karabul Y., Kılıç M., Ozdemir Z. G., Esmer K.
POLYMER COMPOSITES, cilt.42, sa.3, ss.1347-1355, 2021 (SCI-Expanded)
- XVIII. **Mechanical and dielectric behavior of LDPE/Bi-1212 films**

- Alkan U., Kilic M., Karabul Y., Ozdemir Z.
MATERIALS TESTING, cilt.62, sa.9, ss.913-920, 2020 (SCI-Expanded)
- XIX. Negative real permittivity in (Bi_{0.3}Eu_{0.7})Sr₂CaCu₂O_{6.5} ceramic**
Kılıç M., Özdemir Z., Karabul Y., Karataş Ö., Çataltepe Ö. A.
Physica B: Condensed Matter, cilt.584, 2020 (SCI-Expanded)
- XX. A transition in the electrical conduction mechanism of CuO/CuFe₂O₄ nanocomposites**
Ozdemir Z. G., Kılıç M., Karabul Y., Misirlioglu B., Çakır Ö., Kahya N. D.
JOURNAL OF ELECTROCERAMICS, cilt.44, ss.1-15, 2020 (SCI-Expanded)
- XXI. 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, cilt.117, 2019 (SCI-Expanded)
- XXII. 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, cilt.174, ss.419-434, 2019 (SCI-Expanded)
- XXIII. BXCCom: a software for computation of radiation sensing**
Eyecioglu O., El-Khayatt A. M., KARABUL Y., Caglar M., TOKER O., İÇELLİ O.
RADIATION EFFECTS AND DEFECTS IN SOLIDS, cilt.174, ss.506-518, 2019 (SCI-Expanded)
- XXIV. 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, cilt.136, 2019 (SCI-Expanded)
- XXV. Dielectric and gamma shielding properties of sodium silicate glassy structure modified with tungsten**
Kılıç M., Caglar M., Karabul Y., Ozdemir Z., İçelli O.
RADIATION EFFECTS AND DEFECTS IN SOLIDS, cilt.174, ss.229-247, 2019 (SCI-Expanded)
- XXVI. 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, cilt.26, ss.300-307, 2019 (SCI-Expanded)
- XXVII. 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)
- XXVIII. 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., Bursahoglu E. O., Öz E., Eyecloglu O., Karabul Y., Çağlar M., İçelli O.
ATOMIC SPECTROSCOPY, cilt.40, ss.11-16, 2019 (SCI-Expanded)
- XXIX. 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, cilt.13, sa.4, ss.323-332, 2019 (SCI-Expanded)
- XXX. 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, cilt.135, 2018 (SCI-Expanded)
- XXXI. 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, cilt.41, sa.2, 2018 (SCI-Expanded)
- XXXII. 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, cilt.28, ss.325-333, 2018 (SCI-Expanded)
- XXXIII. 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, cilt.173, ss.474-488, 2018 (SCI-Expanded)
- XXXIV. **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, cilt.24, ss.3031-3037, 2017 (SCI-Expanded)
- XXXV. **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, cilt.17, ss.417-425, 2017 (SCI-Expanded)
- XXXVI. **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, cilt.100, ss.245-254, 2017 (SCI-Expanded)
- XXXVII. **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, cilt.63, ss.196-202, 2017 (SCI-Expanded)
- XXXVIII. **A study on compatibility of experimental effective atomic numbers with those predicted by ZXCOM**
Eyecioglu O., EL-KHAYATT A. M., KARABUL Y., İÇELLİ O.
NUCLEAR SCIENCE AND TECHNIQUES, cilt.28, sa.5, 2017 (SCI-Expanded)
- XXXIX. **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, cilt.100, ss.19-25, 2017 (SCI-Expanded)
- XL. **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, cilt.53, sa.1, ss.578-590, 2017 (SCI-Expanded)
- XLI. **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, cilt.510, sa.1, ss.121-131, 2017 (SCI-Expanded)
- XLII. **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, cilt.11, ss.343-348, 2016 (SCI-Expanded)
- XLIII. **Study of the electron densities of some food products dried using the new method**
Nuroglu E., Bursalioglu E. O., Karabul Y., Bakirdere S., İçelli O.
DRYING TECHNOLOGY, cilt.34, ss.1445-1454, 2016 (SCI-Expanded)
- XLIV. **ZXCOM: a software for computation of radiation sensing attributes**
Eyecioglu O., KARABUL Y., EL-KHAYATT A. M., İçelli O.
RADIATION EFFECTS AND DEFECTS IN SOLIDS, cilt.171, ss.965-977, 2016 (SCI-Expanded)
- XLV. **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, cilt.797, ss.29-36, 2015 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- Application of Supervised Machine Learning Regression Algorithms to Prediction of Dielectric Properties of PPy/Kufeki Stone Composites for Energy Implementations**
Eyecioglu O., KARABUL Y., KILIÇ M., GÜVEN ÖZDEMİR Z.
Gazi University Journal of Science, cilt.35, sa.1, ss.235-254, 2022 (Scopus)

- II. **Experimental Comparison of PbO and BaO Addition Effect on Gamma Ray Shielding Performance of Epoxy Polymer**
Ergin Y., Karabul Y., Güven Özdemir Z., Kılıç M.
Avrupa Bilim ve Teknoloji Dergisi, cilt.16, ss.256-266, 2019 (Hakemli Dergi)
- III. **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, cilt.15, ss.552-560, 2019 (Hakemli Dergi)
- IV. **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, cilt.18, ss.426-433, 2018 (Hakemli Dergi)
- V. **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, cilt.18, sa.5, ss.1089-1097, 2017 (Hakemli Dergi)
- 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, cilt.2, sa.2, ss.42-48, 2016 (Hakemli Dergi)

Kitaplar

- I. **GAMMA-RAY SHIELDING PARAMETERS FOR PC/BATIO3 COMPOSITES**
Erdönmez S., Çağlar M., Eşitmez D., Karabul Y.
Engineering Sciences Issues, Opportunities and Researches, Halil İbrahim Kurt,Engin Ergül, Editör, LIVRE DE LYON, Lyon, ss.133-144, 2023
- II. **TERMOPLASTİK POLİÜRETAN/GADOLİNYUM OKSİT KOMPOZİTLERİNİN RADYASYON ZIRHLAMA ÖZELLİKLERİNİN İNCELENMESİ**
Karabul Y., Erdönmez S., Çağlar M.
FEN VE MÜHENDİSLİKTE ANALİZ, SENTEZ VE UYGULAMALAR, Serkan GÜLDAL, Editör, İKSAD, Ankara, ss.35-48, 2023
- III. **Polypropylene-based Composites: A Better Alternative to Conventional Radiation Shielding Materials**
Kılıç M., Karabul Y., Güven Özdemir Z.
Polypropylene Advances in Research and Applications , Théodore Marleau, Editör, NOVA Science Publishers Inc. , New York, ss.109-154, 2022

Hakemli Bilimsel Toplantılarda Yayımlanmış Bildiriler

- I. **Tungsten Trioxide Reinforced Epoxy Composites with Increased Dielectric Permittivity and Conductivity**
Şahin N., Karabul Y., Kılıç M., Güven Özdemir Z., Esmer K.
TURKISH PHYSICAL SOCIETY 38th INTERNATIONAL PHYSICS CONGRESS, Muğla, Türkiye, 31 Ağustos - 04 Eylül 2022, ss.304
- II. **A Non-Carcinogenic Additive for Improving the Ionizing Radiation Shielding Performance of Epoxy: Silver Microparticles**
Yılmaz M., Kalkan N. E., İç S., Karabul Y., Kılıç M., Güven Özdemir Z.
TURKISH PHYSICAL SOCIETY 37TH INTERNATIONAL PHYSICS CONGRESS, Muğla, Türkiye, 1 - 05 Eylül 2021, ss.234
- III. **Yahyalı Stone Reinforced Epoxy Matrix for Gamma-Ray Screening**
Karabul Y., Bozkurt M., Şahin N., Kılıç M., Güven Özdemir Z.
ULUSLARARASI ANKARA BİLİMSEL ARAŞTIRMALAR KONGRESİ, Ankara, Türkiye, 4 - 06 Ekim 2019, ss.411-412

- IV. **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, Türkiye, 5 - 07 Nisan 2019
- V. **Enhanced Conductivity at PPy with the Addition of Tungsten Based Oxide Nanoparticles**
ERDÖNMEZ S., TOPUZ S., KARABUL Y., KILIÇ M., İÇELLİ O., GÜVEN ÖZDEMİR Z.
Balkan 1. Uluslararası Uygulamalı Bilimler Kongresi, 5 - 07 Nisan 2019
- VI. **The Complex Permittivity and AC Conductivity Analysis of PIn/Nano Structured WO₃ Composites**
ERDÖNMEZ S., ONGUN İ. E., KARABUL Y., KILIÇ M., İÇELLİ O., GÜVEN ÖZDEMİR Z.
Balkan 1. Uluslararası Uygulamalı Bilimler Kongresi, 5 - 07 Nisan 2019
- VII. **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, Türkiye, 5 - 07 Nisan 2019, ss.4-5
- VIII. **Artificial Neural Network Study for the Estimation of the Components of Complex Permittivity of Polypyrrole/Limestone Composites**
Arı A. M., Eyecioğlu Ö., Kılıç M., Karabul Y., Güven Özdemir Z.
Balkan 1. Uluslararası Uygulamalı Bilimler Kongresi, Edirne, Türkiye, 5 - 07 Nisan 2019, ss.15-16
- IX. **Application of Artificial Neural Network Method for the Prediction of Frequency and Temperature Dependent Electrical Parameters of A Bi-Based Ceramic Material**
ARI A. M., KARABUL Y., KILIÇ M., EYECİOĞLU Ö., GÜVEN ÖZDEMİR Z.
IV. Uluslararası Mesleki Ve Teknik Bilimler Kongresi, 7 - 09 Aralık 2018
- X. **Epoxy/Kayseri Limestone Composites with Gamma Ray Shielding Function**
Karabul Y., Şahin N., Bozkurt M., Kılıç M., Güven Özdemir Z.
ULUSLARARASI ANKARA BİLİMSEL ARAŞTIRMALAR KONGRESİ, Ankara, Türkiye, 4 - 06 Ekim 2019, ss.509-510
- XI. **The Influence of Nano Structured Tungsten Oxide Additive On The Impedance Spectrum of Polythiophene**
ERDÖNMEZ S., KARABUL Y., KILIÇ M., İÇELLİ O., GÜVEN ÖZDEMİR Z.
3rd International Conference on Organic Electronic Material Technologies (OEMT2018), 20 - 22 Eylül 2018
- XII. **Mechanical Performance of PP/BiSr₂CaCu₂O_{6.5} Composites**
ALKAN Ü., KILIÇ M., ERDÖNMEZ S., KARABUL Y., GÜVEN ÖZDEMİR Z., İÇELLİ O.
3rd International Conference on Organic Electronic Material Technologies (OEMT2018), 20 - 22 Eylül 2018
- XIII. **The Influence of Nano Structured Tungsten Oxide Additive On The Impedance Spectrum of Polythiophene**
ERDÖNMEZ S., KARABUL Y., KILIÇ M., İÇELLİ O., GÜVEN ÖZDEMİR Z.
3rd International Conference on Organic Electronic Material Technologies (OEMT2018), 20 - 22 Eylül 2018
- XIV. **Mechanical Performance of PP/BiSr₂CaCu₂O_{6.5} Composites**
ALKAN Ü., KILIÇ M., ERDÖNMEZ S., KARABUL Y., GÜVEN ÖZDEMİR Z., İÇELLİ O.
International Conference on Organic Electronic Material Technologies (OEMT2018), 20 - 22 Eylül 2018
- XV. **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 Eylül 2018
- XVI. **As A Negative Dielectric Constant Material: Eu_{0.7}Bi_{0.3}Sr₂CaCu₂O_{6.5}**
Katma C., Karabul Y., Kılıç M., Güven Özdemir Z., İçelli O.
Turkish Physical Society 34th International Physical Congress, Muğla, Türkiye, 5 - 09 Eylül 2018
- XVII. **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 Eylül 2018
- XVIII. **Investigation of gamma-ray shielding parameters of Na₂Si₃O₇/Bi₂O₃ glassy composites**
DEMİRBAŞ T., KARABUL Y., KILIÇ M., GÜVEN ÖZDEMİR Z., İÇELLİ O.
4 th International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology, Antalya, Türkiye, 20 Nisan 2018, ss.55

- XIX. **As a shielding glassy structures against gamma rays: epoxy/PbO and epoxy/BaO composites**
ERGİN Y., KARABUL Y., KILIÇ M., GÜVEN ÖZDEMİR Z., İÇELLİ O.
4 th International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology, Antalya, Türkiye, 20 Nisan 2018, ss.54
- XX. **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 Nisan 2018
- XXI. **Investigation of gamma-ray shielding parameters of Na₂Si₃O₇/Bi₂O₃ glassy composites**
DEMİRBAŞ T., KARABUL Y., KILIÇ M., GÜVEN ÖZDEMİR Z., İÇELLİ O.
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- XXII. **Investigation of the variations in Se, Cr, Mn, Zn, Co, Na, K concentrations in blood samples of breast cancer patients**
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