

Assoc. Prof. ALİ RIZA DENİZ

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: FXJ-8509-2022

ScopusID: 36728296300

Yoksis Researcher ID: 38488

Education Information

Doctorate, Ataturk University, Fen Fakültesi, Fizik, Turkey 2010 - 2015

Undergraduate, Ataturk University, Kâzım Karabekir Eğitim Fakültesi, Ortaöğretim Fen Ve Matematik Alanlar Eğitimi Bölümü, Turkey 2003 - 2008

Dissertations

Doctorate, Investigation of electrical properties of $au/fe_3o_4/p-si/al$ and $au/fe_3o_4/p-si/al$ heterojunctions dependent on temperature, Ataturk University, Fen Fakültesi, Fizik, 2015

Research Areas

Electrical properties of electronic structures, interfaces, thin films and low-dimensional structures

Academic Titles / Tasks

Associate Professor, Hakkari University, Çölemerik Meslek Yüksekokulu, Elektrik Ve Enerji Bölümü, 2023 - Continues

Assistant Professor, Hakkari University, Çölemerik Meslek Yüksekokulu, Elektrik Ve Enerji Bölümü, 2016 - 2022

Research Assistant, Hakkari University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2015 - 2015

Academic and Administrative Experience

Director of Vocational School, Hakkari University, Çölemerik Meslek Yüksekokulu, Elektrik Ve Enerji, 2023 - Continues

Head of Department, Hakkari University, Çölemerik Meslek Yüksekokulu, Elektrik Ve Enerji, 2023 - Continues

Institute Board Member, Hakkari University, Çölemerik Meslek Yüksekokulu, Elektrik Ve Enerji, 2022 - Continues

Member of the Senate, Hakkari University, Çölemerik Meslek Yüksekokulu, Elektrik Ve Enerji, 2022 - Continues

Vocational School Board Member, Hakkari University, Çölemerik Meslek Yüksekokulu, Elektrik Ve Enerji, 2022 - Continues

Member of ADEK Commission, Hakkari University, Çölemerik Meslek Yüksekokulu, Elektrik Ve Enerji, 2022 - Continues

Scientific Award Committee Member, Hakkari University, Çölemerik Meslek Yüksekokulu, Elektrik Ve Enerji, 2020 -

Continues

Head of Department, Hakkari University, Çölemerik Meslek Yüksekokulu, Elektrik Ve Enerji, 2016 - 2022

Courses

Postgraduate

Kathal Fiziği I, Postgraduate, 2021 - 2022, 2020 - 2021, 2018 - 2019

Kuantum Mekaniği II, Postgraduate, 2021 - 2022, 2019 - 2020

Güneş Enerjisi Teknolojileri, Postgraduate, 2021 - 2022, 2020 - 2021, 2018 - 2019

Teorik Mekanik I, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Katlıların Optik Özellikleri, Postgraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019

Elektromanyetik Teori II, Postgraduate, 2020 - 2021, 2018 - 2019

Kuantum Mekaniği - II, Postgraduate, 2020 - 2021

Yarıiletken Aygıtların Fabrikasyonu ve Karakterizasyonu, Postgraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019

MOSFET, Postgraduate, 2020 - 2021, 2018 - 2019

Kuantum Fiziği II, Postgraduate, 2018 - 2019

Kathal Fiziği II, Postgraduate, 2018 - 2019

Associate Degree

HİDROLİK VE PNÖMATİK SİSTEMLER, Associate Degree, 2017 - 2018

ENDÜSTRİYEL KONTROL ELEMANLAR, Associate Degree, 2017 - 2018

Teknolojinin Bilimsel İlkeleri, Associate Degree, 2017 - 2018, 2016 - 2017

Alternatif Akım Devre Analizi, Associate Degree, 2017 - 2018

Doğru Akım Devre Analizi, Associate Degree, 2017 - 2018, 2016 - 2017

Yenilenebilir Enerji Kaynakları, Associate Degree, 2016 - 2017

Sistem Analizi ve Tasarımı I, Associate Degree, 2016 - 2017

Enerji Yönetimi , Associate Degree, 2016 - 2017

Endüstriyel Kontrol Elemanlar, Associate Degree, 2015 - 2016

Enerji Yönetimi, Associate Degree, 2015 - 2016

İş Güvenliği ve Sağlığı, Associate Degree, 2015 - 2016

Termodinamik, Associate Degree, 2015 - 2016

Hidrolik ve Pnömatik Sistemler, Associate Degree, 2015 - 2016

Supervised Theses

ALİ RIZA D., Ni/PEDOT:PSS/kristal viyoleto/p-Si/Al heteroekleminin sıcaklığa bağlı olarak elektriksel özelliklerinin incelenmesi, Postgraduate, A.İMRAN(Student), 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Investigation Of The Schottky Diode Performance of a new Diaminomaleonitrile-Based Organic Material with D-Π-A Architecture**
Erdoğan M., Rıza Deniz A. R., Çaldıran Z., ACAR M.
ChemistrySelect, vol.9, no.24, 2024 (SCI-Expanded)
- II. **A novel thiophene-based D-π-A type organic material: Synthesis, characterization and Schottky diode applications**
Erdoğan M., DENİZ A. R., Çaldıran Z.
Journal of Photochemistry and Photobiology A: Chemistry, vol.443, 2023 (SCI-Expanded)
- III. **Analysis of temperature dependent current-voltage and frequency dependent capacitance-voltage**

characteristics of Au/CoO/p-Si/Al MIS diode

DENİZ A. R.

Microelectronics Reliability, vol.147, 2023 (SCI-Expanded)

- IV. **Electrical characteristics of Al₂O₃/p-Si heterojunction diode and effects of radiation on the electrical properties of this diode**
DENİZ A. R., Çaldıran Z., Taşyürek L. B.
Journal of Materials Science: Materials in Electronics, vol.33, no.36, pp.26954-26965, 2022 (SCI-Expanded)
- V. **Effects of PEDOT:PSS and crystal violet interface layers on current-voltage performance of Schottky barrier diodes as a function of temperature and variation of diode capacitance with frequency**
DENİZ A. R., TAŞ A., Çaldıran Z., İNCEKARA Ü., Biber M., AYDOĞAN Ş., TÜRÜT A.
Current Applied Physics, vol.39, pp.173-182, 2022 (SCI-Expanded)
- VI. **Heterojunction diode application of yttrium iron oxide (Y₃Fe₅O₁₂)**
DENİZ A. R., Çaldıran Z.
Journal of Materials Science: Materials in Electronics, vol.33, no.8, pp.5233-5243, 2022 (SCI-Expanded)
- VII. **The analyzing of I-V performance of PbO₂/n-Si heterojunction in the wide temperature range**
DENİZ A. R.
Journal of Alloys and Compounds, vol.888, 2021 (SCI-Expanded)
- VIII. **The heterojunction diode application of mesoporous graphitic carbon nitride (mpg-C₃N₄)**
Çaldıran Z., DENİZ A. R., SEVİM M., AYDOĞAN Ş.
Superlattices and Microstructures, vol.157, 2021 (SCI-Expanded)
- IX. **The temperature dependence of current-voltage characteristics of V₂O₅/p-Si heterojunction diode**
DENİZ A. R.
Journal of Materials Science: Materials in Electronics, vol.32, no.14, pp.18886-18899, 2021 (SCI-Expanded)
- X. **Investigation of electrical properties of Ni/Crystal Violet (C₂₅H₃₀CIN₃)/n-Si/Al diode as a function of temperature**
DENİZ A. R., Çaldıran Z., Biber M., İNCEKARA Ü., AYDOĞAN Ş.
Journal of Alloys and Compounds, vol.763, pp.622-628, 2018 (SCI-Expanded)
- XI. **The investigation of the electrical properties of Fe₃O₄/n-Si heterojunctions in a wide temperature range**
DENİZ A. R., Çaldıran Z., Metin Ö., Meral K., AYDOĞAN Ş.
Journal of Colloid and Interface Science, vol.473, pp.172-181, 2016 (SCI-Expanded)
- XII. **Preparation and characterization of sol-gel-derived n-ZnO thin film for Schottky diode application**
YILMAZ M., Çaldıran Z., DENİZ A. R., AYDOĞAN Ş., Gunturkun R., Turut A.
Applied Physics A: Materials Science and Processing, vol.119, no.2, pp.547-552, 2015 (SCI-Expanded)
- XIII. **The analysis of the current-voltage characteristics of the high barrier Au/Anthracene/n-Si MIS devices at low temperatures**
Kaçuş H., DENİZ A. R., Çaldıran Z., AYDOĞAN Ş., Yesildag A., EKİNCİ D.
Materials Chemistry and Physics, vol.143, no.2, pp.545-551, 2014 (SCI-Expanded)
- XIV. **I-V-T (current-voltage-temperature) characteristics of the Au/Anthraquinone/p-Si/Al junction device**
Çaldıran Z., DENİZ A. R., ARARGÜÇ M. F., AYDOĞAN Ş., Yesildag A., EKİNCİ D.
Journal of Alloys and Compounds, vol.584, pp.652-657, 2014 (SCI-Expanded)
- XV. **Schottky diode performance of an Au/Pd/GaAs device fabricated by deposition of monodisperse palladium nanoparticles over a p-type GaAs substrate**
DENİZ A. R., Çaldıran Z., Metin Ö., CAN H., Meral K., AYDOĞAN Ş.
Materials Science in Semiconductor Processing, vol.27, no.1, pp.163-169, 2014 (SCI-Expanded)
- XVI. **The electrical characteristics of the Fe₃O₄/Si junctions**
Çaldıran Z., DENİZ A. R., ŞAHİN Y., Metin Ö., Meral K., AYDOĞAN Ş.
Journal of Alloys and Compounds, vol.552, pp.437-442, 2013 (SCI-Expanded)
- XVII. **The barrier height enhancement of the Au/n-Si/Al Schottky barrier diode by electrochemically formed an organic Anthracene layer on n-Si**

Çaldıran Z., DENİZ A. R., AYDOĞAN Ş., Yesildag A., EKİNCİ D.

Superlattices and Microstructures, vol.56, pp.45-54, 2013 (SCI-Expanded)

XVIII. **The synthesis of the Fe₃O₄ nanoparticles and the analysis of the current-voltage measurements on Au/Fe₃O₄/p-Si schottky contacts in a wide temperature range**

DENİZ A. R., Çaldıran Z., ŞAHİN Y., Şinoforoğlu M., Metin Ö., Meral K., AYDOĞAN Ş.

Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, vol.44, no.8, pp.3809-3814, 2013 (SCI-Expanded)

XIX. **Extraction of electronic parameters of Schottky diode based on an organic Orcein**

AYDOĞAN Ş., İNCEKARA Ü., DENİZ A. R., Türüt A.

Microelectronic Engineering, vol.87, no.12, pp.2525-2530, 2010 (SCI-Expanded)

XX. **Extraction of electronic parameters of Schottky diode based on an organic Indigotindisulfonate Sodium (IS)**

AYDOĞAN Ş., Üncekara I., DENİZ A. R., Türüt A.

Solid State Communications, vol.150, no.33-34, pp.1592-1596, 2010 (SCI-Expanded)

Articles Published in Other Journals

I. **Investigation of I-V-T Characteristics of Cr/Indigo Carmine/p-Si/Al Heterojunction Diode**

DENİZ A. R.

İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.11, no.4, pp.2790-2802, 2021 (Peer-Reviewed Journal)

Papers Published in Refereed Scientific Meetings

I. **Change in Electrical Properties of Ni/Au-Poly(p-phenylene sulfide) (PPS)/p-Si/Al Diode with Temperature**

DENİZ A. R.

ANADOLU 16TH INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, Van, Turkey, 20 - 22 December 2024

II. **Diode Applications of Au Doped Poly(p-phenylene sulfide) (PPS) Polymer Material**

DENİZ A. R.

ANADOLU 16TH INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, Van, Turkey, 20 - 22 December 2024

III. **Changes in Basic Diode Parameters of Poly(p-phenylene vinylene) (PPV) /p-Si Diode Depending on Temperature and Radiation**

DENİZ A. R.

SELÇUK 11th INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, Konya, Turkey, 13 - 15 December 2024

IV. **Schottky Diode Performance of Poly(p-phenylene vinylene) (PPV) Material**

DENİZ A. R.

SELÇUK 11th INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, Konya, Turkey, 13 - 15 December 2024

V. **EFFECTS OF TEMPERATURE AND RADIATION ON ELECTRICAL PARAMETERS OF Au/MgO/p-Si/Al DIODE**

DENİZ A. R.

KARADENİZ 17th INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, Rize, Turkey, 8 - 10 November 2024

VI. **DIODE PERFORMANCE OF MgO MATERIAL**

DENİZ A. R.

KARADENİZ 17th INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, Rize, Turkey, 8 November - 10 December 2024

VII. **TEMPERATURE DEPENDENCE OF BASIC ELECTRICAL PARAMETERS OF Ni/GO/p-Si/Al DIODE**

DENİZ A. R.

AVRASYA 9TH INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, Tiflis, Georgia, 24 - 26 November 2023, pp.276-281

- VIII. **EFFECTS OF GRAPHEN OXİDE (GO) MATERIAL ON THE CURRENT-VOLTAGE CHARACTERISTICS OF DIODES**
DENİZ A. R.
AVRASYA 9TH INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, Tiflis, Georgia, 24 - 26 November 2023, pp.282-286
- IX. **DIODE APPLICATIONS OF Au DOPED CuO MATERIAL**
DENİZ A. R.
5TH INTERNATIONAL BLACK SEA MODERN SCIENTIFIC RESEARCH CONGRESS, Rize, Turkey, 8 - 10 November 2023, vol.2, pp.206-211
- X. **CHANGE OF BASIC ELECTRICAL PARAMETERS OF Au/Au-CuO/p-Si/Al WITH TEMPERATURE**
DENİZ A. R.
5TH INTERNATIONAL BLACK SEA MODERN SCIENTIFIC RESEARCH CONGRESS, Rize, Turkey, 8 - 10 November 2023, pp.211-217
- XI. **CHANGE OF SOME ELECTRICAL PARAMETERS OF Au/CoO/p-Si/Al DIODE WITH TEMPERATURE**
DENİZ A. R.
4TH INTERNATIONAL BLACK SEA MODERN SCIENTIFIC RESEARCH CONGRESS, Rize, Turkey, 02 June 2023
- XII. **USAGE OF CoO NANOPARTS IN DIODE APPLICATIONS AND ANALYSIS OF THE ELECTRICAL PROPERTIES OF THE DIODE**
DENİZ A. R.
4TH INTERNATIONAL BLACK SEA MODERN SCIENTIFIC RESEARCH CONGRESS, Rize, Turkey, 02 June 2023
- XIII. **MnO MALZEMESİNİN CİHAZ UYGULAMALARI**
DENİZ A. R.
SELÇUK 8th INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, Konya, Turkey, 19 - 21 May 2023
- XIV. **MnO/p-Si DİYOTUNUN ELEKTRİKSEL ÖZELLİKLERİNİN X- İŞİNİ RADYASYONUNA GÖRE DEĞİŞİMİ**
DENİZ A. R.
SELÇUK 8th INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, Konya, Turkey, 19 - 21 May 2023
- XV. **The Use of α -Al₂O₃ Material as an Interface Layer in Schottky Diode Applications and the Effect of Radiation Diode Characteristics**
DENİZ A. R.
Karadeniz 11th International Conference on Applied Sciences, Rize, Turkey, 17 December 2022
- XVI. **Investigation of I-V-T Characteristics of Ni/ α -Al₂O₃/p-Si/Al Diode**
DENİZ A. R.
Karadeniz 11th International Conference on Applied Sciences, Rize, Turkey, 17 December 2022
- XVII. **Heterojunction Diode Performance of PbO₂ material and Variation of Electrical Properties of Heterojunction Depending on X-Ray Radiation**
DENİZ A. R.
ANADOLU 9TH INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, Diyarbakır, Turkey, 11 June 2022
- XVIII. **Variation of Basic Diode Parameters of Ni/PbO₂/n-Si/Al Heterojunction as a Function of Temperature**
DENİZ A. R.
ANADOLU 9TH INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, Diyarbakır, Turkey, 11 June 2022
- XIX. **THE USE OF INDIGO CARMINE MATERIAL AS AN INTERFACE LAYER IN HETEROJUNCTION APPLICATIONS AND THE CHANGE OF THE ELECTRICAL PROPERTIES OF THE THIS HETEROJUNCTION WITH DIFFERENT DOSES OF X-RAY RADIATION**
DENİZ A. R.
ÇUKUROVA 8th INTERNATIONAL SCIENTIFIC RESEARCHES CONFERENCE, Adana, Turkey, 15 April 2022
- XX. **ANALYSIS OF TEMPERATURE DEPENDENT CHARACTERISTICS OF Cr/INDIGO CARMINE/p-Si/Al HETEROJUNCTION DIODE**
DENİZ A. R.
ÇUKUROVA 8th INTERNATIONAL SCIENTIFIC RESEARCHES CONFERENCE, Adana, Turkey, 15 April 2022
- XXI. **ELECTRICAL AND MORPHOLOGICAL PROPERTIES OF of Cr/V₂O₅/p-Si/Al SCHOTTKY BARRIER DIODE**

- DENİZ A. R.
7th INTERNATIONAL BLACK SEA COASTLINE COUNTRIES SYMPOSIUM, Bükreş, Romania, 27 November 2021
- XXII. **SCHOTTKY DIODE APPLICATIONS OF THE POLY (ETHYLENE ACIDE)**
DENİZ A. R.
INTERNATIONAL ASIAN CONGRESS ON CONTEMPORARY SCIENCES-V, Azerbaijan, 1 - 02 June 2021
- XXIII. **AN INVESTIGATION ABOUT THE I-V (CURRENT-VOLTAGE) CHARACTERISTIC OF Sn/SODIUM TRIFLUOROMETHANESULFONATE/p-Si/Al HETEROJUNCTION DEPENDING ON TEMPERATURE**
DENİZ A. R.
ANATOLIAN CONGRESSES, 6th INTERNATIONAL APPLIED SCIENCE CONGRESS, Van, Turkey, 21 - 23 May 2021
- XXIV. **ANALYSIS OF CURRENT-VOLTAGE (I-V) CHARACTERISTICS OF Au / POLY (N-VINYLCAPROLACTAM) / p-Si / Al HETEROJUNCTION DEPENDING ON TEMPERATURE**
DENİZ A. R.
INTERNATIONAL BLACK SEA COASTLINE COUNTRIES SCIENTIFIC RESEARCH SYMPOSIUM – VI, Giresun, Turkey, 28 - 30 April 2021
- XXV. **The Analysis of the Current -Voltage Measurements on Fe₃O₄/n-Si Heterojunctions in a Wide Temperature Range**
DENİZ A. R., ÇALDIRAN Z., YÜZER E. Ö., AYDOĞAN Ş.
International Multidisciplinary Congress of Eurasia (IMCOFE), Barcelona, Spain, 24 - 26 July 2018
- XXVI. **The Electrical Characteristics of the Ni/Crystal Violet (C₂₅H₃₀CIN₃)/n-Si/Al Schottky Type Diode Depending on Temperature**
DENİZ A. R., ÇALDIRAN Z., BİBER M., İNCEKARA Ü., AYDOĞAN Ş.
INTERNATIONAL CONGRESS ON SEMICONDUCTOR MATERIALS AND DEVICES ICSMD-2017, Konya, Turkey, 17 - 19 August 2017
- XXVII. **The Effect of Fe₃O₄ Nanoparticles on the Power Conversion Efficiency of P3HT:PCBM Based Organic Solar Cells**
ÇALDIRAN Z., SEVİM M., DENİZ A. R., BİBER M., METİN Ö., AYDOĞAN Ş.
INTERNATIONAL CONGRESS ON SEMICONDUCTOR MATERIALS AND DEVICES ICSMD-2017, Konya, Turkey, 17 - 19 August 2017
- XXVIII. **Electrical Characterization of Au/SrTiO₃/n-Si/Al Heterojunction Device**
TAŞYÜREK L. B., ÇALDIRAN Z., DENİZ A. R., METİN Ö., AYDOĞAN Ş.
INTERNATIONAL CONGRESS ON SEMICONDUCTOR MATERIALS AND DEVICES ICSMD-2017, Konya, Turkey, 17 - 19 August 2017
- XXIX. **Au Anthracene N Si Al Heterojunction of Barrier Height Determining Different Methods**
KAÇUŞ H., ÇALDIRAN Z., DENİZ A. R., AYDOĞAN Ş., EKİNCİ D.
IPCAP 2016, Erzurum, Turkey, 25 - 27 February 2016
- XXX. **The Effect of Series Resistance on Au Anthracene N Si Al Heterojunctions at Low Temperatures**
KAÇUŞ H., ÇALDIRAN Z., AYDOĞAN Ş., DENİZ A. R., EKİNCİ D.
IPCAP 2016, Erzurum, Turkey, 25 - 27 February 2016
- XXXI. **Current Voltage I V and Capacitance Voltage C V Characterizatics of the Au poly 3 PHMP p Si Al Junction Device**
DENİZ A. R., ÇALDIRAN Z., DEMİR H. Ö., AYDOĞAN Ş.
IPCAP 2016, Erzurum, Turkey, 25 - 27 February 2016
- XXXII. **The Effect of Annealing on Pentacene PTDCI Organic Solar Cells Characteristics**
ORHAN Z., ZAKİR Ç., DENİZ A. R., AYDOĞAN Ş., BİBER M., DALGIÇ K. D.
9th INTERNATIONAL PHYSICS CONFERENCE OF THE BALKAN PHYSICAL UNION – BPU9, İstanbul, Turkey, 24 - 27 August 2015
- XXXIII. **The Heterojunction Applications of the Graphene Oxide Fe₃O₄ GO Fe₃O₄ Nanocomposites Material**
ZAKİR Ç., DENİZ A. R., METİN Ö., AYDOĞAN Ş., UĞURLU SAĞIN E.
9th INTERNATIONAL PHYSICS CONFERENCE OF THE BALKAN PHYSICAL UNION – BPU9, İstanbul, Turkey, 24 - 27 August 2015
- XXXIV. **The Analysis of Frequency Dependence Capacitance Voltage C V Curves of Au Fe₃O₄ n Si Al**

Rectifying Device

DENİZ A. R., ZAKİR Ç., ÇOŞKUN F. M., İLKNUR K., MERAL K., AYDOĞAN Ş.

INTERNATIONAL SEMICONDUCTOR SCIENCE TECHNOLOGY CONFERENCE 2015, İzmir, Turkey, 11 - 13 May 2015

- XXXV. **The Effect of Organic Interface Material on Capacity Voltage C V Measurements of the Metal Organic Semiconductor Contacts**
ZAKİR Ç., DENİZ A. R., YEŞİLDAĞ A., EKİNCİ D., AYDOĞAN Ş.
INTERNATIONAL SEMICONDUCTOR SCIENCE TECHNOLOGY CONFERENCE 2015, İzmir, Turkey, 11 - 13 May 2015
- XXXVI. **Electrical Characterization of Au Fe₃O₄ p Si Al Rectifier Devices Depending on X Ray Radiation Dos**
DENİZ A. R., ZAKİR Ç., ŞAHİN Y., HATİCE K., MEHMET Ş., AYDOĞAN Ş.
INTERNATIONAL SEMICONDUCTOR SCIENCE TECHNOLOGY CONFERENCE 2015, İzmir, Turkey, 11 - 13 May 2015
- XXXVII. **Optical and Electrical Characterization of n ZnO p Si Heterojunction**
ZAKİR Ç., DENİZ A. R., YILMAZ M., HATİCE K., BİBER M., AYDOĞAN Ş.
INTERNATIONAL SEMICONDUCTOR SCIENCE TECHNOLOGY CONFERENCE, İzmir, Turkey, 11 - 13 May 2015
- XXXVIII. **Schottky Contact Applications of the Quinoline Organic Material**
YEŞİLDAĞ A., ZAKİR Ç., DENİZ A. R., AYDOĞAN Ş., EKİNCİ D.
INTERNATIONAL SEMICONDUCTOR SCIENCE TECHNOLOGY CONFERENCE, İzmir, Turkey, 11 - 13 May 2015
- XXXIX. **CURRENT VOLTAGE I-V CHARACTERISTICS OF Sn /GaTe /p-Si /Al RECTIFYING CONTACTS**
ÇALDIRAN Z., ÇINAR DEMİR K., DENİZ A. R., AYDOĞAN Ş., ÇOŞKUN F. M.
International Semiconductor Science Technology Conference, İstanbul, Turkey, 13 - 15 January 2014
- XL. **The Electrical Characterization of Au Aminopyridine p-Si Al Rectifying Contact with Organic Interface**
ÇOŞKUN F. M., ÇALDIRAN Z., DENİZ A. R., AYDOĞAN Ş., YEŞİLDAĞ A., EKİNCİ D.
International Semiconductor Science Technology Conference, İstanbul, Turkey, 13 - 15 January 2014
- XLI. **THE ELECTRICAL CHARACTERIZATION of Au F₃O₄ p Si Al RECTIFYING CONTACT WITH Fe₃O₄ INTERFACE**
DENİZ A. R., ÇALDIRAN Z., ÇOŞKUN F. M., ŞAHİN Y., AYDOĞAN Ş., MERAL K., METİN Ö., MERAL K., ŞİNOFOROĞLU M., ŞİNOFOROĞLU M.
International Semiconductor Science Technology Conference, 13 - 15 January 2014
- XLII. **Au AMİNOPİRİDİ p Si Al ve Au ANTRAKİNON p Si Al metal yarıiletken doğrultucu kontakların X ışını radyasyonuna bağlı karakterizasyonu**
ŞAHİN Y., ÇALDIRAN Z., DENİZ A. R., YEŞİLDAĞ A., AYDOĞAN Ş., EKİNCİ D., ŞERİFOĞLU K.
Türk Fizik Derneği 29. Uluslararası Fizik Kongresi, Bodrum/MUĞLA, Turkey, 5 - 08 September 2012
- XLIII. **Au ANTRAKİNON p Si Al Schottky diyodunun X ışını radyasyonuna bağlı akım voltaj I V karakteristiğinin incelenmesi**
ÇALDIRAN Z., AYDOĞAN Ş., DENİZ A. R., ŞAHİN Y., EKİNCİ D., YEŞİLDAĞ A.
Türk Fizik Derneği 29. Uluslararası Fizik Kongresi, Bodrum/MUĞLA, Turkey, 5 - 08 September 2012
- XLIV. **Au Anthraquinone n Si Al Schottky Diyodunun Sıcaklık Bağlı Akım Voltaj I V Karakteristiğinin incelenmesi**
ÇALDIRAN Z., DENİZ A. R., AYDOĞAN Ş., EKİNCİ D., YEŞİLDAĞ A., ŞAHİN Y.
Türkiye Fizik Derneği 29. Uluslararası Fizik Kongresi, Bodrum/MUĞLA, Turkey, 5 - 08 September 2012
- XLV. **Au Anthraquinone p Si Al Schottky diyodunun sıcaklığa bağlı akım voltaj I V karakteristiğinin incelenmesi**
ÇALDIRAN Z., AYDOĞAN Ş., DENİZ A. R., YEŞİLDAĞ A., EKİNCİ D.
Türk Fizik Derneği 29. Uluslararası Fizik Kongresi, Bodrum/MUĞLA, Turkey, 5 - 08 September 2012

Metrics

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Awards

Deniz A. R., En İyi BAP Ödülü, Hakkari Üniversitesi, May 2024

Deniz A. R., Akademik Performans Ödülü, Hakkari Üniversitesi, May 2024