

# MEHMET KILIÇ

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### Learning Knowledge

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Doctorate 2007 - 2014	Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Fizik, Turkey
Postgraduate 2003 - 2007	Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Fizik, Turkey
Undergraduate 1998 - 2003	Yildiz Technical University, Faculty Of Arts & Science, Department Of Physics, Turkey

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### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, ÇİFT MERKEZE DAYALI HOLOGRAFİK BİLGİ SAKLAMA YÖNTEMİNDE ETKİLİ OLAN PARAMETRELER, Yıldiz Technical University, Graduate School of Natural and Applied Sciences, 2014

Postgraduate, Nükleer bağlanma enerjisinde simetri enerjisi teriminin katsayısının hesabı, Yıldiz Technical University, Graduate School of Natural and Applied Sciences, 2007

### Academic Titles / Tasks

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Associate Professor 2020 - Continues	Yildiz Technical University, Faculty Of Arts & Science, Department Of Physics
Assistant Professor 2020 - 2020	Yildiz Technical University, Faculty Of Arts & Science, Department Of Physics
Research Assistant PhD 2014 - 2020	Yildiz Technical University, Faculty Of Arts & Science, Department Of Physics
Research Assistant 2009 - 2014	Yildiz Technical University, Faculty Of Arts & Science, Department Of Physics

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## Supported Projects

1. 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 - Continues
2. Kılıç M., Beyazay E., Güven Özdemir Z., Şahin N., Karabul Y., Alkan Ü., Project Supported by Higher Education Institutions, Bazı Termoplastik Polimerlerin Elektrik ve Mekanik Özelliklerinin Çeşitli Takviye Malzemeleri ve Radyasyon ile Geliştirilmesi, 2020 - 2021
3. Aslan Çataltepe Ö., Güven Özdemir Z., Kılıç M., Project Supported by Higher Education Institutions, Farklı Oksijen Oranlarına Sahip Evropiyum ve Cıva Bazlı Oksit Malzemelerin Manyetik ve Dielektrik Özelliklerinin Çeşitli Uygulamalara Yönelik İncelenmesi, 2018 - 2020
4. GÜVEN ÖZDEMİR Z., KILIÇ M., KAHYA N. D. , ÇAKIR Ö., SÜNGÜ MISIRLIOĞLU B., Project Supported by Higher Education Institutions, BAKIR FERRİT TEMELLİ NANO KOMPOZİTLERİN ÜRETİMİ, DİELEKTRİK ve MANYETİK ÖZELLİKLERİNİN KARAKTERİZASYONLARI, 2017 - 2020
5. 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
6. 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
7. Demirbilek R., Kılıç M., Project Supported by Higher Education Institutions, Çift merkeze dayalı holografik bilgi saklama yönteminde malzeme parametrelerinin rolü, 2012 - 2014

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

1. **Na<sub>2</sub>Si<sub>3</sub>O<sub>7</sub>/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 (Journal Indexed in SCI Expanded)
2. **Low cost radiation shielding material for low energy radiation applications: Epoxy/Yahyali Stone composites**  
Şahin N., Bozkurt M., KARABUL Y., KILIÇ M., Ozdemir Z. G.  
PROGRESS IN NUCLEAR ENERGY, vol.135, 2021 (Journal Indexed in SCI)
3. **Dielectric and magnetic properties of CuFe<sub>2</sub>O<sub>4</sub>/ CuO nanocomposites**  
Kılıç M., Kahya N. D. , Süngü Mısırlıoğlu B., Çakır Ö., Güven Özdemir Z.  
Ferroelectrics, vol.571, no.1, pp.183-189, 2021 (Journal Indexed in SCI)
4. **Structural characterization and dielectric parameters of polyindole/WO<sub>3</sub> nanocomposites**  
Erdoğmez S., Karabul Y., Kılıç M., Ozdemir Z. G. , Esmer K.  
POLYMER COMPOSITES, 2020 (Journal Indexed in SCI)
5. **Mechanical and dielectric behavior of LDPE/Bi-1212 films**  
Alkan U., Kılıç M., Karabul Y., Ozdemir Z.  
MATERIALS TESTING, vol.62, no.9, pp.913-920, 2020 (Journal Indexed in SCI)
6. **Negative real permittivity in (Bi<sub>0.3</sub>Eu<sub>0.7</sub>)Sr<sub>2</sub>CaCu<sub>2</sub>O<sub>6.5</sub> ceramic**  
Kılıç M., Özdemir Z., Karabul Y., Karataş Ö., Çataltepe Ö. A.  
Physica B: Condensed Matter, vol.584, 2020 (Journal Indexed in SCI)
7. **A transition in the electrical conduction mechanism of CuO/CuFe<sub>2</sub>O<sub>4</sub> nanocomposites**  
Ozdemir Z. G. , Kılıç M., Karabul Y., Misirlioglu B., Çakır Ö., Kahya N. D.  
JOURNAL OF ELECTROCERAMICS, vol.44, pp.1-15, 2020 (Journal Indexed in SCI)
8. **Natural additive material for desirable dielectric properties of polypyrrole: Limestone**  
Kılıç M.  
Synthetic Metals, vol.260, 2020 (Journal Indexed in SCI)

9. **Estimation of dielectric parameters of LDPE/PANI composite films depending on temperature and PANI additive concentration by GRNN**  
KILIÇ M., Eyecioglu O., Ozdemir Z., Alkan U.  
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.35, no.2, pp.1077-1087, 2020 (Journal Indexed in SCI)
10. **Na<sub>2</sub>Si<sub>3</sub>O<sub>7</sub>/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 (Journal Indexed in SCI)
11. **Impact of oxygen doping on AC impedence, complex dielectric and electrical modulus spectra of a Hg-Ba-Ca-Cu-O ceramic**  
Cataltepe O. A. , Ozdemir Z., Kılıç M., Onbaşlı Ü.  
MATERIALS TESTING, vol.61, pp.685-689, 2019 (Journal Indexed in SCI)
12. **Availability of water glass/Bi<sub>2</sub>O<sub>3</sub> 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 (Journal Indexed in SCI)
13. **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 (Journal Indexed in SCI)
14. **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 (Journal Indexed in SCI)
15. **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 (Journal Indexed in SCI)
16. **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 (Journal Indexed in SCI Expanded)
17. **The influence of the partially europium substitution on the AC electrical properties of BiSr<sub>2</sub>CaCu<sub>2</sub>O<sub>6.5</sub> 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 (Journal Indexed in SCI Expanded)
18. **X-ray irradiated LDPE/PP blends with high mechanical and dielectric performance**  
Alkan U., Kılıç M., Karabul Y., Çağlar M., İçelli O., Ozdemir Z.  
JOURNAL OF APPLIED POLYMER SCIENCE, vol.135, 2018 (Journal Indexed in SCI)
19. **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, 2018 (Journal Indexed in SCI)
20. **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 (Journal Indexed in SCI)
21. **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 (Journal Indexed in SCI)
22. **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 (Journal Indexed in SCI)
23. **Synthesis and characterization of EuBa<sub>2</sub>Ca<sub>2</sub>Cu<sub>3</sub>O<sub>9-x</sub>: 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 (Journal Indexed in SCI)
  24. **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, pp.578-590, 2017 (Journal Indexed in SCI)
  25. **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 (Journal Indexed in SCI)
  26. **Structure and Impedance Properties of Some Basalt Materials Under Magnetic Field**  
Cinar M., Kılıç M., Karabul Y., Canli N. Y. , Alkan U., Okutan M., İçelli O.  
JOURNAL OF NANOELECTRONICS AND OPTOELECTRONICS, vol.11, pp.477-483, 2016 (Journal Indexed in SCI)
  27. **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 (Journal Indexed in SCI)
  28. **The impact of NiPc additive and laser light dielectric properties of E63 nematic liquid crystal**  
Kılıç M., Ozdemir Z., Canli N. Y. , Bulgurcuoğlu A. E. , Koysal O., Yılmaz O., Okutan M.  
FERROELECTRICS, vol.505, pp.102-113, 2016 (Journal Indexed in SCI)
  29. **Molecular orientation of nickel phthalocyanine doped nematic liquid crystal composite under magnetic field**  
Ozdemir Z., Canli N. Y. , Kılıç M., Koysal O., Yılmaz O., Okutan M.  
MOLECULAR CRYSTALS AND LIQUID CRYSTALS, vol.634, pp.1-11, 2016 (Journal Indexed in SCI)
  30. **The parameters that play role in numerical parameter variation in two-center holographic recording in photorefractive lithium niobate (LiNbO<sub>3</sub>) and strontium barium niobate (Sr<sub>x</sub>Ba<sub>1-x</sub>Nb<sub>2</sub>O<sub>6</sub>)**  
Demirbilek R., Kılıç M.  
PHYSICA STATUS SOLIDI A-APPLICATIONS AND MATERIALS SCIENCE, vol.210, pp.1641-1646, 2013 (Journal Indexed in SCI)

## Articles Published in Other Journals

1. **Application of Supervised Machine Learning Regression Algorithm to Prediction of Dielectric Properties of PPy/Kufeki Stone Composites for Energy Implementations**  
Eyecioğlu Ö., Karabul Y., Kılıç M., Güven Özdemir Z.  
Gazi University Journal of Science, vol.35, no.1, pp.1-20, 2022 (Journal Indexed in ESCI)
2. **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, vol.16, pp.256-266, 2019 (Other Refereed National Journals)
3. **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 (Other Refereed National Journals)
4. **Prediction of Dielectric Properties of Polypropylene/Polyaniline Composite Films By Artificial Neural Networks Model**  
Eyecioğlu Ö., Kılıç M., Güven Özdemir Z.  
Gazi Üniversitesi Fen Bilimleri Dergisi Part: C Tasarım ve Teknoloji, vol.6, pp.787-802, 2018 (National Refreed University Journal)
5. **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 (National Refreed University Journal)

6. **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 (National Refreed University Journal)

7. **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 (Other Refereed National Journals)

8. **The Assistance of The Numeric Calculations for Estimation of Required Parameters of Photorefractive Crystals for Two Center Holographic Recording**

Demirbilek R., Kılıç M.

Sigma: Journal of Engineering and Natural Sciences, vol.28, no.1, pp.1-8, 2010 (National Refreed University Journal)

### Refereed Congress / Symposium Publications in Proceedings

1. **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, Turkey, 1 - 05 September 2021, pp.234

2. **Mechanical Properties of LDPE/BiSr<sub>2</sub>CaCu<sub>2</sub>O<sub>6.5</sub> Composite Films**

Kılıç M.

ULUSLARARASI ANKARA BİLİMSEL ARAŞTIRMALAR KONGRESİ, Ankara, Turkey, 4 - 06 October 2019, pp.413

3. **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, Turkey, 4 - 06 October 2019, pp.411-412

4. **The Complex Permittivity and AC Conductivity Analysis of PIn/Nano Structured WO<sub>3</sub> 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

5. **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, Turkey, 5 - 07 April 2019, pp.15-16

6. **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

7. **Comparison of The Structural and AC Impedance Properties of PIn/Na<sub>2</sub>SiO<sub>3</sub> and PIn/Na<sub>2</sub>B<sub>4</sub>O<sub>7</sub> 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

8. **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

9. **Application of Artificial Neural Network Method for the Prediction of Frequency and Temperature Dependent Electrical Parameters of a Bi-Based Ceramic Material**

- Arı A. M., Karabul Y., Kılıç M., Eyecioğlu Ö., Güven Özdemir Z.  
4. Uluslararası Mesleki ve Teknik Bilimler Kongresi (UMTEB), Erzurum, Turkey, 7 - 09 December 2018, pp.156
10. **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, Turkey, 4 - 06 October 2019, pp.509-510
11. **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
12. **Temperature Dependent Magnetization and Dielectric Properties Of Copper Ferrite/Copper Oxide Nano Composites**  
Kılıç M., Güven Özdemir Z., Süngü Mısırlıoğlu B., Çakır Ö., Kahya N. D. , Acet M.  
3rd International Conference on Organic Electronic Material Technologies (OEMT2018), Kırklareli, Turkey, 20 - 22 September 2018, pp.156
13. **Mechanical Performance of PP/BiSr<sub>2</sub>CaCu<sub>2</sub>O<sub>6.5</sub> 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
14. **Radiation Shielding Ability of Basalt Reinforced Epoxy**  
Kara H., Karabul Y., Kılıç M., Güven Özdemir Z., İçelli O.  
Turkish Physical Society 34th International Physical Congress, Muğla, Turkey, 5 - 09 September 2018, pp.403
15. **Complex Impedance and Dielectric Spectra of Epoxy/Kufeki Stone Composites**  
Topuz S., Karabul Y., Kılıç M., Güven Özdemir Z., İçelli O.  
Turkish Physical Society 34th International Physical Congress, Muğla, Turkey, 5 - 09 September 2018, pp.452
16. **As A Negative Dielectric Constant Material: Eu<sub>0.7</sub>Bi<sub>0.3</sub>Sr<sub>2</sub>CaCu<sub>2</sub>O<sub>6.5</sub>**  
Katma C., Karabul Y., Kılıç M., Güven Özdemir Z., İçelli O.  
Turkish Physical Society 34th International Physical Congress, Muğla, Turkey, 5 - 09 September 2018
17. **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
18. **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
19. **Investigation of gamma-ray shielding parameters of Na<sub>2</sub>Si<sub>3</sub>O<sub>7</sub>/Bi<sub>2</sub>O<sub>3</sub> glassy composites**  
Demirbay T., Karabul Y., Kılıç M., Güven Özdemir Z., İçelli O.  
4 th International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT2018), Antalya, Turkey, 20 - 22 April 2018, pp.55
20. **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 October 2017, pp.353
21. **Dielectric Spectra of Copper Ferrite/Copper Oxide Nano Composites**  
Güven Özdemir Z., Kılıç M., Süngü Mısırlıoğlu B., Çakır Ö., Kahya N. D.  
2nd International Conference on Material Science and Technology in Cappadocia (IMSTEC'17), Nevşehir, Turkey, 11 - 13 October 2017, pp.125
22. **Sodium Silicate/Wolfram Glassy Composites: Investigation of Shielding and Dielectric Parameters**  
Karabul Y., Kılıç M., Güven Özdemir Z., Çağlar M., İçelli O.  
2nd International Conference on Material Science and Technology in Cappadocia (IMSTEC'17), Nevşehir, Turkey,

11 - 13 October 2017, pp.169

23. **LDPE/ PP Composites: Dielectric and Mechanical Properties Under Low Level Radiation**  
Kılıç M., Alkan Ü., Güven Özdemir Z., Karabul Y., Çağlar M., İçelli O.  
2nd International Conference on Material Science and Technology in Cappadocia (IMSTEC'17), Nevşehir, Turkey,  
11 - 13 October 2017, pp.321
24. **Temperature Dependent Dielectric Properties of EuxBi1-xSr2CaCu2O6.5 (x=0, 0.3, 0.5) Ceramic Composites**  
Kılıç M., Güven Özdemir Z., Karabul Y., İçelli O.  
2nd International Conference on Material Science and Technology in Cappadocia (IMSTEC'17), Nevşehir, Turkey,  
11 - 13 October 2017, pp.168
25. **Mechanical and Dielectric Characterization of Polypropylene/Basalt Films Under Gamma-Ray Irradiation**  
Karabul Y., Alkan Ü., 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.322
26. **Investigation of Shielding Properties: Sodium Silicate/Kufeki Glassy Structure**  
Bulgurcuoğlu A. E. , Karabul Y., Kılıç M., Çağlar 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.256
27. **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
28. **Mechanical and Dielectric Properties of Low Density Polyethylene/Borax Composites**  
Alkan Ü., Kılıç M., Karabul Y., İçelli O.  
Turkish Physical Society 33rd International Physics Congress, Muğla, Turkey, 06 September 2017, pp.177
29. **Polythiophene/Basalt Composites: Synthesis, Structural Analysis and Dielectric Properties**  
Bilen O., Karabul Y., Erdönmez S., Kılıç M., Güven Özdemir Z.  
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30. **Structural and Dielectric Properties of Polypropylene/Volcanic Basalt Rock Thick Film Composites**  
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