

# MEHMET KILIÇ

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: AAZ-6861-2020

ScopusID: 55659874800

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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

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## Supported Projects

1. KILIÇ M., EYECİOĞLU Ö., KALKAN N. E., Project Supported by Higher Education Institutions, EpoksiAg Mikro ve Nano Kompozitlerin İyonize Radyasyonu Zırhlama Performansları ile Kapasitif Özelliklerinin Belirlenmesi ve Makine Öğrenmesi ile Optimizasyonu, 2022 - Continues
2. Köybaşı E., Kılıç M., TUBITAK Project, Biyobozunur ve Çevre Dostu Kompozit Ambalaj Malzemesi Üretimi ve Mekanik Dayanıklılık Özelliklerinin Tespiti, 2022 - 2023
3. Ertaş K. S., Kılıç M., TUBITAK Project, Polyester Tabanlı Baryum Oksit Nano Kompozitlerin Üretimi ve Radyoterapi Merkezlerinde Kullanım Potansiyellerinin Belirlenmesi, 2022 - 2023
4. KILIÇ M., İÇ S., Project Supported by Higher Education Institutions, Yitrium ve Evropiyum Bazlı Bakır Oksit Tabakalı Seramikler Üretimi Empedans Özelliklerinin Tespiti ve Yapay Zeka ile Optimizasyonu, 2021 - 2023
5. 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
6. 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
7. 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
8. 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
9. 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
10. 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
11. Demirbilek R., Kılıç M., Project Supported by Higher Education Institutions, Çift merkeze dayalı holografik bilgi saklama yönteminde malzeme parametrelerinin rolü, 2012 - 2014

## Published journal articles indexed by SCI, SSCI, and AHCI

1. **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, vol.696, 2025 (SCI-Expanded)
2. **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, vol.141, no.12, 2024 (SCI-Expanded)
3. **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., ESMER K.  
Polymer International, vol.73, no.1, pp.9-20, 2024 (SCI-Expanded)
4. **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, vol.140, pp.1-12, 2023 (SCI-Expanded)

5. **Analyses of negative real permittivity behavior, AC conductivity and impedance properties of  $(Y_xEu_{1-x})Ba_2Cu_3O_{6.5}$  ceramics**  
İç S., Kalkan N. E., Karabul Y., Özdemir Z. G., Kılıç M.  
Ceramics International, vol.49, no.14, pp.23546-23557, 2023 (SCI-Expanded)
6. **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, vol.138, no.7, 2023 (SCI-Expanded)
7. **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, vol.155, 2023 (SCI-Expanded)
8. **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, vol.128, 2022 (SCI-Expanded)
9. **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, vol.139, no.39, 2022 (SCI-Expanded)
10. **PCz/BaO nanocomposites: Synthesis, characterization, and energy storage properties**  
BEYAZAY E., KARABUL Y., KILIÇ M., EKEN KORKUT S., Ozdemir Z.  
PHYSICA B-CONDENSED MATTER, vol.634, 2022 (SCI-Expanded)
11. **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, vol.626, 2022 (SCI-Expanded)
12. **Radiation shielding performances of Na<sub>2</sub>SiO<sub>3</sub> based low-cost micro and nano composites for diagnostic imaging**  
Bozkurt M., ŞAHİN N., KARABUL Y., KILIÇ M., Özdemir Z.  
PROGRESS IN NUCLEAR ENERGY, vol.143, 2022 (SCI-Expanded)
13. **Na<sub>2</sub>SiO<sub>3</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 (SCI-Expanded)
14. **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, vol.135, 2021 (SCI-Expanded)
15. **Structural characterization and dielectric parameters of polyindole/WO<sub>3</sub> nanocomposites**  
Erdonmez S., Karabul Y., Kılıç M., Ozdemir Z. G., Esmer K.  
POLYMER COMPOSITES, vol.42, no.3, pp.1347-1355, 2021 (SCI-Expanded)
16. **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 (SCI-Expanded)
17. **Mechanical and dielectric behavior of LDPE/Bi-1212 films**  
Alkan U., Kilic M., Karabul Y., Ozdemir Z.  
MATERIALS TESTING, vol.62, no.9, pp.913-920, 2020 (SCI-Expanded)
18. **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 (SCI-Expanded)

19. **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 (SCI-Expanded)
20. **Natural additive material for desirable dielectric properties of polypyrrole: Limestone**  
Kılıç M.  
Synthetic Metals, vol.260, 2020 (SCI-Expanded)
21. **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 (SCI-Expanded)
22. **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 (SCI-Expanded)
23. **Impact of oxygen doping on AC impedance, 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 (SCI-Expanded)
24. **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 (SCI-Expanded)
25. **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)
26. **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)
27. **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)
28. **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)
29. **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 (SCI-Expanded)
30. **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 (SCI-Expanded)
31. **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)
32. **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)

33. **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)
34. **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)
35. **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 (SCI-Expanded)
36. **Gamma-ray irradiation effect on mechanical and dielectric properties of volcanic basalt mineral reinforced low density polyethylene films**  
Kılıç M., Karabul Y., Alkan U., Yağcı Ö., Okutan M., Okutan M., İçelli O.  
Physicochemical Problems of Mineral Processing, vol.53, no.1, pp.578-590, 2017 (SCI-Expanded)
37. **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)
38. **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)
39. **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, no.1, pp.1-11, 2016 (SCI-Expanded)
40. **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)
41. **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 (SCI-Expanded)
42. **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 (SCI-Expanded)

## Articles Published in Other Journals

1. **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, vol.35, no.1, pp.235-254, 2022 (Scopus)
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 (Peer-Reviewed Journal)
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 (Peer-Reviewed Journal)

4. **Prediction of Dielectric Properties of Polypropylene/Polyaniline Composite Films By Artificial Neural Networks Model**  
Eyeciođlu Ö., Kılıç M., Güven Özdemir Z.  
Gazi Üniversitesi Fen Bilimleri Dergisi Part: C Tasarım ve Teknoloji, vol.6, pp.787-802, 2018 (Peer-Reviewed 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 (Peer-Reviewed 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 (Peer-Reviewed Journal)
7. **Artificial Neural Networks Study on Prediction of Dielectric Permittivity of Basalt/PANI Composites**  
Eyeciođlu 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)
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 (ESCI)

## Books & Book Chapters

1. **Polypropylene-based Composites: A Better Alternative to Conventional Radiation Shielding Materials**  
Kılıç M., Karabul Y., Güven Özdemir Z.  
in: Polypropylene Advances in Research and Applications , Théodore Marleau, Editor, NOVA Science Publishers Inc. , New York, pp.109-154, 2022

## Refereed Congress / Symposium Publications in Proceedings

1. **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, Muđla, Turkey, 31 August - 04 September 2022, pp.304
2. **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, Muđla, Turkey, 1 - 05 September 2021, pp.234
3. **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
4. **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
5. **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
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. **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
8. **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
9. **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
10. **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
11. **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
12. **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 September 2018
13. **Mechanical Performance of PP/BiSr<sub>2</sub>CaCu<sub>2</sub>O<sub>6.5</sub> 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 September 2018
14. **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.  
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## Research Areas

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