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Personal Information

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Education Information

Doctorate, Gazi University, Fen Fakültesi, Fizik Bölümü, Turkey 1988 - 1997

Postgraduate, Gazi University, Fen Fakültesi, Fizik Bölümü, Turkey 1985 - 1988

Undergraduate, Ankara University, Fen Fakültesi, Fizik Bölümü, Turkey 1981 - 1985

Foreign Languages

English, B2 Upper Intermediate

Research Areas

Natural Sciences

Academic Titles / Tasks

Professor, Yozgat Bozok University, Fen-Edebiyat Fakültesi, Fizik Bölümü, 2011 - Continues

Associate Professor, Yozgat Bozok University, Fen-Edebiyat Fakültesi, Fizik Bölümü, 2006 - 2011

Assistant Professor, Erciyes University, Fen Fakültesi, Fizik Bölümü, 1998 - 2006

Research Assistant, Gazi University, Gazi Eğitim Fakültesi, Eğitim Bilimleri Bölümü, 1985 - 1997

Academic and Administrative Experience

Yozgat Bozok University, 2007 - Continues

Dean, Yozgat Bozok University, 2013 - 2016

Dean, Yozgat Bozok University, 2012 - 2014

Director of The Institution, Yozgat Bozok University, 2011 - 2011

Yozgat Bozok University, 2008 - 2011

Erciyes University, 1999 - 2007

Erciyes University, 1998 - 2007

Courses

MODERN FİZİK, Undergraduate, 2011 - 2012

Advising Theses

- Şahingöz R., DEMİR NİKEL ESASLI METALİK CAM ALAŞIMIN (Fe 39 Ni 39 Mo 4 Si 6 B 12) FİZİKSEL ÖZELLİKLERİNİN ISIL İŞLEM SONUCU FMR TEKNİĞİ İLE İNCELENMESİ, Postgraduate, A.PEHLİVANLI(Student), 2023
- ŞAHİNGÖZ R., İnce filmlerde hall efekt tekniği ile manyetorezistans ölçümü, Postgraduate, A.KAYA(Student), 2019
- ŞAHİNGÖZ R., CoO tabanlı feni ince filmlerde değiş-tokuş etkileşmesinin ferromanyetik rezonans ve VSM tekniği ile araştırılması, Postgraduate, E.HAKVERDİ(Student), 2014
- ŞAHİNGÖZ R., Metal/poli(pentabromobenzyl methacrylate-co-glycidyl methacrylate) heterojunction diyotların elektriksel ve optiksel karakteristiklerinin incelenmesi, Postgraduate, M.KARA(Student), 2011
- ŞAHİNGÖZ R., Metal/Poli(pentachlorophenyl methacrylate-co-glycidyl methacrylate) heterojunction diyotların elektriksel ve optiksel karakteristiklerinin incelenmesi, Postgraduate, S.CANSEVER(Student), 2011
- ŞAHİNGÖZ R., Heusler tipi alaşımların manyetik özelliklerinin incelenmesi, Postgraduate, H.ŞEREFOĞLU(Student), 2006

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Preparation and investigation of binder-free TiO₂ paste for low temperature flexible DSSC applications**
Cavus H., ŞAHİNGÖZ R.
Journal of Optoelectronics and Advanced Materials, vol.23, no.7, pp.359-365, 2021 (SCI-Expanded)
- II. **Origin of the exchange bias training effects in magnetically coupled soft/hard synthetic bilayers at low temperature**
Yalcin O., Unluer S., KAZAN S., ŞAHİNGÖZ R.
PHYSICA B-CONDENSED MATTER, vol.459, pp.74-78, 2015 (SCI-Expanded)
- III. **Investigation of UV and I-V characteristics of high refractive index polymer thin film for optoelectronic applications**
KANBUR ÇAVUŞ H., ÇAVUŞ M., ŞAHİNGÖZ R.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.25, no.4, pp.1731-1735, 2014 (SCI-Expanded)
- IV. **Magnetic field-induced oxidative stress and DNA damage in Mediterranean flour moth *Ephestia kuehniella* Zeller (Lepidoptera: Pyralidae) larvae**
PANDIR D., ŞAHİNGÖZ R.
JOURNAL OF PEST SCIENCE, vol.87, no.1, pp.79-87, 2014 (SCI-Expanded)
- V. **Assessment of the influence of magnetic fields on aspects of the biology of the adult Mediterranean flour moth *Ephestia kuehniella* Zeller, 1879 (Lepidoptera: Pyralidae)**
PANDIR D., Sumer Ercan F., ŞAHİNGÖZ R.
TÜRKİYE ENTOMOLOJİ DERGİSİ-TURKISH JOURNAL OF ENTOMOLOGY, vol.37, no.4, pp.423-431, 2013 (SCI-Expanded)
- VI. **Optical and electrical properties of new organic thin film**
KANBUR ÇAVUŞ H., Voigt M. M., ŞAHİNGÖZ R.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.24, no.12, pp.4833-4838, 2013 (SCI-Expanded)
- VII. **Mediterranean flour moth *Ephestia kuehniella* eggs and larvae exposed to a static magnetic field and preference by *Trichogramma embryophagum***
PANDIR D., ŞAHİNGÖZ R., Ercan F. S.
BIOCONTROL SCIENCE AND TECHNOLOGY, vol.23, no.12, pp.1402-1411, 2013 (SCI-Expanded)
- VIII. **Novel acid mono azo dye compound: Synthesis, characterization, vibrational, optical and theoretical investigations of 2-[(E)-(8-hydroxyquinolin-5-yl)-diazenyl]-4,5-dimethoxybenzoic acid**
SAÇMACI M., KANBUR ÇAVUŞ H., ARI H., ŞAHİNGÖZ R., Özpozan T.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.97, pp.88-99, 2012 (SCI-Expanded)

- IX. **Developing experiment-based science teaching skills: A lifelong learning opportunity for teachers in a rural area of Turkey**
Erol M., Boyuk U., Sahingoz R., Harrison T. G., Costa M. F.
ENERGY EDUCATION SCIENCE AND TECHNOLOGY PART B-SOCIAL AND EDUCATIONAL STUDIES, vol.4, no.4, pp.2327-2338, 2012 (SCI-Expanded)
- X. **Photoionization cross section and refractive-index change of hydrogenic impurities in a CdS-SiO₂ spherical quantum dot**
YILMAZ S., Safak H., ŞAHİNGÖZ R., Erol M.
CENTRAL EUROPEAN JOURNAL OF PHYSICS, vol.8, no.3, pp.438-444, 2010 (SCI-Expanded)
- XI. **Investigation of magnetic profile of Fe₇₇Cr₂Si₅B₁₆ metallic glass by using ferromagnetic resonance FMR and vibrating sample magnetometry VSM techniques**
ŞAHİNGÖZ R., EROL M., YILMAZ S., KAZAN S., topkaya r.
Optoelectronics and Advanced Materials, vol.4, no.4, pp.465-469, 2010 (SCI-Expanded)
- XII. **The determination of interface states and series resistance profile of Al/polymer/PEDOT-PSS/ITO heterojunction diode by I-V and C-V methods**
Sahingoz R., Kanbur H., Voigt M., Soykan C.
SYNTHETIC METALS, vol.158, pp.727-731, 2008 (SCI-Expanded)
- XIII. **Thickness dependence of magnetic properties of Co₉₀Fe₁₀ nanoscale thin films**
Yalcin O., Kazan S., Sahingoz R., Yildiz F., Yerli Y., Aktas B.
JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY, vol.8, no.2, pp.841-845, 2008 (SCI-Expanded)
- XIV. **FMR studies of bilayer Co₉₀Fe₁₀/Ni₈₁Fe₁₉, Ni₈₁Fe₁₉/Co₉₀Fe₁₀ and monolayer Ni₈₁Fe₁₉ thin films**
Guner S., Yalcin O., Kazan S., Yildiz F., Sahingoz R.
PHYSICA STATUS SOLIDI A-APPLICATIONS AND MATERIALS SCIENCE, vol.203, no.7, pp.1539-1544, 2006 (SCI-Expanded)
- XV. **The determination of the conduction mechanism and extraction of diode parameters of ITO/PEDOT-PSS/POLYMER/Al heterojunction diode**
Sahingoz R., Soykan C., Yakuphanoglu F., Voigt M., Çetin H.
Optical Materials, vol.28, no.8-9, pp.962-965, 2006 (SCI-Expanded)
- XVI. **The effect of pressure on thermal properties of poly(phenacrylmethacrylate)**
Soykan C., Sahingoz R., Yakuphanoglu F.
Journal of Thermal Analysis and Calorimetry, vol.82, no.2, pp.299-302, 2005 (SCI-Expanded)
- XVII. **5-(4-methoxybenzoyl)-6-(4-methoxyphenyl)-3phenyl-3,4-dihydro-2H-1,3-oxazine-2,4-dione**
Adams H., Hawxwell S., Sacmaci M., Ungoren Ş. H., Akcamur Y., Sahingoz R.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.61, 2005 (SCI-Expanded)
- XVIII. **Magnetoresistance and magnetostriction of Ni₈₁Fe₁₉ and Co₉₀Fe₁₀ mono- and bilayer films**
Sahingoz R., Hollingworth M., Gibbs M., Murdoch S.
Journal of Magnetism and Magnetic Materials, vol.290-291 PART 2, pp.1059-1062, 2005 (SCI-Expanded)
- XIX. **Experimental determination of thermal conductivity of solid and liquid phases in Bi-Sn and Zn-Mg binary eutectic alloys**
EROL M., Keşlioğlu K., Şahingöz R., MARAŞLI N.
Metals and Materials International, vol.11, no.5, pp.421-428, 2005 (SCI-Expanded)
- XX. **Observation of changing of magnetic properties and microstructure of metallic glass Fe₇₈Si₉B₁₃ with annealing**
Sahingoz R., EROL M., Gibbs M. R.
Journal of Magnetism and Magnetic Materials, vol.271, no.1, pp.74-78, 2004 (SCI-Expanded)

Articles Published in Other Journals

- I. **Voltage and Frequency Dependence Dielectric Properties of Au/n-CdTe Schottky Diodes**

KANBUR ÇAVUŞ H., ÇAVUŞ M., İLDEŞ C., BÜYÜKAKKAŞ S., ŞAHİNGÖZ R.

[https://dergipark.org.tr/tr/pub/bjs, vol.1, no.1, pp.1-10, 2023 \(Peer-Reviewed Journal\)](https://dergipark.org.tr/tr/pub/bjs, vol.1, no.1, pp.1-10, 2023 (Peer-Reviewed Journal))

- II. **The improvement of magnetic coercivity of metallic glass $Fe_{81}Si_{3.5}B_{13.5}C_2$ with pulse annealing in air**

ŞAHİNGÖZ R., GIBBS M. R., ÇOLAKOĞLU K.

Turkish Journal of Physics, vol.20, no.12, pp.1287-1293, 1996 (Scopus)

Books & Book Chapters

- I. **Manyetizma ve Manyetik Malzemeler: Magnetism and Magnetic Materials**

Şahingöz R.

Nobel Yayın Dağıtım, Ankara, 2015

Refereed Congress / Symposium Publications in Proceedings

- I. **The Effects Acetic Acid Derivatives as Co-adsorbents on the Dye-Sensitized Solar Cells**

KANBUR ÇAVUŞ H., ŞAHİNGÖZ R., YAMAN C., ATMACA E.

Türk Fizik Derneği 39. Uluslararası Fizik Kongresi, Muğla, Turkey, 31 August - 04 September 2023

- II. **Perfect Raw Materials Metallic Glasses and Some Applications 22-24 September 2022.**

KANBUR ÇAVUŞ H., ŞAHİNGÖZ R.

9 th International Conference on Materials Science and Nanotechnology for Next Generation (MSNG-2022), Turkey, 22 - 24 September 2022

- III. **"Production and Characterization of Flexible Dye Sensitized Solar Cells"**

KANBUR ÇAVUŞ H., ŞAHİNGÖZ R., İLDEŞ C.

9 th International Conference on Materials Science and Nanotechnology for Next Generation (MSNG-2022), Ankara, Turkey, 22 September 2022

- IV. **Electrical Analysis of Polymer Thin Films Comparison Study**

ŞAHİNGÖZ R., KANBUR ÇAVUŞ H.

1. International Underground Resources and Energy Conferences, 6 - 08 October 2016

- V. **Some Magnetic properties of Metallic Glasses as Perfect Raw Materials for Applications**

ŞAHİNGÖZ R., KANBUR ÇAVUŞ H.

1. International Underground Resources and Energy Conference, 6 - 08 October 2016

Supported Projects

ŞAHİNGÖZ R., PEHLİVANLI A., Project Supported by Higher Education Institutions, DEMİR NİKEL ESASLI METALİK CAM ALAŞIMIN ($Fe_{39}Ni_{39}Mo_4Si_6B_{12}$) FİZİKSEL ÖZELLİKLERİNİN ISIL İŞLEM SONUCU FMR TEKNİĞİ İLE İNCELENMESİ, 2022 - 2023

ŞAHİNGÖZ R., İLDEŞ C., Project Supported by Higher Education Institutions, TiO_2 ile Auxin tabanlı esnek güneş hücrelerinin üretilmesi ve temel parametrelerinin karşılaştırılması, 2020 - 2022

ŞAHİNGÖZ R., Project Supported by Higher Education Institutions, Metal/Polymer Heteroj.Diyotların Elek.ve Dielek.Karak.Geniş Bir Sıcaklık Ara.İn. (Mennan Kara,Hatice Kanbur,Sinan Kaya, Savaş Cansever*16/03/2010), 2010 - 2011

ŞAHİNGÖZ R., Project Supported by Higher Education Institutions, Metal/Polymer Heteroj.Diyotların Elek.ve Dielek.Karak.Geniş Bir Frekans Ara.İn.(Mennan Kara,Hatice Kanbur,Sinan Kaya, Savaş Cansever*23/12/2009), 2009 - 2010

Metrics

Publication: 31

Citation (WoS): 267

Citation (Scopus): 274

H-Index (WoS): 8

H-Index (Scopus): 8

Non Academic Experience

Bozok Üniversitesi

Bozok Üniversitesi

Erciyes Üniversitesi Yozgat Fen Edebiyat Fakültesi

Gazi Üniversitesi