

Prof. Ali KÖKCE

Personal Information

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Education Information

Doctorate, Fırat University, Fen Fakültesi, Fizik, Turkey Continues

Post Graduate, Ankara University, Fen Fakültesi, Fizik, Turkey Continues

Under Graduate, Ankara University, Fen Fakültesi, Fizik, Turkey Continues

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Austenite-Martensite Faz Dönüşümlerinde Büyümenin Fe-Ni Alaşımları için İncelenmesi, Fırat University, Fen Bilimleri Enstitüsü, Fizik, 1981

Post Graduate, Analogtan Dijitale Çeviriciler, Suleyman Demirel University, Fen Fakültesi, Fizik, 1976

Research Areas

Physics, Intensive Article 2: Electronic Structure, Electric, Magnetic and Optical Properties, Natural Sciences

Academic Titles / Tasks

Professor, Suleyman Demirel University, Fen-Edebiyat Fakültesi, Fizik, 1996 - Continues

Associate Professor, Suleyman Demirel University, Fen-Edebiyat Fakültesi, Fizik, 1993 - 1996

Assistant Professor, Fırat University, Fen-Edebiyat Fakültesi, Fizik, 1977 - 1991

Diğer (Kurumlar,hastaneler Vb.), Milli Eğitim Bakanlığı, Ankara Şereflikoçhisar Lisesi, 1976 - 1977

Other, Diğer (Kurumlar,hastaneler Vb.), Meteoroloji Genel Müdürlüğü, Telekomünikasyon Şubesi, 1975 - 1976

Professional Experience

Head of Department, Van Yüzüncü Yıl University, Fen-Edebiyat Fakültesi, Fizik Bölümü, 1991 - 1993

Courses

Fizik Laboratuvarı-I, Under Graduate, 2017 - 2018

Fizik-II, Under Graduate, 2016 - 2017

Fizik-I, Under Graduate, 2017 - 2018

Fizik-II, Under Graduate, 2016 - 2017

Klasik Mekaniğe Giriş, Post Graduate, 2016 - 2017, 2017 - 2018

Advising Theses

- KÖKCE A., The preparation of Au/Zn-Nanoparticle-doped PVA/n-SiC (MPS) Structures and the Investigation of Their Electrical and Dielectric Properties as Function of Frequency and Temperature using Impedance Spectroscopy Method, Doctorate, M.Hussein(Student), 2017
- KÖKCE A., Au/İletken Polimer (P3DMTFT)/n-GaAs Schottky Yapının Elektriksel Parametrelerinin Sıcaklık Bağımlılığı, Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü., Post Graduate, Y.Kansız(Student), 2014
- KÖKCE A., Au/Poli (3-Sübsitüetiyofer) (P3DMTFT)/n-GaAs Schottky Kontakların Fotovoltaik ve Elektriksel Özellikleri, Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü., Post Graduate, H.Elif(Student), 2014
- KÖKCE A., Metal/III-V yarıiletken n-GaAs metal doğrultucu kontakların numune sıcaklığına bağlı diyot karakteristiklerinin bazı metotlarla irdelenmesi,S.D.Ü. Fen-Bilimleri Enstitüsü, 2013., Doctorate, D.Ali(Student), 2013
- KÖKCE A., Au/Poli(3-Sübsitüetiyofer (P3DMTFT)/n-tipi InP/In Yapının Elektriksel Karakterizasyonu, SDÜ Fen-Bilimleri Enstitüsü Isparta, 2011, Post Graduate, S.Karataş(Student), 2011
- KÖKCE A., Al/Polythiophene (PTh)-SiO₂/p-Si/Al Diyodun Elektronik Özellikleri , S.D.Ü. Fen Bilimleri Enstitüsü, Post Graduate, M.Esen(Student), 2011
- KÖKCE A., Al/P2ClAn(C₂H₅(COOH))/P-Si/Al Yapılarda Akım-Voltaj ve Kapasite-Voltaj Karakteristiklerinin İncelenmesi, Post Graduate, D.Ali(Student), 2007
- KÖKCE A., Kane Tipi Yarıiletken Kuantum Çubuklarında Yük Taşıyıcıların Enerji Spektrumları, S.D.Ü. Fen-Bilimleri Enstitüsü., Doctorate, Ş.Çakmaktepe(Student), 2006
- KÖKCE A., İşlemsel Zekanın Elektromanyetik Problemlere Uygulanması, Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü, 2006, Doctorate, H.Göksu(Student), 2006
- KÖKCE A., Ağır Metallerde Düşük Enerjili Foton Kullanılarak (g,n) Reaksiyonlarının Ölçümü, Post Graduate, A.Kaplan(Student), 2003
- KÖKCE A., Ağır Metallerde Düşük Enerjili Foton Kullanılarak, (g,n) Reaksiyonlarının Ölçümü, Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü., Doctorate, A.Kaplan(Student), 2003
- KÖKCE A., Deforme Çekirdeklerde Gamow-Teller ve Fermi Kuvvetlerinin Çift Beta Bozunmasına Etkisi, Doctorate, H.Ali(Student), 2002
- KÖKCE A., Metal/n- Tipi GaAs Schottky Diyotlarında Havada Oksitlenme ve Yaşlanmanın Akım-Gerilim (I-V) ve Kapasite, Konduktans-Gerilim, Frekans (C,V-G,t)Karakteristiklerine Etkisi, Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü., Doctorate, A.Faruk(Student), 2002
- KÖKCE A., Global Optimizasyon Yöntemiyle Elektromanyetik Ters Problem Çözümü, Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü, 2002, Post Graduate, H.Göksu(Student), 2002
- KÖKCE A., Heterojen Martensitik Faz Dönüşümlerinde Çekirdeklenme, Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü 1996, Post Graduate, M.Kaplan(Student), 1996
- KÖKCE A., Yüksek Lisans Tezi , Au-Sb/n-Si/Cu Schottky Diyotlarında Seri Direncin I-V ve C-V Karakteristiklerine Etkileri, Yüzüncüyıl Üniversitesi Fen Bilimleri Enstitüsü, Post Graduate, B.Batı(Student), 1994
- KÖKCE A., Cabir Temirci, Yüksek Lisans Tezi, Bilineer ve Biquadratik Etkileşmeli Spin-1 Isisng Sisteminin Denge Özellikleri, VAn-1999, Yüzüncüyıl Üniversitesi Fen Bilimleri Enstitüsü, 1994, Post Graduate, C.Temirci(Student), 1994

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Effect of illumination on electrical parameters of Au/(P3DMTFT)/n-GaAs Schottky barrier diodes**
Lapa H. E. , KÖKCE A., ALDEMİR D. A. , ÖZDEMİR A. F. , ALTINDAL Ş.
INDIAN JOURNAL OF PHYSICS, vol.94, pp.1901-1908, 2020 (Journal Indexed in SCI)
- II. **The interfacial properties of Au/n-4H-SiC structure with (Zn-doped PVA) interfacial layer**
Lapa H. E. , KÖKCE A., ALDEMİR D. A. , ÖZDEMİR A. F. , ALTINDAL Ş.

PHYSICA SCRIPTA, vol.95, 2020 (Journal Indexed in SCI)

- III. **The origin of anomalous peak and negative capacitance on dielectric behavior in the accumulation region in Au/(0.07 Zn-doped polyvinyl alcohol)/n-4H-SiC metal-polymer-semiconductor structures/diodes studied by temperature-dependent impedance measurements**
Al-Dharob M. H. , KÖKCE A., ALDEMİR D. A. , ÖZDEMİR A. F. , Altındal S.
JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS, vol.144, 2020 (Journal Indexed in SCI)
- IV. **Investigation of Dielectric Properties, Electric Modulus and Conductivity of the Au/Zn-Doped PVA/n-4H-SiC (MPS) Structure Using Impedance Spectroscopy Method**
Lapa H. E. , KÖKCE A., ÖZDEMİR A. F. , ALTINDAL Ş.
ZEITSCHRIFT FÜR PHYSIKALISCHE CHEMIE-INTERNATIONAL JOURNAL OF RESEARCH IN PHYSICAL CHEMISTRY & CHEMICAL PHYSICS, vol.234, pp.505-516, 2020 (Journal Indexed in SCI)
- V. **The Effects of Thermal Neutron Irradiation on Current-Voltage and Capacitance-Voltage Characteristics of Au/n-Si/Ag Schottky Barrier Diodes**
ALDEMİR D. A. , ALDEMİR R., KÖKCE A., Duman S., ÖZDEMİR A. F.
SILICON, vol.11, pp.2647-2657, 2019 (Journal Indexed in SCI)
- VI. **Investigation of temperature dependent negative capacitance in the forward bias C-V characteristics of (Au/Ti)/Al₂O₃/n-GaAs Schottky barrier diodes (SBDs)**
GUCLU C. S. , ÖZDEMİR A. F. , Karabulut A., KÖKCE A., Altındal S.
MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING, vol.89, pp.26-31, 2019 (Journal Indexed in SCI)
- VII. **The investigation of current-conduction mechanisms (CCMs) in Au/(0.07Zn-PVA)/n-4H-SiC (MPS) Schottky diodes (SDs) by using (I-V-T) measurements**
Al-Dharob M. H. , Lapa H. E. , KÖKCE A., ÖZDEMİR A. F. , ALDEMİR D. A. , Altındal S.
MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING, vol.85, pp.98-105, 2018 (Journal Indexed in SCI)
- VIII. **Detection and Identification of Vehicles Based on Their Spark-Free Unintended Electromagnetic Emissions**
GÖKSU H., WUNSCH D. C. , DONG X., KÖKCE A., BEETNER D. G.
IEEE TRANSACTIONS ON ELECTROMAGNETIC COMPATIBILITY, vol.60, pp.1594-1597, 2018 (Journal Indexed in SCI)
- IX. **A comparative study on dielectric behaviours of Au/(Zn-doped PVA)/n-4H-SiC (MPS) structures with different interlayer thicknesses using impedance spectroscopy methods**
Lapa H. E. , KÖKCE A., ÖZDEMİR A. F. , Uslu I., ALTINDAL Ş.
BULLETIN OF MATERIALS SCIENCE, vol.41, 2018 (Journal Indexed in SCI)
- X. **Temperature effects on the electrical characteristics of Al/PTh-SiO₂/p-Si structure**
ALDEMİR D. A. , KÖKCE A., ÖZDEMİR A. F.
BULLETIN OF MATERIALS SCIENCE, vol.40, pp.1435-1439, 2017 (Journal Indexed in SCI)
- XI. **Interfacial layer thickness dependent electrical characteristics of Au/(Zn-doped PVA)/n-4H-SiC (MPS) structures at room**
LAPA H. E. , KÖKCE A., AL-DHAROB M., Orak I., ÖZDEMİR A. F. , Altındal S.
EUROPEAN PHYSICAL JOURNAL-APPLIED PHYSICS, vol.80, 2017 (Journal Indexed in SCI)
- XII. **The Role of Hydrostatic Pressure in Electrical Properties of Au/n-GaAs Schottky diodes with Substituted Polyaniline Interfacial Layer**
ÖZDEMİR A. F. , Salari M. A. , KÖKCE A., UÇAR N.
ACTA PHYSICA POLONICA A, vol.132, pp.1118-1121, 2017 (Journal Indexed in SCI)
- XIII. **Frequency and Voltage-Dependent Dielectric Properties and AC Electrical Conductivity of (Au/Ti)/Al₂O₃/n-GaAs with Thin Al₂O₃ Interfacial Layer at Room Temperature**
GUCLU C. S. , ÖZDEMİR A. F. , KÖKCE A., Altındal S.
ACTA PHYSICA POLONICA A, vol.130, pp.325-330, 2016 (Journal Indexed in SCI)
- XIV. **The analysis of hydrostatic pressure dependence of the Au/native oxide layer/n-GaAs/Au-Ge Schottky diode parameters**
ÖZDEMİR A. F. , OZSOY T., KANSIZ Y., SANCAK M., KÖKCE A., UÇAR N., ALDEMİR D. A.
EUROPEAN PHYSICAL JOURNAL-APPLIED PHYSICS, vol.60, 2012 (Journal Indexed in SCI)

- XV. **Temperature dependent ideality factor and barrier height of Ni/n-GaAs/In Schottky diodes**
ALDEMİR D. A. , KÖKCE A., ÖZDEMİR A. F.
MICROELECTRONIC ENGINEERING, vol.98, pp.6-11, 2012 (Journal Indexed in SCI)
- XVI. **Analysis of current-voltage and capacitance-voltage-frequency characteristics in Al/p-Si Schottky diode with the polythiophene-SiO₂ nanocomposite interfacial layer**
ALDEMİR D. A. , Esen M., KÖKCE A., KARATAS S., ÖZDEMİR A. F.
THIN SOLID FILMS, vol.519, pp.6004-6009, 2011 (Journal Indexed in SCI)
- XVII. **Hydrostatic pressure effect on the electrical properties of Al/conducting polymer (P3DMTPT)/p-Si/Al structure**
UÇAR N., ÖZDEMİR A. F. , CALIK A., KÖKCE A.
SUPERLATTICES AND MICROSTRUCTURES, vol.49, pp.124-131, 2011 (Journal Indexed in SCI)
- XVIII. **Barrier height temperature coefficient in ideal Ti/n-GaAs Schottky contacts**
GOKSU T., Yildirim N., Korkut H., ÖZDEMİR A. F. , Turut A., KÖKCE A.
MICROELECTRONIC ENGINEERING, vol.87, pp.1781-1784, 2010 (Journal Indexed in SCI)
- XIX. **Electrical properties of Al/conducting polymer (P2ClAn)/p-Si/Al contacts**
ÖZDEMİR A. F. , ALDEMİR D. A. , KÖKCE A., Altındal S.
SYNTHETIC METALS, vol.159, pp.1427-1432, 2009 (Journal Indexed in SCI)
- XX. **Magnetic edge states in a Kane-type semiconductor quantum wire**
Babayev A. M. , ÇAKMAKTEPE S., Kokce A.
PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES, vol.33, pp.99-103, 2006 (Journal Indexed in SCI)
- XXI. **The double Gaussian distribution of barrier heights in Au/n-GaAs Schottky diodes from I-V-T characteristics**
ÖZDEMİR A., TURUT A., Kokce A.
SEMICONDUCTOR SCIENCE AND TECHNOLOGY, vol.21, pp.298-302, 2006 (Journal Indexed in SCI)
- XXII. **Aharonov-Bohm effect in Kane-type semiconductor quantum wire**
ÇAKMAKTEPE S., BABAYEV A., Kokce A.
PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES, vol.27, pp.397-404, 2005 (Journal Indexed in SCI)
- XXIII. **Solution of the inverse electromagnetic problem of spontaneous potential (SP) by very fast simulated reannealing (VFSR)**
GOKSU H., KAYA M., Kokce A.
ADVANCES IN NATURAL COMPUTATION, PT 2, PROCEEDINGS, vol.3611, pp.618-621, 2005 (Journal Indexed in SCI)
- XXIV. **A quantum wavepacket study of three-dimensional Ne-H-2(+) scattering**
GOGTAS F., OTURAK H., BULUT N., AKPINAR S., Kokce A.
MOLECULAR PHYSICS, vol.101, pp.1901-1909, 2003 (Journal Indexed in SCI)
- XXV. **g-factor of carriers in Kane-type semiconductor wire**
ÇAKMAK S., BABAYEV A., ARTUNC E., Kokce A., ÇAKMAKTEPE S.
PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES, vol.18, pp.365-371, 2003 (Journal Indexed in SCI)
- XXVI. **The interface state energy distribution from capacitance-frequency characteristics of gold/n-type Gallium arsenide Schottky barrier diodes exposed to air**
ÖZDEMİR A., TURUT A., Kokce A.
THIN SOLID FILMS, vol.425, pp.210-215, 2003 (Journal Indexed in SCI)
- XXVII. **The effects of the time-dependent and exposure time to air on Au/n-GaAs schottky barrier diodes**
ÖZDEMİR A., Kokce A., TURUT A.
APPLIED SURFACE SCIENCE, vol.191, pp.188-195, 2002 (Journal Indexed in SCI)
- XXVIII. **Time-dependent quantum study of three-dimensional inelastic scattering of I-H-2**
GOGTAS F., BULUT N., OTURAK H., Kokce A.
JOURNAL OF MOLECULAR STRUCTURE-THEOCHEM, vol.584, pp.149-157, 2002 (Journal Indexed in SCI)
- XXIX. **The bias-dependence change of barrier height of Schottky diodes under forward bias by including the series resistance effect**
TURUT A., BATI B., Kokce A., SAGLAM M., YALCIN N.

Articles Published in Other Journals

- I. **Yb/p-Si Schottky Diyotlarının Elektriksel Karakteristiklerinin İncelenmesi**
Lapa H. E. , KÖKCE A., ÖZDEMİR A. F.
İĞDIR ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, vol.9, no.1, pp.1385-1394, 2019 (National Refreed University Journal)
- II. **The Effect of Modified PVA Interfacial Layer Doped by Zn Nanoparticles on the Electrical Parameters of Au/N-4H SiC (MS) Structures**
Al-Dahrob M. H. , KÖKCE A., LAPA H. E. , ÖZDEMİR A. F. , ALTINDAL Ş.
Polymer Sciences, vol.4, pp.1-9, 2018 (Refereed Journals of Other Institutions)
- III. **The Effect of Modified PVA Interfacial Layer Doped by Zn Nanoparticles on the Electrical Parameters of Au/N-4H SiC (MS) Structures**
Al-Dahrob M. H. , KÖKCE A., Lapa H. E. , ÖZDEMİR A. F. , ALTINDAL Ş.
Polymer Sciences, vol.4, no.2, pp.1-9, 2018 (Journal Indexed in ESCI)
- IV. **Schottky diyot parametrelerini belirlemede kullanılan metotların geniş bir sıcaklık aralığı için kıyaslanması**
ALDEMİR D. A. , KÖKCE A., ÖZDEMİR A. F.
SAÜ Fen Bilimleri Enstitüsü Dergisi, vol.21, pp.1286-1292, 2017 (Other Refereed National Journals)
- V. **Nuclear matrix elements of double beta decay in deformed nuclei.**
KÖKCE A., Selam C., Küçükburşa A., Bircan H., Aygör H. A. , Babacan T., Maraş İ.
Turkish Journal of Physics, vol.27, pp.187-193, 2003 (Other Refereed National Journals)
- VI. **Transfer Matris Metodunun Bilineer ve Bikuadratik Değişme Etkileşmeli Hamiltoniyene Sahip Spin-1 İsing Modeline Uygulanması**
KAPLAN A., KÖKCE A.
S.D.Ü. Fen Bilimleri Enstitü Dergisi, vol.6, pp.122-129, 2002 (National Refreed University Journal)
- VII. **Transfer Matris Metodunun Bilineer ve Bikuadratik Değişme Etkileşmeli Hamiltoniyene Sahip Spin-1 İsing Modeline Uygulanması**
KAPLAN A., KÖKCE A.
S.DU. Fen Bilimleri Dergisi, vol.6, pp.122-129, 2002 (National Refreed University Journal)
- VIII. **Origin and Frequency Dependence of the Anomalous Peak in Forward Capacitance-Voltage Characteristics of Schottky Diodes**
TÜRÜT A., SAĞLAM M., BATI B., KÖKCE A.
Turkish Journal of Physics, vol.19, pp.0-611, 1995 (Other Refereed National Journals)
- IX. **The Calculation of Martensite Habit Plane by using Elastic Strain Energy.**
KÖKCE A., Doğan A., Ceylan M.
NML Technical Journal, 33 (1-2). pp. 3-8, vol.33, pp.3-8, 1991 (Refereed Journals of Other Institutions)
- X. **Low Temperature X-Ray Diffraction Topography Study on Hematite (*-Fe₂O₃) Single Crystal**
KÖKCE A., Doğan A.
Ondokuz Mayıs Univ. Fen Dergisi, 3, 44., vol.3, no.1, pp.44-47, 1991 (National Refreed University Journal)
- XI. **The Calculation of Stacking Fault Energies of Commercial Stainless Steel,**
Doğan A., KÖKCE A.
The Journal of Fırat Univ., vol.4, pp.1-8, 1989 (National Refreed University Journal)
- XII. **Magnetic Domains in Hematite Fe₂O₃ Single Crystal**
KÖKCE A.
TURKISH JOURNAL OF PHYSICS, vol.13, pp.251-256, 1989 (Other Refereed National Journals)
- XIII. **X-Ray Topography Studies of Dislocations in InSb Single Crystal,**
KÖKCE A., Ceylan M.
The Journal of Fırat Univ., 2(1), 85-92., vol.2, pp.85-92, 1987 (National Refreed University Journal)

- XIV. **A Model For Martensite Nucleation in Some Fe-Base Alloys**
Doğan A., KÖKCE A., Durlu T. N.
Communications, Fac. Sci. Univ. Ank., Serie A2,, vol.A2, pp.13-29, 1983 (National Refreed University Journal)
- XV. **A Model For Martensite Growth in Fe-Ni Alloys, Communications, Fac. Sci. Univ. Ank., Serie A2, 32, 31-46.**
KÖKCE A., Doğan A., Durlu T. N.
Communications, Fac. Sci. Univ. Ank, vol.Serie A2,, pp.31-46, 1983 (National Refreed University Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Frequency Dependent Electrical Properties of YB/P-Si Schottky Diodes**
LAPA H. E. , OZDEMİR A. F. , KÖKCE A.
Türk Fizik Derneği 34. Uluslararası Fizik Kongresi, 5-9 Eylül 2018, Bodrum/Türkiye, Muğla, Turkey, 5 - 09 September 2018, vol.1, no.1, pp.281
- II. **INVESTIGATION OF ELECTRICAL CHARACTERISTICS OF Yb/p-Si SCHOTTKY DIODES**
Lapa H. E. , ÖZDEMİR A. F. , KÖKCE A., UCAR N.
2nd International Congress on Semiconductor Materials&Devices (ICSMD-Ardahan), 28-30 Aug. 2018 Ardaha, Ardahan, Turkey, 5 - 09 September 2018, vol.1, pp.163
- III. **The current-voltage and capacitance-voltage characteristics of Gd/p-Si Schottky diodes**
ALDEMİR D. A. , ÖZDEMİR A. F. , KÖKCE A.
Turkish Physical Society 33rd International Physics Congress, Bodrum/TURKEY, Muğla, Turkey, 6 - 10 September 2017, vol.1, no.1, pp.348
- IV. **The current-voltage and capacitance-voltage characteristics of Gd/p-Si Schottky diodes, Turkish Physical Society 33rd International Physics Congress, Bodrum/TURKEY, September 6-10 2017, Abstract Book p. 348.**
ALDEMİR D. A. , ÖZDEMİR A. F. , KÖKCE A.
Turkish Physical Society 33rd International Physics Congress, 6 - 10 September 2017, pp.348
- V. **A Comparative Study on Electrical Characteristics of Au/n-SiC structure, with and Without Zn-Doped PVA Interfacial Layer at Room Temperature**
ALDAHROB M. H. A. , KÖKCE A., ALTINDAL Ş., Lapa H. E.
ICNN 2016 : 18th International Conference on Nanoscience and Nanotechnology, Toronto, Canada, 13 - 14 June 2016, vol.10, no.6, pp.1238
- VI. **A compare study on dielectric properties, electric conductivity and electrical modulus of Au/n-SiC structures with three different thickness interfacial (Zn-doped PVA) layers as function of thickness and frequency at room temperature, 2 nd**
LAPA H. E. , Al-Dahrob M. H. , KÖKCE A., ÖZDEMİR A. F. , Uslu İ., ALTINDAL Ş.
2 nd International Conference on Organic Electronic Material Technologies (OEMT2016), Çanakkale, Turkey, 17 - 19 May 2016, vol.1, no.1
- VII. **On the dielectric relaxation, electric modulus and ac electrical conductivity using impedance spectroscopy method in Au Zn PVA n SiC MPS organic structures**
Lapa H. E. , ALDAHROB M. H. A. , KÖKCE A., ÖZDEMİR A. F. , Uslu İ., ALTINDAL Ş.
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- VIII. **The Investigation of Electrical Characteristics in the Au/n-4H-SiC Structures with Different Thickness of Zn-Doped PVA Interlayer in the Wide Frequency Range**
Lapa H. E. , KÖKCE A., Orak İ., Altındal Ş.
IPCAP2016 International Physics Conference At the Anatolian Peak, Erzurum, Turkey, 25 - 27 February 2016, pp.215
- IX. **Interfacial Layer Thickness Effect On the Performance of Au/Zn-Doped PVA/n-4H-SiC (MPS) Structures At Room Temperature**

Lapa H. E. , KÖKCE A., Orak İ., Altındal Ş.

IPCAP2016 International Physics Conference At the Anatolian Peak,, Erzurum, Turkey, 25 - 27 February 2016, pp.214

- X. **On the dielectric relaxation, electric modulus and ac electrical conductivity using impedance spectroscopy method in Au Zn PVA n SiC MPS organic structures**
Lapa H. E. , ALDAHROB M. H. A. , KÖKCE A., ÖZDEMİR A. F. , Uslu İ., ALTINDAL Ş.
2 nd International Conference on Organic Electronic MaterialTechnologies (OEMT2016), Çanakkale, Turkey, 17 May 2015 - 19 May 2017, vol.1, no.1, pp.154
- XI. **The Effects of Illumination on Capacitance-Voltage Characteristics of Au/Conducting Polymer (P3DMTFT)/n-GaAs Schottky Diodes**
LAPA H. E. , KÖKCE A., ALDEMİR D. A. , ALTINDAL Ş., ÖZDEMİR A. F.
ADIM FİZİK GÜNLERİ III, Süleyman Demirel Üniversitesi, Fen-Edebiyat Fakültesi Fizik Bölümü, Isparta, Turkey, 17 - 18 April 2014, vol.1, no.1, pp.162
- XII. **Investigation of Capacitance-Voltage Characteristics of Au/Conductive Ploymer (P3DMTFT)/n-GaAs Schottky Diode**
Kansız Y., KÖKCE A., ALDEMİR D. A. , ALTINDAL Ş., ÖZDEMİR A. F.
ADIM FİZİK GÜNLERİ III, Süleyman Demirel Üniversitesi, Fen-Edebiyat Fakültesi Fizik Bölümü, Isparta, Turkey, 17 - 18 April 2014, vol.1, no.1, pp.172
- XIII. **D. A. Aldemir, A. Kökce, A. F. Özdemir, Investigation of current-voltage-temperature characteristics in Al/p-SiSchottky diode with the polythiophene SiO₂ nanocomposite interfacial layer**
ALDEMİR D. A. , KÖKCE A., ÖZDEMİR A. F.
International Semiconductor Science and Technology Conference, Istanbul, Turkey, January 13-15 2014, ISSTC-2014, İstanbul, Turkey, 13 - 14 January 2014, pp.98
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