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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAC-7960-2020

Yoksis Researcher ID: 255146



Education Information

Doctorate, Istanbul University, Institute Of Graduate Studies In Sciences, Fizik Bölümü,
Genel Fizik Anabilim Dalı , Turkey 2015 - 2024

Postgraduate, Istanbul University, Institute of Graduate Studies In Sciences, Fizik Bölümü,
Genel Fizik Anabilim Dalı , Turkey 2012 - 2014

Undergraduate, Istanbul University, Faculty Of Science, Fizik Bölümü, Pedagojik
Formasyon, Turkey 2009 - 2012

Undergraduate, Istanbul University, Faculty Of Science, Department Of Physics, Turkey
2008 - 2012

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, İnce Film Süper Kapasitörlerin Üretimi ve Dielektrik Karakterizasyonu, Istanbul University, Institute Of
Graduate Studies In Sciences, 2024

Postgraduate, Aerojel Katkılı Polimer Kompozitlerin Hazırlanışı, Karakterizasyonu ve Dielektrik Özelliklerinin İncelenmesi
, Istanbul University, Institute of Graduate Studies In Sciences, Fizik Bölümü/ Genel Fizik Anabilim Dalı , 2014

Research Areas

Physics, Interdisciplinary Physics and Related Science and Technology Areas, Materials Science, Intensive Article 2:
Electronic Structure, Electric, Magnetic and Optical Properties, Electronic structure of bulk material, Electrical properties
of electronic structures, interfaces, thin films and low-dimensional structures, Chemistry, Physical Chemistry, Polymeric
Materials, Natural Sciences

Academic Titles / Tasks

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The effect of Fe content on the dielectric properties of TlGa(0,999)Fe(0,001)S₂ thin films**
Bakran H, YAKUT Ş., BOZOĞLU PARTO D., Deger D., Ismailova P., Mustafaeva S., Hasanov A., Ulutas K.
Physica B: Condensed Matter, vol.685, 2024 (SCI-Expanded)
- II. **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)
- III. **Determination of optimum limestone filler content in asphalt mastic by dielectric spectroscopy**
Ulutas K., Bozoğlu Parto D., Yakut S., Deligoz H., Sitalbay B., Karasahin M., Deger D.
ROAD MATERIALS AND PAVEMENT DESIGN, vol.1, pp.1-16, 2024 (SCI-Expanded)
- IV. **Comparison of the effect of free volume fraction on the dielectric properties of polyethylene oxide bulk and thin film**
Bozoğlu Parto D., Yakut S., Ulutas K., Deger D.
JOURNAL OF NON-CRYSTALLINE SOLIDS, vol.625, pp.1-9, 2024 (SCI-Expanded)
- V. **How does the isophthalic unsaturated polyester affect the dielectric properties, the glass transition, and the ductility of bitumen?**
Ulutas K., YAKUT S., BOZOĞLU PARTO D., Sitalbay B., KARAŞAHİN M., Yardim S., DEGER D.
ROAD MATERIALS AND PAVEMENT DESIGN, vol.25, no.6, pp.1324-1339, 2024 (SCI-Expanded)
- VI. **Thickness dependence of dielectric properties of TlGaS₂ 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)
- VII. **Polarization mechanisms of TlSbS₂ thin films**
YAKUT Ş., Deger D., BOZOĞLU PARTO D., Ulutas K.
JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, no.5-6, pp.294-301, 2023 (SCI-Expanded)
- VIII. **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)
- IX. **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)
- X. **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)
- XI. **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)
- XII. **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)
- XIII. **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)

Refereed Congress / Symposium Publications in Proceedings

- I. **Thickness dependence of thermal 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
- II. **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
- III. **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
- IV. **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
- V. **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
- VI. **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
- VII. **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
- VIII. **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
- IX. **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
- X. **AC conductivity of (TlGaS₂)_{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
- XI. **Comparison Of DC And AC Conductivity of Polyester Composite Films Doped by Polypyrrole and CoFe₂O₄ Nanoparticles**
Yılmaz E. Ö., Gürkaynak Altınçekiç T., Yakut Ş., Bozoğlu Parto D., Ulutaş H. K., Ulutaş D.
Türk Fizik Derneği 33.Uluslararası Fizik Kongresi , Muğla, Turkey, 6 - 09 September 2017, pp.1-2
- XII. **Capacitive Behaviour of TlGaS₂ Thin Films Samples**
Ulutaş H. K., Bozoğlu Parto D., Yakut Ş., Kerimova E., Mustafaeva S., Jafarova S., Ulutaş D.
Turkish Physical Society 33 nd International Physics Congress, Muğla, Turkey, 6 - 10 September 2017, pp.1-2
- XIII. **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
- XIV. **Dielectric Properties Of Thallium Gallium Sulfide (TlGaS₂) 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
- XV. **Comparison of DC and AC Conductivity of Polyester Composite 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
- XVI. **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
- XVII. **AC Conductivity of Hydrophobic Silica Aerogels**
Bozoğlu Parto D., Deligöz H., Ulutaş H. K., Değer D.
Turkish Physical Society 33th International Physics Congress, Muğla, Turkey, 6 - 10 September 2017, pp.190
- XVIII. **A Comparison of Dielectric Properties of TiGaS₂ Bulk and Thin Film Samples.**
BOZOĞLU PARTO D., YAKUT Ş., ULUTAŞ H. K., KERİMOVA E., MUSTAFAEVA S., JAFAROVA S., ULUTAŞ D.
Turkish Physical Society 33th International Physics Congress, Muğla, Turkey, 6 - 10 September 2017, pp.2
- XIX. **A Comprasion of AC Conductivity for Bulk and Thin Film TiGaS₂ Samples**
Yakut Ş., Ulutaş H. K., Bozoğlu Parto D., Kerimova E., Mustafaeva S., Jafarova S., Değer D.
Turkish Physical Society 33th International Physics Congress, Muğla, Turkey, 6 - 10 September 2017, pp.154
- XX. **Dielectric characterization of natural polymer based hierarchical porous scaffolds**
Serin M., Değer D., Özmen M., Ulutaş H. K., Bozoğlu Parto D., Çalışkan M., Şem T.
Turkish Physical Society 33th International Physics Congress, Muğla, Turkey, 6 - 10 September 2017, pp.599
- XXI. **A Comprasion 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
- XXII. **DIELECTRIC PROPERTIES OFPOLYETHYLENEGLYCOL BASED SCAFFOLDS PREPARED VIA GASFOAMING METHOD**
Serin M., Değer D., Özmen M., Ulutaş H. K., Bozoğlu Parto D., Çalışkan M., Aytuğrul B.
Turkish Physical Society 33th International Physics Congress, Muğla, Turkey, 6 - 10 September 2017, pp.1
- XXIII. **Behaviour of Ac conductivity of TiGaS₂ bulk and thin films**
Ulutaş H. K., Yakut Ş., Bozoğlu Parto D.
33nd International Physics Congress , Muğla, Turkey, 6 - 10 September 2017, pp.5
- XXIV. **THE COMPARISON OF EFFECTS ON DIELECTRIC PROPERTIES OFAEROGEL DOPING ON DIFFERENT POLYMER MATRIX**
Bozoğlu D., Deligöz H., Ulutaş H. K., Değer D.
TURKISH PHYSICAL SOCIETY 32ND INTERNATIONAL PHYSICS CONGRESS, Muğla, Turkey, 6 - 09 September 2016, pp.85
- XXV. **Dielectric Properties of Silica Aerogel/polyvinylidene Fluoride (PVDF) Composites**
Bozoğlu Parto D., Değer D. D., Deligöz H., Ulutaş H. K.
80th PMM conference self-assembly in the World of Polymers, Praha, Czech Republic, 4 - 09 June 2016, pp.186
- XXVI. **DIELECTRIC BEHAVIOUR OF POLYANILINE-EMERALDINE BASE (PANI-EB) FILM**
DENİZ M., BOZOĞLU D., DELİGÖZ H., ULUTAŞ D., ULUTAŞ H. K.
9 th International Physics Conference of the Balkan Physical Union, İstanbul, Turkey, 25 - 27 August 2015, pp.593
- XXVII. **DIELECTRIC SPECTROSCOPY OF POLYANILINE EMERALDINE BASE (PANI-EB) POWDER**
DENİZ M., BOZOĞLU D., DELİGÖZ H., ULUTAŞ H. K., ULUTAŞ D.
9 th International Physics Conference of the Balkan Physical Union, İstanbul, Turkey, 25 - 27 August 2015, pp.594
- XXVIII. **DIELECTRIC BEHAVIOUR OF POLYANILINE-EMERALDINE BASE(PANI-EB) FILM**
Deniz M., Bozoğlu D., Deligöz H., Ulutaş H. K., Değer D.
9 th International Physics Conference of the Balkan Physical Union, İstanbul, Turkey, 25 - 27 August 2015, pp.593
- XXIX. **DIELECTRIC SPECTROSCOPY OF POLYANILINE EMERALDINEBASE (PANI-EB) POWDER**
Deniz M., Bozoğlu D., Deligöz H., Değer D., Ulutaş H. K.
9 th International Physics Conference of the Balkan Physical Union, İstanbul, Turkey, 25 - 27 August 2015, pp.594
- XXX. **DIELECTRIC PROPERTIES OF SILICA AEROGEL/GLASS FIBER REINFORCED POLYESTER COMPOSITES**
BOZOĞLU D., ULUTAŞ D., DELİGÖZ H., ULUTAŞ H. K.
9 th International Physics Conference of the Balkan Physical Union, İstanbul, Turkey, 25 - 27 August 2015, pp.242
- XXXI. **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
- XXXII. **Poliüretan-Silika Aerojel Kompozit Filmlerin Hazırlanması, Karakterizasyonu ve Dielektrik Özellikleri**
Bozoğlu D., Deligöz H., Değer D., Ulutaş H. K.
11. Ulusal Kimya Mühendisliği Kongresi, Eskişehir, Turkey, 2 - 05 September 2014, pp.290-291
- XXXIII. **Hidrofobik Silika Aerojel Katkılı Poliüretan Kompozit Filmlerin Hazırlanması, Karakterizasyonu ve Dielektrik Özellikleri**
Bozoğlu Parto D., Değer D., Ulutaş H. K., Deligöz H., Değer D.
Turkish Physical Society 31th International Physics Congress, Muğla, Turkey, 21 - 24 July 2014, pp.110
- XXXIV. **Synthesis and Dielectric Properties of TEOS-based Silica Aerogels Prepared by Sol-Gel Process**
Bozoğlu D., Değer D., Deligöz H., Ulutaş H. K.
TURKISH PHYSICAL SOCIETY 32ND INTERNATIONAL PHYSICS CONGRESS, İstanbul, Turkey, 2 - 05 September 2013, pp.98

Supported Projects

- ULUTAŞ D., BOZOĞLU PARTO D., Project Supported by Higher Education Institutions, İnce Film Süper Kapasitörün Üretimi ve Dielektrik Karakterizasyonu, 2022 - Continues
- 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 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., 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

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

Memberships / Tasks in Scientific Organizations

- Türk Fizik Derneği, Member, 2012 - Continues

Scientific Refereeing

- Discover Applied Sciences, Journal Indexed in ESCI, June 2024
- POLYMERS FOR ADVANCED TECHNOLOGIES, Journal Indexed in SCI-E, December 2023
- CFD Letters, Other Indexed Journal, December 2023
- ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY, Journal Indexed in SCI-E, September 2023
- Uluslararası Doğu Anadolu Fen Mühendislik ve Tasarım Dergisi, National Scientific Refreed Journal, May 2022
- ROAD MATERIALS AND PAVEMENT DESIGN, SCI Journal, November 2021
- Bitlis Eren Üniversitesi Fen Bilimleri Dergisi, National Scientific Refreed Journal, February 2019

Metrics

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