

Prof. Betül GÜZELDİR

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Ataturk University, Fen Bilimleri Enst., Katıhal Fiziği, Turkey 2005 - 2011

Undergraduate, Ataturk University, Fen Fakültesi, Fizik, Turkey 1999 - 2003

Dissertations

Doctorate, SİLAR TEKNİĞİ İLE BÜYÜTÜLEN CdS İNCE FİLMLERİN SANDVIÇ TİPİ DEVRE ELEMANLARI YAPIMINDA KULLANILMASI VE BU YAPILARIN KARAKTERİSTİKLERİNİN İNCELENMESİ , Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Katıhal Fiziği, 2011

Research Areas

Nanotechnology, Optics and Photonics, Renewable energy, Dielectric Materials and Devices, Semiconducting Materials and Devices, Surfaces, Interfaces, Thin Films and Nanosystems

Academic Titles / Tasks

Professor, Ataturk University, Fen Fakültesi, Fizik, 2022 - Continues

Associate Professor, Ataturk University, Fen Fakültesi, Fizik, 2015 - 2022

Academic and Administrative Experience

Head of Department, Ataturk University, Fen Fakültesi, Fizik, 2023 - Continues

Atatürk Üniversitesi, 2011 - 2017

Courses

Organik Elektronik Aygıt Fiziği ve Uygulamaları, Postgraduate, 2023 - 2024

Undergraduate, 2023 - 2024

Güneş Enerjisi, Undergraduate, 2023 - 2024

Fizik 1, Undergraduate, 2018 - 2019

MİKRO VE NANO YAPILI YARIİLETKEN AYGITLARIN ÜRETİLMESİ VE ELEKTRİKSEL KARAKTERİZASYONU, Postgraduate, 2015 - 2016

FİZİK 1, Undergraduate, 2016 - 2017

Fizik 2, Undergraduate, 2016 - 2017

Kathal Fiziği 1, Undergraduate, 2014 - 2015

Kathal Fiziği 2, Undergraduate, 2014 - 2015

Advising Theses

Güzeldir B., Au-Cu/n-GaAs/In ve Au-Ag/n-GaAs/In Schottky diyotların akım-voltaj ölçümlerinden elde edilen karakteristik parametreler üzerine numune sıcaklığının etkileri, Postgraduate, S.BOYLU(Student), 2019

Güzeldir B., Altın ve gümüş nanopartikülleri ile grafen oksit nanokompozitlerin büyütülmesi ve üretilen Au / AuNPs-GO / n-InP AND Ag / AgNPs-GO / n-InP yapıların elektriksel özelliklerinin sıcaklığa bağlı olarak incelenmesi, Postgraduate, C.AYKAÇ(Student), 2019

Güzeldir B., Bazı metal ve alaşım/n-Si/Ti Schottky diyotlarının elektriksel karakteristikleri üzerine numune sıcaklığının etkileri, Postgraduate, Z.ORHAN(Student), 2018

Jury Memberships

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, December, 2023

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, November, 2023

Doctorate, Doctorate, Atatürk Üniversitesi, June, 2023

Doctoral Examination, Doctoral Examination, Atatürk Üniversitesi, May, 2023

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Statistical analysis of characteristic parameters of graphene/p-Si junctions prepared under similar conditions**
ÖZAKIN O., SAĞLAM M., GÜZELDİR B.
Physica B: Condensed Matter, vol.677, 2024 (SCI-Expanded)
- II. **Mixed halide perovskite compound thin film with large cation Guanidinium and applications: MIS (Au/GUAPbI3-xClx/p-Si/Al) and p-FET (Al/p-Si/SiO2/GUAPbI3- xClx/Al)**
Baltakesmez A., Güzeldir B.
Surfaces and Interfaces, vol.40, no.103066, pp.1-12, 2023 (SCI-Expanded)
- III. **Undoped p-type ZnTe thin film and thin film transistor channel performance**
Baltakesmez A., Güzeldir B.
APPLIED PHYSICS A: MATERIALS SCIENCE AND PROCESSING, vol.129, no.134, pp.1-12, 2023 (SCI-Expanded)
- IV. **Microstructural properties of SiC thin film deposited by RF sputtering technique and its role on the barrier parameters of n-InP/Pd and n-GaP/Pd junctions as an interlayer**
Güzeldir B., Baltakesmez A., Sağlam M.
PHYSICA B: CONDENSED MATTER, no.647, pp.414364, 2022 (SCI-Expanded)
- V. **Transfer of graphene thin film obtained by PECVD method to Au/p-Si rectifier junction as interfacial layer and analysis of its barrier characteristics depending on sample temperature**
Özakın O., Sağlam M., Güzeldir B.
JOURNAL OF MATERIALS SCIENCE: MATERIALS IN ELECTRONICS, vol.33, pp.14627-14643, 2022 (SCI-Expanded)

- VI. **Role of Reduced Graphene Oxide-Gold Nanoparticle Composites on Au/Au-RGO/p-Si/Al Structure Depending on Sample Temperature**
SAĞLAM M., GÜZELDİR B., TÜRÜT A., EKİNCİ D.
JOURNAL OF ELECTRONIC MATERIALS, vol.50, pp.4752-4761, 2021 (SCI-Expanded)
- VII. **Interface application of NiPt alloy nanoparticles decorated rGO nanocomposite to eliminate of contact problem between metal and inorganic/organic semiconductor**
Baltakesmez A., SEVİM M., GÜZELDİR B., Aykaç C., Biber M.
Journal of Alloys and Compounds, vol.867, 2021 (SCI-Expanded)
- VIII. **Interpretation of the I-V, C-V and G/ω-V characteristics of the Au/ZnS/n-GaAs/In structure depending on annealing temperature**
Baltakesmez A., GÜZELDİR B., SAĞLAM M., Biber M.
Physica B: Condensed Matter, vol.611, 2021 (SCI-Expanded)
- IX. **Effects of surface passivation on capacitance-voltage and conductance-voltage characteristics of Al/p-type Si/Al and Al/V2O5/p-type Si/Al diodes**
Şenarslan E., Güzeldir B., Sağlam M.
JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS, vol.146, 2020 (SCI-Expanded)
- X. **Temperature dependent current-and capacitance-voltage characteristics of W/n-Si structures with two-dimensional WS2 and three-dimensional WO3 interfaces deposited by RF sputtering technique**
Baltakesmez A., Tekmen S., GÜZELDİR B.
MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING, vol.118, 2020 (SCI-Expanded)
- XI. **Investigation of electrical and admittance analysis of Au/Thiophene/n-Si structure at room temperature**
Baltakesmez A., Bilkan Ç., Güzeldir B.
PHYSICA B-CONDENSED MATTER, vol.594, 2020 (SCI-Expanded)
- XII. **Optimizing quality of lead-free perovskite thin film with anti-solvent engineering and co-doping SnBr2/SnF2; its solar cell performance**
Baltakesmez A., Güzeldir B., Alkan Y., Sağlam M., Biber M.
OPTICAL MATERIALS, vol.110, no.110524, pp.1-12, 2020 (SCI-Expanded)
- XIII. **A comparative study on theoretical and experimental methods using basic electrical parameters of Au/CNTs/InP/Au-Ge diodes**
Saraç Y., Sener S. Ş., Baltakesmez A., Güzeldir B., Sağlam M.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.824, 2020 (SCI-Expanded)
- XIV. **Albedo parameters of selenium and boron compounds doped V2O5 thin films**
YILMAZ D., Uzunoğlu Z., Baltakesmez A., Ozcelik F. S., GÜZELDİR B.
RADIATION PHYSICS AND CHEMISTRY, vol.166, 2020 (SCI-Expanded)
- XV. **The protection from the effects of gamma rays of metal-semiconductor diodes by means of ZnO thin interface layer**
Salari M. A., SAĞLAM M., Güzeldir B.
RADIATION PHYSICS AND CHEMISTRY, vol.165, 2019 (SCI-Expanded)
- XVI. **The electrical current characteristics of thermally annealed Co/anodic oxide layer/n-GaAs sandwich structures**
Yildirm N., TÜRÜT A., Biber M., SAĞLAM M., GÜZELDİR B.
INTERNATIONAL JOURNAL OF MODERN PHYSICS B, vol.33, no.21, 2019 (SCI-Expanded)
- XVII. **Phase transition and changing properties of nanostructured V2O5 thin films deposited by spray pyrolysis technique, as a function of tungsten dopant**
Baltakesmez A., AYKAÇ C., GÜZELDİR B.
APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING, vol.125, no.6, 2019 (SCI-Expanded)
- XVIII. **Barrier Height Modification of n-InP Using a Silver Nanoparticles Loaded Graphene Oxide as an Interlayer in a Wide Temperature Range**
Baltakesmez A., TAŞER A., KUDAŞ Z., GÜZELDİR B., EKİNCİ D., SAĞLAM M.
JOURNAL OF ELECTRONIC MATERIALS, vol.48, no.5, pp.3169-3182, 2019 (SCI-Expanded)

- XIX. **Effect of electron radiation on electrical parameters of Zn/n-Si/Au-Sb and Zn/ZnO/n-Si/Au-Sb diodes**
Salari M. A., SAĞLAM M., Baltakesmez A., GÜZELDİR B.
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.319, no.3, pp.667-678, 2019 (SCI-Expanded)
- XX. **X- and gamma-ray irradiation effects on vanadium pentoxide thin films**
YILMAZ D., GÜZELDİR B., AKKUŞ T., ÖZNLÜER T.
Spectroscopy Letters, vol.51, no.6, pp.297-301, 2018 (SCI-Expanded)
- XXI. **The stability of electrical characteristics of Ti/n-Si/Ag, Ti/n-Si/Cu and Ti/nSi/AgCu diodes prepared under the same conditions with respect to increasing aging time**
Taşer A., GÜZELDİR B., SAĞLAM M.
MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING, vol.68, pp.186-192, 2017 (SCI-Expanded)
- XXII. **The Stability of Electrical Characteristics of Ti/n-Si/Ag, Ti/n-Si/Cu and Ti/n-Si/AgCu Diodes Prepared Under the Same Conditions With Respect to Increasing Aging Time**
TAŞER A., GÜZELDİR B., SAĞLAM M.
MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING, vol.68, pp.186-192, 2017 (SCI-Expanded)
- XXIII. **Buildup factors and kerma for Al₂O₃ and SiO₂ in the energy range 0.015-15 MeV**
YILMAZ D., ALIM B., AKKUŞ T., GÜZELDİR B.
American Institute of Physics, vol.1833, pp.20086, 2017 (SCI-Expanded)
- XXIV. **Characterization of deposited CdS thin films by Spray Pyrolysis method and used in Cd/CdS/p-Si/Al structure**
ÖZAKIN O., Aktaş Ş., GÜZELDİR B., SAĞLAM M.
AIP Conference Proceedings, vol.1833, pp.20092, 2017 (SCI-Expanded)
- XXV. **Temperature dependent electrical characteristics of Zn ZnSe n GaAs In structure**
SAĞLAM M., GÜZELDİR B.
Journal of Physics: Conference Series, 2016 (SCI-Expanded)
- XXVI. **Effects of ageing on the electrical characteristics of Zn ZnS n GaAs In structure**
GÜZELDİR B., SAĞLAM M.
Journal of Physics: Conference Series, 2016 (SCI-Expanded)
- XXVII. **Using different chemical methods for deposition of copper selenide thin films and comparison of their characterization**
GÜZELDİR B., SAĞLAM M.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.150, pp.111-119, 2015 (SCI-Expanded)
- XXVIII. **The effects of thermal annealing on the electrical characteristics of Au/n-InP/In diode**
ÇAKICI T., SAĞLAM M., GÜZELDİR B.
MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING, vol.28, pp.121-126, 2014 (SCI-Expanded)
- XXIX. **Electrical characteristics of Au/Ti/n-GaAs contacts over a wide measurement temperature range**
BIYIKLI N., Karabulut A., Efeolu H., GÜZELDİR B., TÜRÜT A.
PHYSICA SCRIPTA, vol.89, no.9, 2014 (SCI-Expanded)
- XXX. **Some electrical and structural properties of Cd/CdS/n-Si/Au-Sb sandwich structure**
GÜZELDİR B., SAĞLAM M., ATEŞ A.
SUPERLATTICES AND MICROSTRUCTURES, vol.52, no.3, pp.416-429, 2012 (SCI-Expanded)
- XXXI. **Influence of film thickness on structural and optical properties of ZnS thin films obtained by SILAR method and analysis of Zn/ZnS/n-GaAs/In sandwich structure**
ÖZAKIN O., GÜZELDİR B., YILDIRIM M. A., SAĞLAM M., ATEŞ A.
PHYSICA STATUS SOLIDI A-APPLICATIONS AND MATERIALS SCIENCE, vol.209, no.4, pp.687-693, 2012 (SCI-Expanded)
- XXXII. **Laterally inhomogeneous barrier analysis of identically prepared Cd/CdS/n-Si/Au-Sb structures by SILAR method**
Guzeldir B., Saglam M., Ates A.
MICROELECTRONICS RELIABILITY, vol.51, no.12, pp.2179-2184, 2011 (SCI-Expanded)

- XXXIII. **Effects of ageing on the electrical characteristics of Cd/CdS/n-Si/Au-Sb structure deposited by SILAR method**
Guzeldir B., Saglam M., Ates A., Turut A.
JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS, vol.72, no.12, pp.1506-1514, 2011 (SCI-Expanded)
- XXXIV. **Temperature dependent current-voltage characteristics of the Zn/ZnO/n-Si/Au-Sb structure with ZnO interface layer grown on n-Si substrate by SILAR method**
YILDIRIM M. A., Guzeldir B., Ates A., Saglam M.
MICROELECTRONIC ENGINEERING, vol.88, no.10, pp.3075-3079, 2011 (SCI-Expanded)
- XXXV. **ZnS thin film and Zn/ZnS/n-Si/Au-Sb sandwich structure grown with SILAR method and defining the characteristic parameters**
Ates A., GÜZELDİR B., SAĞLAM M.
MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING, vol.14, no.1, pp.28-36, 2011 (SCI-Expanded)

Articles Published in Other Journals

- I. **Electrical Characteristic of Au/Graphene/pp-Si/AlSchottky Diode Depend on AnnealingTemperature**
ÖZAKIN O., BAYRAM Ö., Aykaç C., GÜZELDİR B., SAĞLAM M.
International Journal of Scientific Engineering Research, vol.10, no.9, pp.46-48, 2019 (Peer-Reviewed Journal)
- II. **Electrical characteristic of Au/Graphene/p-Si/Al Schottky diode depend on annealing temperature**
ÖZAKIN O., Bayram Ö., AYKAÇ C., GÜZELDİR B., SAĞLAM M.
International Journal of Scientific & Engineering Research, vol.10, no.9, pp.46-48, 2019 (Peer-Reviewed Journal)
- III. **Effect of x-rays and γ radiation on the optical and structural properties of vanadium oxide thin film**
BALTAKESEMEZ A., YILMAZ D., GÜZELDİR B., İskenderoğlu D., SAĞLAM M.
International Journal of Scientific Engineering Research, vol.9, pp.23-29, 2018 (Peer-Reviewed Journal)
- IV. **A Study of Graphene Obtained by PECVD Technique Depending on RF Power**
ÖZAKIN O., AYKAÇ C., ODABAŞ M., TAŞER A., GÜZELDİR B., SAĞLAM M.
International Journal of Scientific Engineering Research, vol.9, pp.38-41, 2018 (Peer-Reviewed Journal)
- V. **The Effects of Gamma Radiation On Structural and Surface Properties of ZnO Thin Films Deposited On n-Si Substrate**
SALARİ M. A., ODABAŞ M., GÜZELDİR B., SAĞLAM M.
International Journal of Scientific Engineering Research,, vol.9, pp.30-37, 2018 (Peer-Reviewed Journal)
- VI. **Nanostructures and Properties of Vanadium Oxide Thin Film Preparedby Spray Pyrolysis Method**
Şenarslan E., Güzeldir B., Sağlam M.
Materials Science Forum, vol.890, pp.287-290, 2017 (Scopus)
- VII. **Analysis of Aging Time Dependent ElectricalCharacteristics of AuCu/n-Si/Ti Schottky Type Diode**
TAŞER A., ŞENARSLAN E., GÜZELDİR B., SAĞLAM M.
AIP Conference Proceedings, no.1833, pp.20080, 2017 (Scopus)
- VIII. **Nanorods/Nanostructural Vanadium Oxide Prepared bySpray Pyrolysis**
ŞENARSLAN E., TAŞER A., GÜZELDİR B., SAĞLAM M.
AIP Conference Proceedings, no.1833, pp.20089, 2017 (Scopus)
- IX. **Effects Of the γ - radiation on the electrical characteristics of the Au/n-Si/Au-Sb Schottky diode**
Salari M. A., Şenarslan E., Güzeldir B., Sağlam M.
Journal of Physics: Conference Series, vol.707, pp.12018, 2016 (Scopus)
- X. **Effects of SILAR cycle on the electrical characteristics of Cd/CdSe/n-Si/Au-Sb structure**
GÜZELDİR B., SAĞLAM M., Ates A.
TURKISH JOURNAL OF PHYSICS, vol.35, no.1, pp.1-12, 2011 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Effect of low molarity HfO₂ thin films on the reflectance properties of polished silicon substrate**
Kanmaz I., GÜZELDİR B., ÜZÜM A.
1. Uluslararası Palandöken Bilimsel Çalışmalar Kongresi, Erzurum, Turkey, 24 - 25 November 2020
- II. **Graphene oxide assembled Au-based nanocomposite for temperature dependent InP heterojunction devices**
Kanmaz İ., BALTAKESMEZ A., Aykaç C., GÜZELDİR B., SAĞLAM M.
Turkish Physical Society 35 th International Physics Congress (TPS35), 4 - 08 September 2019, vol.1, pp.307-3016
- III. **Electrical Characteristic of Au/Graphene/p-Si/Al Schottky Diode Depend on Annealing Temperature**
ÖZAKIN O., BAYRAM Ö., AYKAÇ C., GÜZELDİR B., SAĞLAM M.
INTERNATIONAL CONFERENCE ON ADVANCES IN NATURAL APPLIED SCIENCES (ICANAS19), Ağrı, Turkey, 19 - 21 June 2019
- IV. **Transferring of Graphene Obtained on Copper Foil by Chemical Vapour Deposition (CVD) Technique and Investigation of Its Optical, Structural and Characteristic Parameters**
AYKAÇ C., ÖZAKIN O., BAYRAM Ö., GÜZELDİR B., SAĞLAM M.
INTERNATIONAL CONFERENCE ON ADVANCES IN NATURAL APPLIED SCIENCES (ICANAS19), Ağrı, Turkey, 19 - 21 June 2019
- V. **Characteristic of Au/Graphene/p-Si/Al Schottky Diode Depend on Annealing Temperature**
ÖZAKIN O., AYKAÇ C., GÜZELDİR B., SAĞLAM M.
4th INTERNATIONAL CONFERENCE ON ADVANCES IN NATURAL & APPLIED SCIENCES (ICANAS 2019), Ağrı, Turkey, 19 - 22 June 2019, pp.7
- VI. **The Annealing Effects Of The Electrical Characteristics In Au-Cu/n-GaAs/In And Ag-Cu/n-GaAs/In Schottky Diodes By Means Of Different Ratios Au-Cu And Ag-Cu Alloys**
KANMAZ İ., KÜP S., GÜZELDİR B., SAĞLAM M.
4th INTERNATIONAL CONFERENCE ON ADVANCES IN NATURAL & APPLIED SCIENCES (ICANAS 2019), Ağrı, Turkey, 19 - 22 June 2019, pp.1
- VII. **Examination of some basic electrical properties of Au /p-Si/Al, Au/GO/p-Si/Al and Au/Au-RGO/p-Si/Al structures**
ODABAŞ M., TAŞER A., KUDAŞ Z., GÜZELDİR B., SAĞLAM M.
4th INTERNATIONAL CONFERENCE ON ADVANCES IN NATURAL & APPLIED SCIENCES (ICANAS 2019), Ağrı, Turkey, 19 - 22 June 2019, pp.3
- VIII. **Different ratios of Au-Ag and Au-Cu alloys for electrical characteristics of Au-Ag/n-GaAs/In and Au-Cu/n-GaAs/In Schottky diodes in the wide temperature range**
KÜP S., KANMAZ İ., GÜZELDİR B., SAĞLAM M.
4th INTERNATIONAL CONFERENCE ON ADVANCES IN NATURAL & APPLIED SCIENCES (ICANAS 2019), Ağrı, Turkey, 19 - 22 June 2019, pp.2
- IX. **THE COMPARISON OF CURRENT -VOLTAGE CHARACTERISTICS OF Au/n-Si/Ti, AuAg/n-Si/Ti AND AuCu/n-Si/Ti SCHOTTKY DIODES AT ROOM TEMPERATURE**
Orhan Z., YILDIRIM F., TAŞER A., GÜZELDİR B., SAĞLAM M.
MAS INTERNATIONAL CONFERENCE ON MATHEMATICS-ENGINEERING-NATURAL MEDICAL SCIENCES-V, 2 - 05 May 2019, pp.635-643
- X. **EFFECTS OF THERMAL ANNEALING ON DIODE PARAMETERS FROM C-V MEASUREMENTS OF THE Cd/CdS/n-GaAs/In AND Cd/CdSe/n-GaAs/In STRUCTURES**
YILDIRIM F., Orhan Z., GÜZELDİR B., SAĞLAM M.
MAS INTERNATIONAL CONFERENCE ON MATHEMATICS-ENGINEERING-NATURAL MEDICAL SCIENCES-V, 2 - 05 May 2019, pp.622-634
- XI. **THE EFFECT OF GO AND AU-RGO INTERFACIAL LAYERS ON AU/p-Si RECTIFYING CONTACT PARAMETERS AT ROOM TEMPERATURE**
TAŞER A., SAĞLAM M., GÜZELDİR B., EKİNCİ D.
MAS INTERNATIONAL CONFERENCE ON MATHEMATICS-ENGINEERING-NATURAL & MEDICAL SCIENCES-V, Erzurum, Turkey, 2 - 05 May 2019, pp.311-0
- XII. **FABRICATION and CHARACTERIZATION of Al/rGO/n-Si/Al HETEROJUNCTION DIODE**

Daş E., Orhan Z., Aydoğan Ş., Güzeldir B.

2nd International Congress on Semiconductor Materials and Devices (ICSMD), Ardahan, Turkey, 28 - 30 August 2018, pp.66-72

- XIII. **TIME DEPENDENT ELECTRICAL PROPERTIES OF Au/n-Si/Ti, AG/n-Si/Ti AND AuAg/n-Si/Ti SCHOTTKY DIODES**
TAŞER A., ORHAN Z., AYKAÇ C., ÖZAKIN O., GÜZELDİR B., SAĞLAM M.
2nd International Congress on Semiconductor Materials and Devices (ICSMD-2018), 28-30 August 2018, Ardahan University, Ardahan, TURKEY, 28 - 30 August 2018
- XIV. **Examination of characteristic parameters of Zn/n-Si junction depending on electron radiation applied at different doses**
SALARİ M. A., ŞAHİN Y., GÜZELDİR B., SAĞLAM M.
2nd International Congress on Semiconductor Materials and Devices (ICSMD-2018), 28-30 August 2018, Ardahan University, Ardahan, TURKEY, 28 - 30 August 2018
- XV. **CALCULATION OF SOME PARAMETERS OF THE ZnO INTERFACIAL Zn/n-Si JUNCTION DEPENDING ON THE ELECTRON RADIATION APPLIED AT DIFFERENT DOSES THAN THE CAPACITY-VOLTAGE CHARACTERISTICS**
SALARİ M. A., MERHAN MUĞLU G., GÜZELDİR B., SAĞLAM M.
2nd International Congress on Semiconductor Materials and Devices (ICSMD-2018), 28-30 August 2018, Ardahan University, Ardahan, TURKEY, 28 - 30 August 2018
- XVI. **The temperature dependence of current-voltage characteristics of CuAuAg/n-Si/Ti Schottky diode**
ORHAN Z., TAŞER A., GÜZELDİR B., SAĞLAM M.
2nd International Congress on Semiconductor Materials and Devices (ICSMD-2018), 28-30 August 2018, Ardahan University, Ardahan, TURKEY, 28 - 30 August 2018
- XVII. **Effects of Aging on the Electrical Properties of Au/n-Si/Ti, Cu/n-Si/Ti and AuCu/n-Si/Ti Schottky Diodes**
TAŞER A., ORHAN Z., AYKAÇ C., ÖZAKIN O., GÜZELDİR B., SAĞLAM M.
2nd International Congress on Semiconductor Materials and Devices (ICSMD-2018), 28-30 August 2018, Ardahan University, Ardahan, TURKEY, 28 - 30 August 2018
- XVIII. **EFFECTS OF GOLD WEIGHT RATE ON THE ELECTRICAL CHARACTERISTICS OF CuAuAg/n-Si/Ti SCHOTTKY DIODE**
ORHAN Z., TAŞER A., GÜZELDİR B., SAĞLAM M.
2nd International Congress on Semiconductor Materials and Devices (ICSMD-2018), 28-30 August 2018, Ardahan University, Ardahan, TURKEY, 28 - 30 August 2018
- XIX. **Investigation of Structural Properties of Sol-Gel Deposited W-Loaded V2O5 Films**
BALTAKESMEZ A., AYKAÇ C., GÜZELDİR B., ODABAŞ M., SAĞLAM M.
3rd International Conference on Advances in Natural Applied Sciences (ICANAS-2018), 9 - 12 May 2018
- XX. **The Effects of Thermal Annealing on Characteristic Parameters of Ni/ZnO/n-Si/Au-Sb Structure**
SALARİ M. A., ODABAŞ M., GÜZELDİR B., SAĞLAM M.
3rd International Conference on Advances in Natural Applied Sciences (ICANAS-2018), 9 - 12 May 2018
- XXI. **Synthesis of CuFeO Thin Films and Their Morphological Properties**
AYKAÇ C., TAŞER A., ÖZAKIN O., GÜZELDİR B., ODABAŞ M., SAĞLAM M.
3rd International Conference on Advances in Natural Applied Sciences (ICANAS-2018), 9 - 12 May 2018
- XXII. **The Optical Characterization of the W doped V2O5 Thin Films Irradiated With Gamma-Rays**
BALTAKESMEZ A., ODABAŞ M., GÜZELDİR B., YILMAZ D., SAĞLAM M.
3rd International Conference on Advances in Natural Applied Sciences (ICANAS-2018), 9 - 12 May 2018
- XXIII. **Determination of Albedo Factors for Undoped, Selenium and Bore Doped Vanadium Oxide Thin Films**
UZUNOĞLU Z., BALTAKESMEZ A., GÜZELDİR B., YILMAZ D.
3rd International Conference on Advances in Natural and Applied Sciences, Turkey, 9 - 12 May 2018
- XXIV. **Investigation as Function of Thermal Annealing of the Optical, Structural and Morphological Properties of ZnSe Thin Films Obtained by Spray Pyrolysis Method**
SALARİ M. A., ODABAŞ M., GÜZELDİR B., SAĞLAM M.

- 3rd International Conference on Advances in Natural Applied Sciences (ICANAS-2018), 9 - 12 May 2018
- XXV. **Investigation Some Properties of CdZnSe Thin Films**
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