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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAC-7835-2020

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Education Information

Doctorate, Istanbul University, Fen Fakültesi/Fen Bilimleri Enstitüsü, Fizik Bölümü/Genel Fizik Anabilim Dalı, Turkey 2009 - 2015

Postgraduate, Istanbul University, Fen Fakültesi/Fen Bilimleri Enstitüsü, Fizik Bölümü/Genel Fizik Anabilim Dalı, Turkey 2006 - 2009

Undergraduate, Abant İzzet Baysal Üniversitesi, Fen_Edebiyat Fakültesi, Fizik Bölümü, Turkey 2000 - 2005

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Plazma Polietilen Oksit İnce Filmleriinin Dielektrik, Yapısal, Çapraz Bağ Özelliklerinin İncelenmesi, Istanbul University, Faculty of Science, Fizik Bölümü/Genel Fizik Anabilim Dalı, 2015

Postgraduate, Antimon Tellür Bileşiğinin elektriksel Özellikleri, Istanbul University, Faculty of Science, Fizik Bölümü/Genel Fizik Anabilim Dalı, 2009

Research Areas

Physics, Intensive Article 2: Electronic Structure, Electric, Magnetic and Optical Properties, Electronic structure of bulk material, Polymeric Materials, Natural Sciences

Academic Titles / Tasks

Associate Professor, Istanbul University, Faculty of Science, Department of Physics, 2022 - Continues

Assistant Professor, Istanbul University, Faculty of Science, Department of Physics, 2018 - 2022

Assistant Professor, Istanbul University, Faculty of Science, Department of Physics, 2016 - 2018

Research Assistant, Istanbul University, Faculty of Science, Department of Physics, 2010 - 2016

Courses

Fizik Laboratuvarı III, Undergraduate, 2020 - 2021, 2019 - 2020, 2017 - 2018, 2016 - 2017
Geometrik Optik, Undergraduate, 2020 - 2021, 2018 - 2019
İLERİ FİZİK UYGULAMALARI II, Undergraduate, 2020 - 2021, 2019 - 2020, 2017 - 2018
Elipsometri, Postgraduate, 2020 - 2021, 2019 - 2020
Plazma polimerler, Postgraduate, 2020 - 2021, 2019 - 2020
BİYOMEDİKAL UYGULAMALAR İÇİN POLİMER İNCE FİLMLE, Undergraduate, 2020 - 2021, 2019 - 2020
BİYOMEDİKAL UYGULAMALAR İÇİN POLİMER İNCE FİLMLE, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019
İleri Fizik Uygulamaları I, Undergraduate, 2020 - 2021
Fizik III, Undergraduate, 2019 - 2020
Fizik III, Undergraduate, 2018 - 2019
Genel Fizik II, Undergraduate, 2017 - 2018
DÜZ VE KISMİ TÜREVLİ DİFERANSİYEL DENKLEMLER, Undergraduate, 2017 - 2018
Analiz III, Undergraduate, 2017 - 2018
Fizik, Undergraduate, 2017 - 2018
DÜZ VE KISMİ TÜREVLİ DİFERANSİYEL DENKLEMLER, Undergraduate, 2017 - 2018
Genel Fizik, Undergraduate, 2016 - 2017
Temel Bilgi Teknolojisi kullanımı, Undergraduate, 2016 - 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Thickness-dependent glass transition temperature of hydroxyethyl cellulose thin films based on dielectric properties**
Ulutas K., YAKUT Ş., BOZOĞLU PARTO D., Tankul M. I., Deger D.
Journal of Applied Polymer Science, vol.141, no.14, 2024 (SCI-Expanded)
- II. **Thickness dependence of dielectric properties of TiGaS₂ thin films**
Cicek Z., YAKUT S., DEGER D., Bozoglu D., Mustafaeva S., Ismailova P., Hasanov A., Ulutas K.
MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING, vol.166, 2023 (SCI-Expanded)
- III. **Polarization mechanisms of TiSbS₂ thin films**
YAKUT Ş., Deger D., BOZOĞLU PARTO D., Ulutas K.
Journal of Optoelectronics and Advanced Materials, vol.25, no.5-6, pp.294-301, 2023 (SCI-Expanded)
- IV. **Investigation of dielectric properties of PEGMEA/PEGDA nanocomposites containing in-situ photochemically prepared γ -Fe₂O₃ nanocrystals**
Kirtay H., Yakut S., Deger D., Ulutas K., ARSU N.
MATERIALS RESEARCH BULLETIN, vol.153, 2022 (SCI-Expanded)
- V. **Dielectric spectra of polythiophene nanoparticles synthesized at different magnetic flux densities.**
Journal of Optoelectronics and Advanced Materials
Serin M., Yakut Ş., Ulutaş H. K., Çalışkan M., Bozoğlu Parto D., Ulutaş D., Hüner K., Karaman F.
JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, vol.24, no.5-6, pp.286-292, 2022 (SCI-Expanded)
- VI. **Dielectric spectra of polythiophene nanoparticles synthesized at different magnetic flux densities**
SERİN M., Yakut S., Ulutas K., ÇALIŞKAN M., Bozoglu D., Deger D., HÜNER K., KARAMAN F.
JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, vol.24, no.5-6, pp.286-292, 2022 (SCI-Expanded)
- VII. **Frequency, temperature-dependent behavior of dielectric properties and determination of glass transition temperature of polyethylene thin film**
Yakut Ş.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.36, no.2, pp.1105-1118, 2021 (SCI-Expanded)
- VIII. **Thickness dependence of dielectric properties and glass transition temperature of bitumen**
Kara T., Bozoglu D., Yardim S., Sitalbay B. D., Yakut Ş., Deger D., Ulutas K.

ROAD MATERIALS AND PAVEMENT DESIGN, vol.22, no.7, pp.1637-1653, 2021 (SCI-Expanded)

- IX. **Dielectric relaxation spectrum of TlSe thin films**
Yakut Ş.
JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, vol.22, no.1-2, pp.89-92, 2020 (SCI-Expanded)
- X. **A theoretical approach to conductivity**
Saglam U., Ulutas K., Parim Y., Yakut Ş., Deger D.
INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS, vol.17, no.1, 2020 (SCI-Expanded)
- XI. **Thickness dependence of AC conductivity in TlSe thin films**
Saglam U., Yakut Ş., Karabak B., Bozoglu D.
CANADIAN JOURNAL OF PHYSICS, vol.97, no.11, pp.1182-1184, 2019 (SCI-Expanded)
- XII. **Effect of thickness on the dielectric properties and glass transition of plasma poly(ethylene oxide) thin films**
Yakut S., Ulutas K., Deger D.
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.104, 2019 (SCI-Expanded)
- XIII. **Structural and dielectrical characterization of low-k polyurethane composite films with silica aerogel**
Bozoglu D., Deligoz H., Ulutas K., Yakut Ş., Deger D.
JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS, vol.130, pp.46-57, 2019 (SCI-Expanded)
- XIV. **Influence of Bi on dielectric properties of GaAs_{1-x}Bi_x alloys**
Ulutas K., Yakut Ş., Bozoglu D., Deger D., Arslan M., Erol A.
MATERIALS SCIENCE-POLAND, vol.37, no.2, pp.244-248, 2019 (SCI-Expanded)
- XV. **Ionic conductivity of PVdF-co-HFP/LiClO₄ in terms of free volume defects probed by positron annihilation lifetime spectroscopy**
Yahşi U., Deligoz H., Tav C., Ulutas K., Deger D., Yilmazturk S., Erdemci G., Coskun B., Yilmazoglu M., Yakut Ş.
RADIATION EFFECTS AND DEFECTS IN SOLIDS, vol.174, no.3-4, pp.214-228, 2019 (SCI-Expanded)
- XVI. **Dielectric properties of TlInSe₂ ternary compound**
Yakut Ş., Kalkan N., Bas H., Ulutas K., Deger D.
JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, vol.20, no.11-12, pp.657-660, 2018 (SCI-Expanded)
- XVII. **Dielectric properties of AuNPs/PEGMEA/PEGDA nanocomposite film prepared with an alpha-amino ketone by in-situ photochemical method**
Yakut Ş., Ulutas K., Bozoglu D., Adibelli M., Ceper T., Arsu N., Deger D.
PHYSICA B-CONDENSED MATTER, vol.542, pp.6-11, 2018 (SCI-Expanded)
- XVIII. **Dielectric properties and conductivity of PVdF-co-HFP/LiClO₄ polymer electrolytes**
Ulutas K., YAHŞI U., Deligoz H., TAV C., Yilmazturk S., Yilmazoglu M., ERDEMCI G., Coskun B., Yakut Ş., Deger D.
CANADIAN JOURNAL OF PHYSICS, vol.96, no.7, pp.786-791, 2018 (SCI-Expanded)
- XIX. **Plasma discharge power dependent AC conductivity of plasma poly(ethylene oxide) thin films**
Yakut Ş., Ulutas K., Deger D.
THIN SOLID FILMS, vol.645, pp.269-277, 2018 (SCI-Expanded)
- XX. **Dielectric and Raman spectroscopy of TlSe thin films**
Ozel A., Deger D., Celik S., Yakut Ş., Karabak B., Akyuz S., Ulutas K.
PHYSICA B-CONDENSED MATTER, vol.527, pp.72-77, 2017 (SCI-Expanded)
- XXI. **Dielectric properties of plasma polymerized poly(ethylene oxide) thin films**
Yakut Ş., Ulutas H. K., MELNICHUK I., CHOUKOUROV A., BIEDERMAN H., Deger D.
THIN SOLID FILMS, vol.616, pp.279-286, 2016 (SCI-Expanded)
- XXII. **Dielectric properties and ac conductivity of TlSbTe₂ thin films**
Deger D., Ulutas K., Yakut Ş., Kara H.
MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING, vol.38, pp.1-7, 2015 (SCI-Expanded)
- XXIII. **Structure and dielectric behavior of TlSbS₂**
Parto M., Deger D., Ulutas K., Yakut Ş.
APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING, vol.112, no.4, pp.911-918, 2013 (SCI-Expanded)

XXIV. AC CONDUCTIVITY AND DIELECTRIC PROPERTIES OF Al₂O₃ THIN FILMS

Deger D., Ulutas K., Yakut Ş.

JOURNAL OF OVONIC RESEARCH, vol.8, no.6, pp.179-188, 2012 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **AC conductivity of (TiGaS₂)_{0.98} (AgGaS₂)_{0.02} thin film sample**
Ulutaş H. K., Yakut Ş., Bozoğlu Parto D., Sağlam U., Mustafaeva S., Kerimova E., Jafarova S., Değer D.
Turkish Physical Society 34th International Physics Congress, Muğla, Turkey, 5 - 09 September 2018, pp.148
- II. **Effect of thickness on dielectric properties of superhydrophobic silica aerogel doped polyurethane films**
Bozoğlu Parto D., Yakut Ş., Ulutaş H. K., Sağlam U., Potok O., Değer D.
Turkish Physical Society 34th International Physics Congress, Muğla, Turkey, 5 - 09 September 2018, pp.159
- III. **Thickness dependence of thermally activation for plasma poly(ethylene oxide) (PPEO)**
Yakut Ş., Ulutaş H. K., Bozoğlu Parto D., Sağlam U., Değer D.
Turkish Physical Society 34th International Physics Congress, Muğla, Turkey, 5 - 09 September 2018, pp.191
- IV. **Dielectric properties of TlSe thin films at radio wave frequencies**
Bozoğlu Parto D., Yakut Ş., Ulutaş H. K., Sağlam U., Potok O., Değer D.
Turkish Physical Society 34th International Physics Congress, Muğla, Turkey, 5 - 09 September 2018, pp.155
- V. **AC conductivity mechanisms in TlSe thin films**
Sağlam U., Yakut Ş., Ulutaş H. K., Bozoğlu Parto D., Değer D.
Turkish Physical Society 34th International Physics Congress, Muğla, Turkey, 5 - 09 September 2018, pp.148
- VI. **Temperature dependence of dielectric properties of superhydrophobic silica aerogel doped polyurethane films**
Bozoğlu Parto D., Yakut Ş., Ulutaş H. K., Sağlam U., Değer D.
Turkish Physical Society 34th International Physics Congress, Muğla, Turkey, 5 - 09 September 2018, pp.186
- VII. **Thickness dependence of AC conductivity in TlSe thin films**
Yakut Ş., Ulutaş H. K., Bozoğlu Parto D., Sağlam U., Değer D.
Turkish Physical Society 34th International Physics Congress, Muğla, Turkey, 5 - 09 September 2018, pp.190
- VIII. **Dielectric Relaxation Behavior of Superhydrophobic silica aerogel**
Bozoğlu Parto D., Yakut Ş., Ulutaş H. K., Sağlam U., Değer D.
Turkish Physical Society 34th International Physics Congress, Muğla, Turkey, 5 - 09 September 2018, pp.154
- IX. **A nonlinear approach to conductivity**
Sağlam U., Ulutaş H. K., Parim Y., Yakut Ş., Bozoğlu Parto D., Değer D.
Turkish Physical Society 34th International Physics Congress, Muğla, Turkey, 5 - 09 September 2018, pp.147
- X. **Superhydrophobic silica aerogel doping dependence of dielectric properties for polyurethane composite films**
Bozoğlu Parto D., Yakut Ş., Ulutaş H. K., Sağlam U., Değer D.
Turkish Physical Society 34th International Physics Congress, Muğla, Turkey, 5 - 09 September 2018, pp.185
- XI. **A Comparison of Dielectric Properties of TiGaS₂ Bulk and Thin Film Samples**
Bozoğlu D., Yakut Ş., Ulutaş H. K., Kerimova E., Mustafaeva S., Jafarova S., Değer D.
Türk Fizik Derneği 33. Uluslararası Fizik Kongresi, Muğla, Turkey, 6 - 10 September 2017, pp.154
- XII. **Dielectric Properties Of Thallium Gallium Sulfide (TiGaS₂) Material.**
Değer D., Ulutaş H. K., Yakut Ş., Bozoğlu Parto D., Kerimova E., Mustafaeva S., Jafarova S.
Turkish Physical Society 33th International Physics Congress, Muğla, Turkey, 6 - 10 September 2017, pp.155
- XIII. **A comparison of ac conductivity for bulk and thin film TiGaS₂ samples**
YAKUT Ş., ULUTAŞ H. K., BOZOĞLU PARTO D., Kerimova E., Mustafaeva S., Jafarova S., ULUTAŞ D.
Turkish Physical Society 33rd International Physics Congress, Muğla, Turkey, 6 - 10 September 2017, pp.154
- XIV. **Dielectric Relaxation in TiGaS₂ Thin Films**
Kuşkonmaz B., Değer D., Yakut Ş., Bozoğlu D., Kerimova E., Mustafaeva S., Jafarova S., Ulutaş H. K.

" Turkish Physical Society 33 nd International Physics Congress, Muğla, Turkey, 6 - 10 September 2017, pp.504

- XV. **Behaviour of Ac conductivity of TlGaS₂ bulk and thin films**
Ulutaş H. K., Yakut Ş., Bozoğlu Parto D.
33nd International Physics Congress , Muğla, Turkey, 6 - 10 September 2017, pp.5
- XVI. **Comparison of DC and AC Conductivity of PolyesterComposite Films Doped by Polypyrrole and CoFe₂O₄ Nanoparticles.**
Öztürk Yılmaz E., Gürkaynak Altınçekiç T., Yakut Ş., Ulutaş H. K., Bozoğlu Parto D., Değer D.
Turkish Physical Society 33th International Physics Congress, Muğla, Turkey, 6 - 10 September 2017, pp.5
- XVII. **Capacitive Behavior of TlGaS₂ Thin Film Samples**
Ulutaş H. K., Bozoğlu Parto D., Yakut Ş., Kerimova E., Mustafaeva S., Jafarova S., Değer D.
Turkish Physical Society 33th International Physics Congress, Muğla, Turkey, 6 - 10 September 2017, pp.154
- XVIII. **Dielectric Properties of Plasma Poly(ethylene oxide)**
Ulutaş H. K., Yakut Ş., Değer D.
5th International Conference: Dusty Plasmas in Applications, Odesa, Ukraine, 25 - 30 August 2017, pp.1
- XIX. **Behaviour of Dielectric Relaxation in TlSe Thin Films**
Değer D., Ulutaş H. K., Karabak B., Yakut Ş.
5th International Conference: Dusty Plasmas in Applications, Odesa, Ukraine, 25 - 30 August 2017, pp.1
- XX. **Investigation of a relationship between Free Volume and Ionic Conductivity of PVdF-co-HFP with Ionic Liquid**
Yakut Ş., Yahşi U., Tav C., Erdemci G., Coşkun B., Deligöz H., Yilmaztürk S., Yilmazoğlu M., Ulutaş H. K., Ulutaş D.
Joint Science Congress of Materials and Polymers (ISCMP), Ohrid, Macedonia, 25 - 28 August 2017, pp.7
- XXI. **Effect of Plasma Discharge Power on Activation Energies of Plasma Poly(Ethylene Oxide) Thin Films**
Yakut Ş., Ulutaş H. K., Ulutaş D.
19th International Conference on Thin Film Technology and Applications, Kobenhavn, Denmark, 10 - 13 June 2017, pp.1-2
- XXII. **Characterisation Of Polyester Composite Films Doped Magnetic Nanoparticles**
Yılmaz E., Gürkaynak Altınçekiç T., Deligöz H., Açıkgöz M., Ulutaş H. K., Yakut Ş., Değer D.
Turkish Physical Society 32th International Physics Congress, Muğla, Turkey, 6 - 09 September 2016, pp.105
- XXIII. **Dielectric Properties Of Asphalt Materials**
Kara T., Ulutaş H. K., Yardım M., Değer B., Yakut Ş., Değer D.
Turkish Physical Society 32th International Physics Congress, Muğla, Turkey, 6 - 09 September 2016, pp.95
- XXIV. **INVESTIGATION OF DIELECTRIC PROPERTIES OF THE TREE BIRCH**
Gökçe Ö., İnal S., Ulutaş H. K., Yakut Ş., Demirtaş Ç., Değer D.
TURKISH PHYSICAL SOCIETY 32ND INTERNATIONAL PHYSICS CONGRESS, Muğla, Turkey, 6 - 09 September 2016, pp.319
- XXV. **AC CONDUCTIVITY DEPENDENCE OF FREQUENCY AND TEMPERATURE IN SHELL OF BETULA**
Alten E., Ulutaş H. K., Yakut Ş., Demirtaş Ç., Ünsalan O., Ulutaş D.
TURKISH PHYSICAL SOCIETY 32ND INTERNATIONAL PHYSICS CONGRESS, Muğla, Turkey, 6 - 09 September 2016, pp.329
- XXVI. **The Thickness Dependent Dielectric Properties Of Plasma Polymerized Polyethylene Oxide (Ppeo) Thin Films Deposited At 5 W Plasma Discharge Power**
Yakut Ş., Ulutaş H. K., Choukourov A., Biederman H., Ulutaş D. D., Değer D.
Turkish Physical Society 32th International Physics Congress, Muğla, Turkey, 6 - 09 September 2016, pp.110
- XXVII. **FREQUENCY AND TEMPERATURE DEPENDENCE OF AC CONDUCTIVITY OF TLGAS₂ COMPOUND**
Özcan R., Yakut Ş., Kara T., Ulutaş D.
TURKISH PHYSICAL SOCIETY 32ND INTERNATIONAL PHYSICS CONGRESS, Muğla, Turkey, 6 - 09 September 2016, pp.325
- XXVIII. **Plasma Discharge Power Dependent Alternative Conductivity Plasma Polymerized Polyethylene Oxide (Ppeo) Thin Films**
Yakut Ş., Değer D., Ulutaş H. K.
80th PMM conference self-assembly in the World of Polymers, Praha, Czech Republic, 4 - 09 June 2016, pp.186

- XXIX. **Dielectric Properties of bitumen materials**
 Ulutaş H. K., Değer D., Yakut Ş., Bozoğlu Parto D.
 9th International Physics Conference of Balkan Physical Union, Muğla, Turkey, 24 - 27 August 2015, pp.5
- XXX. **Dielectric properties of plasma polymerized polyethylene oxide (PEO) thin films at different plasma discharge conditions**
 Yakut Ş., Değer D., Ulutaş H. K., Melnichuk I., Choukourov A., Biederman H.
 9th International Physics Conference of Balkan Physical Union, İstanbul, Turkey, 24 - 27 August 2015, pp.1
- XXXI. **Structure and dielectric properties of oleic acid coated CoFe₂O₄ nanoparticles**
 Yılmaz E., Gürkaynak Altınçekiç T., Değer D., Açıkgöz M., Ulutaş H. K., Yakut Ş.
 9th International Physics Conference of Balkan Physical Union, İstanbul, Turkey, 24 - 27 August 2015, pp.2
- XXXII. **ac conductivity of Fe₃O₄ nanoparticles doped chitosan films**
 Yılmaz E., Ulutaş H. K., Değer D., Yakut Ş., Gürdağ G.
 15th International Conference on nanotechnology, Rome, Italy, 27 - 30 July 2015, pp.1
- XXXIII. **AC CONDUCTIVITY OF CoFe₂O₄ NANOPARTICLES SYNTHESIZED BY POLYOL METHOD**
 Yılmaz E., Gürkaynak T., Deligoz H., Deger D., Ulutas K., Yakut Ş.
 IEEE NANO 2015 15th INTERNATIONAL CONFERENCE ON NANOTECHNOLOGY, Rome, Italy, 27 - 30 July 2015, pp.271-273
- XXXIV. **Thickness Dependence of Dielectric Properties in Plasma poly ethylene oxide (pPEO) Thin Films**
 Ulutaş H. K., Değer D., Yakut Ş.
 Turkish Physical Society 31th International Physics Congress, Muğla, Turkey, 21 - 24 July 2014, pp.113
- XXXV. **Dielectric investigation on biological cells**
 Ulutaş H. K., Değer D., Yakut Ş., Uygun N., Oruç E.
 9 th Liquid Matter Conference, Lisbon, Portugal, 21 - 25 July 2014, pp.388
- XXXVI. **Dielektrik Spektroskopisi ve Uygulamaları**
 Demirtaş Ç., Bayramoğlu A., Şengül B., Ulutaş H. K., Değer D., Yakut Ş.
 Turkish Physical Society 31th International Physics Congress, Muğla, Turkey, 21 - 24 July 2014, pp.110
- XXXVII. **Bi₂Te₃ (Bizmut Tellür) İnce Filminin Dielektrik Özellikleri**
 Çetin N., Sakar N., Değer D., Ulutaş H. K., Yakut Ş.
 Turkish Physical Society 31th International Physics Congress, Muğla, Turkey, 21 - 24 July 2014, pp.111
- XXXVIII. **Plasma Power Dependence of Dielectric Constant in Plasma Poly ethylene oxide (pPEO)**
 Değer D., Ulutaş H. K., Yakut Ş.
 Turkish Physical Society 31th International Physics Congress, Muğla, Turkey, 21 - 24 July 2014, pp.112
- XXXIX. **Synthesis Of CoFe₂O₄ Nanoparticles By Polyol Method: Morphological, Structural, And Dielectric Studies**
 Yılmaz E., Gürkaynak Altınçekiç T., Deligoz H., Değer D., Ulutaş H. K., Yakut Ş., Açıkgöz M.
 Turkish Physical Society 31th International Physics Congress, Muğla, Turkey, 21 - 24 July 2014, pp.114
- XL. **Dielectric Spectroscopy Application on biological cells**
 Değer D., Ulutaş H. K., Yakut Ş., Uygun N., Oruç E.
 9.Liquid Matter Conference, Lisbon, Portugal, 21 - 25 July 2014, pp.391
- XLI. **Effect of plasma power of crosslinking density in plasma poly ethylene oxide (pPEO)**
 Ulutaş H. K., Yakut Ş., Değer D.
 31 th International Physics Congress, Muğla, Turkey, 10 - 13 June 2014, pp.3
- XLII. **Dielectric Spectroscopy Of Sb₂Te₃ Thin Films**
 Yakut Ş., Ulutaş D., Ulutaş H. K.
 European Congress And Exhibition On Advanced Materials And Processes (Femseuromat2013), Sevilla, Spain, 8 - 13 September 2013, pp.1-2
- XLIII. **Structure and dielectric spectroscopy of TlSe Thin Films**
 Karabak B., Değer D., Ulutaş H. K., Yakut Ş.
 Turkish Physical Society 30th International Physics Congress, İstanbul, Turkey, 2 - 05 September 2013, pp.117
- XLIV. **Frequency, temperature and thickness dependence of dielectric polarization in Sb₂Te₃ thin films**
 Yakut Ş., Değer D., Ulutaş H. K.

- 22nd International Conference: Week of Doctoral Students, Praha, Czech Republic, 4 - 07 June 2013, pp.1
- XLV. **Thickness dependence of the dielectric properties of thermally evaporated Sb₂Te₃ thin films**
Ulutas K., Deger D., Yakut S. E.
15th International Conference on Thin Films (ICTF), Kyoto, Japan, 8 - 11 November 2011, vol.417
- XLVI. **Kitosan, çapraz bağı kotosan ve kitosan-magnetit filmlerinin dielectric özelliklerinin sıcaklık ile değişimi**
Filiz H., Değer D., Gürkan K., Gürdağ G., Ulutaş H. K., Yakut Ş.
IV. Ulusal Polimer Bilim ve Teknoloji Kongresi, Çanakkale, Turkey, 5 - 08 September 2012, pp.24
- XLVII. **Dielectric behaviour of TlSe thin films**
Karabak B., Değer D., Ulutaş H. K., Yakut Ş.
Turkish Physical Society 29th International Physics Congress, Muğla, Turkey, 5 - 08 September 2012, pp.122
- XLVIII. **Dielectric properties of TlSbS₂ bulk materials**
Değer D., Ulutaş H. K., Karabak B., Yakut Ş.
29th International Physics Congress, Muğla, Turkey, 1 - 04 September 2012, pp.145
- XLIX. **Dielectric properties of nafion membrane**
Yılmaz E., Değer D., Ulutaş H. K., Deligöz H., Yakut Ş.
29th International Physics Congress, Muğla, Turkey, 1 - 04 September 2012, pp.137
- L. **ac conductivity and dielectric properties of TlSbS₂ thin films**
Değer D., Parto M., Ulutaş H. K., Yakut Ş.
15 th International conference on thin films, Kyoto, Japan, 1 - 04 November 2011, pp.83
- LI. **ac conduction and dielectric polarization in Sb₂Te₃ thin films**
Yakut Ş., Değer D., Ulutaş H. K.
Turkish Physical Society 28th International Physics Congress, Muğla, Turkey, 6 - 09 September 2011, pp.183
- LII. **A study of dielectric polarization in TlSbS₂ thin films**
Parto M., Değer D., Ulutaş H. K., Yakut Ş.
28th International Physics Congress, Muğla, Turkey, 1 - 04 September 2011, pp.171
- LIII. **Capacitance behaviour of TlSbS₂ thin films**
Kara H., Değer D., Ulutaş H. K., Yakut Ş.
28th International Physics Congress, Muğla, Turkey, 1 - 04 September 2011, pp.151
- LIV. **Relaxation spectrum of the Al₂O₃ thin films**
Değer D., Ulutaş H. K., Karabak B., Yakut Ş.
28th International Physics Congress, Muğla, Turkey, 1 - 04 September 2011, pp.153
- LV. **Sb₂Te₃ bileşiğinin kapasitif davranışı**
Yakut Ş., Ulutaş H. K., Değer D.
27th International Physics Congress, İstanbul, Turkey, 1 - 04 September 2010, pp.160
- LVI. **Dielectric polarization in Sb₂Te₃ thin films**
Ulutas K., Yakut Ş., Deger D.
11th Europhysical Conference on Defects in Insulating Materials (EURODIM), Pecs, Hungary, 12 - 16 July 2010, vol.15

Supported Projects

YAKUT Ş., TANKÜL M. İ., Project Supported by Higher Education Institutions, Hidroksietil selüloz ince filmlerin yapısının ve dielektrik özelliklerinin incelenmesi, 2021 - 2022

ULUTAŞ H. K., ULUTAŞ D., YAKUT Ş., BOZOĞLU PARTO D., SAĞLAM U., ŞİTİLBAY B., YARDIM M. S., Project Supported by Higher Education Institutions, Bitümün modifiye edilerek özelliklerinin incelenmesi, 2019 - 2021

YAKUT Ş., ULUTAŞ D., ULUTAŞ H. K., Project Supported by Higher Education Institutions, Plasma discharge power dependent ac conductivity of plasma poly(ethylene oxide) thin films, 2018 - 2019

YAKUT Ş., ULUTAŞ H. K., ULUTAŞ D., BOZOĞLU D., Project Supported by Higher Education Institutions, Plazma Polimer İnce Filmlerin Üretilmesi ve Dielektrik Özelliklerinin İncelenmesi, 2017 - 2018

YAKUT Ş., ULUTAŞ H. K., ULUTAŞ D., Project Supported by Higher Education Institutions, Dielectric properties of plasma polymerized polyethylene oxide thin films, 2017 - 2018

ULUTAŞ D., ULUTAŞ H. K., YAKUT Ş., KARA H., Project Supported by Higher Education Institutions, Dielectric properties and ac conductivity of TlSbTe₂ thin films, 2016 - 2018

YAKUT Ş., MUSTAFAEVA S. N., ULUTAŞ D., ULUTAŞ H. K., KERİMOVA E. M., BOZOĞLU D., Project Supported by Higher Education Institutions, A comparison of ac conductivity for Bulk and thin film TlGaS₂ Samples, 2017 - 2017

ULUTAŞ D., YAKUT Ş., ULUTAŞ H. K., BOZOĞLU D., Project Supported by Higher Education Institutions, Dielectric Properties of Thallium Gallium Sulfide TlGaS₂ Material, 2017 - 2017

ULUTAŞ D., ULUTAŞ H. K., YAKUT Ş., Project Supported by Higher Education Institutions, Behaviour of Dielectric Relaxation in TlSe thin films, 2017 - 2017

ULUTAŞ H. K., ULUTAŞ D., YAKUT Ş., Project Supported by Higher Education Institutions, Dielectric properties of Plasma Polyethylene oxide, 2017 - 2017

YAKUT Ş., ULUTAŞ H. K., ULUTAŞ D., Project Supported by Higher Education Institutions, Effect of Plasma Discharge Power on Activation Energies of Plasma Polyethylene Oxide Thin Films, 2017 - 2017

ULUTAŞ H. K., YAKUT Ş., ULUTAŞ D., Project Supported by Higher Education Institutions, Plasma discharge power dependent alternative conductivity of Plasma Polymerized Polyethylene Oxide pPEO thin films, 2016 - 2016

ULUTAŞ D., PARTO M., ULUTAŞ H. K., YAKUT Ş., Project Supported by Higher Education Institutions, Structure and dielectric behaviour of TlSbS₂, 2014 - 2016

YILDIRIM S., DÖNMEZ Ö., EROL A., YAKUT Ş., SARCAN F., ULUTAŞ D., AKALIN E., Project Supported by Higher Education Institutions, Uyumsuz Yarıiletken Alaşımların Optoelektronik Davranışlarının İncelenmesi., 2014 - 2016

YAKUT Ş., Project Supported by Higher Education Institutions, Plazma Polietilen Oksit İnce Filmlerinin Dielektrik, Yapısal ve Çapraz Bağ Özelliklerinin İncelenmesi, 2015 - 2015

Patent

Ulutaş H. K., Deligöz H., Ulutaş D., Yardım M. S., Yakut Ş., Bozoğlu Parto D., Şitilbay B. D., DIELECTRIC LOSS, GLASSIC TRANSITION TEMPERATURE AND FRAGRANCE OF MODIFIED BITUMEN, Patent, CHAPTER G Physics, The Invention Recourse Number: 2021/005614 , Standard Registration, 2021

Scientific Refereeing

MATERIALS TODAY:Proceedings, Other Indexed Journal, May 2022

POLYMER BULLETIN, Journal Indexed in SCI-E, May 2022

Current World Environment (CWE), Other Indexed Journal, May 2022

SN Applied Science (SNAS), Journal Indexed in ESCI, January 2021

GAZİ ÜNİVERSİTESİ MÜHENDİSLİK MİMARLIK FAKÜLTESİ DERGİSİ, National Scientific Refreed Journal, August 2020

Thin Solid Films, SCI Journal, July 2019

American Institute of Physics, Other Indexed Journal, November 2016

American Institute of Physics, Other Indexed Journal, November 2016

Applied Physics A, SCI Journal, September 2012

Metrics

Publication: 80

Citation (WoS): 179

Citation (Scopus): 175

H-Index (WoS): 8

H-Index (Scopus): 8

Congress and Symposium Activities

34th International Physics Congress, Attendee, Muğla, Turkey, 2018
33rd International Physics Congress, Attendee, Muğla, Turkey, 2017
19th International Conference on Thin Film Technology and Applications, Attendee, Kobenhavn, Denmark, 2017
32nd International Physics Congress, Attendee, Muğla, Turkey, 2016
80th PMM conference Self-assembly in the World of Polymers, Attendee, Praha, Czech Republic, 2016
Balkan Physics Congress, Attendee, İstanbul, Turkey, 2015
EUROMAT2013, Attendee, Sevilla, Spain, 2013
22nd international Conference: Week of Doctoral students, Attendee, Prag, Czech Republic, 2013
29th International Physics Congress, Attendee, Bodrum/Muğla, Turkey, 2012
15th International Conference on Thin Films (ICTF15), Attendee, Kyoto, Japan, 2011
28th International Physics Congress, Attendee, Bodrum/Muğla, Turkey, 2011
27th International Physics Congress, Attendee, İstanbul, Turkey, 2010

Scholarships

Yurtdışı Doktora Araştırma Bursu, YOK, 2012 - 2013
Yurtdışı Bilimsel Etkinliklere katılma Desteği, TUBITAK, 2011 - 2011
Yurtiçi Yüksek Lisans Burs Programı, TUBITAK, 2006 - 2008

Awards

Ulutaş H. K., Yakut Ş., Ulutaş D., En iyi sunum Ödülü, Waset, June 2017