

Assoc. Prof. Barış KINACI

Personal Information

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Education Information

Doctorate, Gazi Üniversitesi, Fen Bilimleri Enstitüsü, Katıhal , Turkey 2009 - 2013

Post Graduate, Gazi Üniversitesi, Fen Bilimleri Enstitüsü, Katıhal , Turkey 2006 - 2009

Under Graduate, Gazi Üniversitesi, Fen Fakültesi , Fizik Bölüm, Turkey 2002 - 2006

Foreign Languages

English, B1 Intermediate

Certificates, Courses and Trainings

IT, International Conference on Information Security and Cryptology, Bilgi Güvenliği Derneği, 2013

Education Management and Planning, International Student Workshop on Condensed Matter and Materials Physisc, 2011, Çukurova Üniversitesi, 2011

IT, Siber Güvenlik Çalıştayı, Bilgi Güvenliği Derneği, 2011

Education Management and Planning, Effective Presentation Techniques, School of Leadership, 2011

Other, LightTools Software Training, LIGHT TEC, 2011

Education Management and Planning, International Spring School and Educational Courses, İnönü Üniversitesi, 2010

Education Management and Planning, International Student Workshop on Condensed Matter and Materials Physisc, Çukurova Üniversitesi, 2009

Education Management and Planning, Fotonik Malzemeler ve Aygıtlar Lisansüstü Yaz Okulu, Sivas Cumhuriyet Üniversitesi, 2008

Dissertations

Doctorate, III?V Grubu Güneş Hücre Yapılarının Epitaksiyel Büyütülmesi ve Karakterizasyonu, Gazi University, Fen Bilimleri Enstitüsü, Fizik, 2013

Post Graduate, InxGa1-XAs / GaAs Çoklu Kuantum Kuyu Yapısının MBE Tekniği İle Büyütülmesi: Yapısal, Optik ve Elektriksel Özelliklerinin İncelenmesi, Gazi University, Fen Bilimleri Enstitüsü, Fizik, 2009

Research Areas

Physics, Condensed Matter 1: Structural, Mechanical and Thermal Properties, Surfaces, Interfaces, Thin Films and Nanosystems, Intensive Article 2: Electronic Structure, Electric, Magnetic and Optical Properties, Optical Properties, Spectroscopy of Matter, Natural Sciences

Academic Titles / Tasks

Associate Professor, Istanbul University, Faculty of Science, Department of Physics, 2018 - Continues

Assistant Professor, Istanbul University, Faculty of Science, Department of Physics, 2018 - 2018

Assistant Professor, Istanbul University, Faculty of Science, Department of Physics, 2014 - 2018

Professional Experience

Mevlana Exchange Program Coordinator, İstanbul Üniversitesi, Faculty of Science, 2019 - 2020
Erasmus Coordinator, İstanbul Üniversitesi, Faculty of Science, 2019 - 2020
Farabi Coordinator, İstanbul Üniversitesi, Faculty of Science, 2019 - 2020
Vice Dean, İstanbul Üniversitesi, Faculty of Science, 2018 - 2020
Deputy Head of Department, İstanbul Üniversitesi, Faculty of Science, Department of Physics, 2017 - 2018

Courses

YENİLENEBİLİR ENERJİ SİSTEMLERİNİN VERİMLİLİĞİ VE POLİTİKALARI, Doctorate, 2019 - 2020
KİŞİSEL PROJE I, Under Graduate, 2019 - 2020
KRİSTAL BÜYÜTME TEKNİKLERİ, Post Graduate, 2019 - 2020
FOTOVOLTAİKLERİN TEMELLERİ, Post Graduate, 2019 - 2020
YENİLENEBİLİR ENERJİ KAYNAKLARI VE UYGULAMALARI, Under Graduate, 2019 - 2020
İleri Fizik Uygulamaları I, Under Graduate, 2017 - 2018, 2018 - 2019
Fizik, Under Graduate, 2018 - 2019
Seminer, Post Graduate, 2017 - 2018
İleri Fizik Uygulamaları II, Under Graduate, 2017 - 2018
Fizik I, Under Graduate, 2018 - 2019
BİLGİSAYAR-II, Under Graduate, 2016 - 2017
SEMİNER, Post Graduate, 2016 - 2017
İŞ SAĞLIĞI VE GÜVENLİĞİ, Under Graduate, 2016 - 2017
FİZİK, Under Graduate, 2016 - 2017
FİZİK, Under Graduate, 2016 - 2017
Bilgisayar-II, Under Graduate, 2013 - 2014, 2014 - 2015
Bilgisayar-II, Under Graduate, 2013 - 2014, 2014 - 2015
Genel Fizik , Under Graduate, 2014 - 2015, 2015 - 2016
Genel Fizik , Under Graduate, 2015 - 2016

Advising Theses

Kınacı B., GaInNAs nipi GÜNEŞ HÜCRE YAPISININ TASARIMI VE KARAKTERİZASYONU, Post Graduate,
F.HUSEYİNZADE(Student), 2019

Jury Memberships

Post Graduate, Jüri Üyeliği, İstanbul Üniversitesi, Fen Bilimleri Enstitüsü, Fizik ABD., December, 2018
Doctorate, Yansıtıcı ve Yansımaya Önleyici Optik İnce Film Malzemelerin Üretimi Analiz ve Test Süreçleri, Gazi Üniversitesi /
Fen Bilimleri Enstitüsü, June, 2016
Post Graduate, Seyreltik Azotlu p-n Eklem Yapıların MBE Tekniği ile Büyütülmesi ve Karakterizasyonları, Gazi Üniversitesi
/ Fen Bilimleri Enstitüsü, June, 2016

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

- **A comprehensive study on Cu-doped ZnO (CZO) interlayered MOS structure**
Cokduygulular E., ÇETİNKAYA Ç., Yalcin Y., KINACI B.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.31, pp.13646-13656, 2020 (Journal Indexed in SCI)
- **Negative capacitance phenomena in Au/SrTiO₃/p-Si heterojunction structure**
Kınacı B., Çetinkaya Ç., Cokduygulular E., Efker H. I. , Sonmez N. A. , Ozcelik S.

JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, 2020 (Journal Indexed in SCI)

- **Characterization of a GaAs/GaAsBi pin solar cell**

Muhammetgulyyev A., Erbas Ö. G. , Kinaci B., Donmez Ö., Celebi Y. G. , Erol A.

SEMICONDUCTOR SCIENCE AND TECHNOLOGY, vol.34, 2019 (Journal Indexed in SCI)

- **V-groove etched 1-eV-GalnNAs nipi solar cell**

Muhammetgulyyev A., Kinaci B., Aho A., Yalcin Y., Cetinkaya Ç., Kuruoglu F., Guina M., Erol A.

APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING, vol.125, 2019 (Journal Indexed in SCI)

- **The effects of annealing temperature on RF-coated GZO thin films on n-Si and PET substrates**

SÖNMEZ N. A. , Donmez M., Comert B., ASAR T., Kinaci B., ÖZÇELİK S.

JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.34, pp.1757-1763, 2019 (Journal Indexed in SCI)

- **Influence of RF power on the opto-electrical and structural properties of gallium-doped zinc oxide thin films**

Akin N., Kinaci B., Ozen Y., Ozcelik S.

JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.28, pp.7376-7384, 2017 (Journal Indexed in SCI)

- **AZO thin film-based UV sensors: effects of RF power on the films**

Akin N., Baskose U. C. , Kinaci B., Cakmak M., Ozcelik S.

APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING, vol.119, pp.965-970, 2015 (Journal Indexed in SCI)

- **Performance evaluation of a GaInP/GaAs solar cell structure with the integration of AlGaAs tunnel junction**

ÖZEN Y., Akin N., Kinaci B., ÖZÇELİK S.

SOLAR ENERGY MATERIALS AND SOLAR CELLS, vol.137, pp.1-5, 2015 (Journal Indexed in SCI)

- **The study on characterizations of SrTiO₃ thin films with different growth temperatures**

Kinaci B., Akin N., Durukan I. K. , Memmedli T., Ozcelik S.

SUPERLATTICES AND MICROSTRUCTURES, vol.76, pp.234-243, 2014 (Journal Indexed in SCI)

- **Microstructural defect properties of InGaN/GaN blue light emitting diode structures**

BAŞ Y., Demirel P., AKIN N., Baskose C., ÖZEN Y., Kinaci B., Ozturk M. K. , ÖZÇELİK S., Ozbay E.

JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.25, pp.3924-3932, 2014 (Journal Indexed in SCI)

- **Preparation of RF sputtered AZO/Au thin film hydrogen peroxide sensitive electrode for utilization as a biosensor**

Durukan I. K. , Caliskan S., Cete S., Cevrimli B. S. , Kinaci B., Ozen Y., Corekci S., Ozturk M. K. , Memmedli T., Ozcelik S.

JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.25, pp.3154-3159, 2014 (Journal Indexed in SCI)

- **Study on growth and characterizations of GaIn_{1-x}P/GaAs solar cell structure**

KINACI B., ÖZEN Y., ASAR T., ÇETİN S. Ş. , MEMMEDLİ T., KASAP M., ÖZÇELİK S.

JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.24, pp.3269-3274, 2013 (Journal Indexed in SCI)

- **Analysis of the Temperature Dependence of the Capacitance-Voltage and Conductance-Voltage Characteristics of Au/TiO₂(rutile)/n-Si Structures**

Kinaci B., Ozcelik S.

JOURNAL OF ELECTRONIC MATERIALS, vol.42, pp.1108-1113, 2013 (Journal Indexed in SCI)

- **Effect of alloy composition on structural, optical and morphological properties and electrical characteristics of GaIn_{1-x}P/GaAs structure**

KINACI B., ÖZEN Y., KIZILKAYA K., ASAR T., ÇETİN S. Ş. , BOYALI E., ÖZTÜRK M. K. , MEMMEDLİ T., ÖZÇELİK S.

JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.24, pp.1375-1381, 2013 (Journal Indexed in SCI)

- **Electrical characterization of Au/ZnO/TiO₂/n-Si and (Ni/Au)/ZnO/TiO₂/n-Si Schottky diodes by using current-voltage measurements**

Kinaci B., Asar T., Cetin S. S. , Ozen Y., Kizilkaya K.

JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, vol.14, pp.959-963, 2012 (Journal Indexed in SCI)

- **The temperature dependent analysis of Au/TiO₂ (rutile)/n-Si (MIS) SBDs using current-voltage-temperature (I-V-T) characteristics**
Kinaci B., Cetin S. S. , Bengi A., Ozcelik S.
MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING, vol.15, pp.531-535, 2012 (Journal Indexed in SCI)
- **Current-voltage (I-V) characteristics of Au/InGaAs/n-GaAs Schottky barrier diodes**
Kinaci B., Corekci S., Kizilkaya K., Ozcelik S.
OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS, vol.6, pp.327-330, 2012 (Journal Indexed in SCI)
- **The structural and optical properties of InGaAs/GaAs MQW**
KINACI B., BENGI A., MAMMADOV T., ÖZÇELİK S.
JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, vol.13, pp.505-508, 2011 (Journal Indexed in SCI)
- **Analysis of the forward and reverse bias I-V characteristics on Au/PVA: Zn/n-Si Schottky barrier diodes in the wide temperature range**
Tascioglu I., Aydemir U., Altindal S., Kinaci B., Ozcelik S.
JOURNAL OF APPLIED PHYSICS, vol.109, 2011 (Journal Indexed in SCI)
- **The analysis of Au/TiO₂/n-Si Schottky barrier diode at high temperatures using I-V characteristics**
Kinaci B., Asar T., Ozen Y., Ozcelik S.
OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS, vol.5, pp.434-437, 2011 (Journal Indexed in SCI)
- **Influence of thermal annealing on the structure and optical properties of d.c. magnetron sputtered titanium dioxide thin films**
Kars I., Cetin S. S. , Kinaci B., Sarikavak B., Bengi A., Altuntas H., Ozturk M. K. , Ozcelik S.
SURFACE AND INTERFACE ANALYSIS, vol.42, pp.1247-1251, 2010 (Journal Indexed in SCI)
- **Effect of different P/As ratio on the optical and structural properties of GaAs_{1-x}P_x/GaAs**
Cetin S. S. , Kinaci B., Asar T., Kars I., Ozturk M. K. , Mammadov T. S. , Ozcelik S.
SURFACE AND INTERFACE ANALYSIS, vol.42, pp.1252-1256, 2010 (Journal Indexed in SCI)

Articles Published in Other Journals

- **Effect on the Electrical Characterizations of Temperature and Frequency Depending on Series Resistance and Interface States in MS Structure**
Kinaci B.
JOURNAL OF POLYTECHNIC-POLITEKNIK DERGISI, vol.20, pp.313-318, 2017 (Journal Indexed in ESCI)
- **InGaAsP/InP Yapısının Yapısal, Morfolojik ve Elektriksel Karakterizasyonları**
KINACI B.
Gazi Üniversitesi Fen Bilimleri Dergisi Part:C, vol.4, pp.159-163, 2016 (National Refreed University Journal)
- **Characterization of MBE Grown InGaAs/GaAs Quantum Well Solar Cells (QWSCs)**
ASAR T., KINACI B., AYDEMİR U., MAMMADOV T., ÖZÇELİK S.
Azerbaijan Journal of Physics, vol.16, pp.460-462, 2010 (Refereed Journals of Other Institutions)
- **Temperature Dependence Electrical Characteristics of n⁺GaAs Structure Grown by MBE**
KINACI B., ASAR T., ÖZEN Y., ALTINDAL Ş., MAMMADOV T., ÖZÇELİK S.
Azerbaijan Journal of Physics, vol.16, pp.335-338, 2010 (Refereed Journals of Other Institutions)
- **Series resistance effect on I²V characteristics of Au/n⁺InP Schottky barrier diodes (SBDs) in the temperature range of 80-400 K**
Korucu D., ASAR T., KINACI B., AYDEMİR U., MAMMADOV T., ÖZÇELİK S.
Journal Fizika, vol.15, pp.195-198, 2009 (Refereed Journals of Other Institutions)
- **Epitaxial Growth and Characterization of GaAs_{1-x}P_x/GaAs Structures**
KINACI B., ASAR T., ÇETİN S. Ş. , MAMMADOV T., ÖZÇELİK S.
Balkan Physics Letter, vol.15, pp.151049, 2009 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- **A Comparison Of Characteristics of Heterojunction pin Solar Cells Based On Dilute Bismide And Dilute Nitride Alloys**
Muhammedgulyev A., SARCAN F., Göksel Ö., KINACI B., DÖNMEZ Ö., ÇELEBİ Y. G. , EROL A.
International Conference On Condensed Matter And Materials science, Adana, Turkey, 11 - 15 Ekim 2017, pp.25
- **DESIGN OF HIGH EFFICIENCY GAINP/GAAS SOLAR CELL USING DRIFT–DIFFUSION THEORY**
Kinacı B., Muhammetgulyyev A., Özen Y., Sönmez N. A. , Özçelik S.
TURKISH PHYSICAL SOCIETY 33RD INTERNATIONAL PHYSICS CONGRESS, Muğla, Turkey, 6 - 10 Eylül 2017, pp.597
- **Characterization Of Heterojunction pin solar Cells Based On Dilute Bismide And Dilute Nitride**
Muhammedgulyev A., SARCAN F., KINACI B., DÖNMEZ Ö., EROL A.
8th International Workshop on Bismuth-Containing Semiconductors, Marburg, Germany, 23 Temmuz 2017 - 26 Temmuz 2016, pp.97
- **The Effects of Concentrated System on the Electrical Parameters of GaInP/GaAs Solar Cell**
Kinaci B.
32nd International Physics Congress of Turkish-Physical-Society (TPS), Bodrum, Turkey, 6 - 09 September 2016, vol.1815
- **CHARACTERIZATION OF HETERO-STRUCTURE SINGLE PIN JUNCTION SOLAR CELL BASED ON III-N-V AND III-Bİ-V ALLOYS**
Muhammetgulyyev A., KINACI B., DÖNMEZ Ö., EROL A.
SOLARTR 2016, İstanbul, Turkey, 6 - 08 Aralık 2016, pp.212
- **Deposition of Boron-Doped Graphene for CdTe Solar Cell Applications**
Sürücü G., Bayraklı Ö., ÖZEN Y., KINACI B.
2th International Congress on the World of Technology and Advanced Materials, Kırşehir, Turkey, 28 September - 02 October 2016, pp.40
- **The Influence of Concentrated System on the Efficiency of GaInP/GaAs/Ge Concentrated Solar Cell**
KINACI B.
2th International Congress on the World of Technology and Advanced Materials, Kırşehir, Turkey, 28 September - 02 October 2016, pp.39
- **The Effects of Concentrated System on The Electrical Parameters Of GaInP/GaAs Solar Cell**
KINACI B.
Turkish Physical Society 32th International Physics Congress, Muğla, Turkey, 6 - 09 September 2016, pp.99
- **The Efficiency Analysis of GaInP/GaAs/Ge Concentrated Solar Cell**
KINACI B., ÖZEN Y., AKIN N., ÖZÇELİK S.
Turkish Physical Society 32th International Physics Congress, Muğla, Turkey, 6 - 09 September 2016, pp.323
- **Reaktif Büyütülen Mg_{0.40}Zn_{0.60} İnce Filmlerin Karakterizasyonları**
AKIN N., Akçay N., ÖZEN Y., KINACI B., Sürücü G., ÖZÇELİK S.
21. Yoğun Madde Fiziği Ankara Toplantısı (YMF-21), Ankara, Turkey, 25 December 2015, pp.120
- **Yoğunlaştırılmış Üç Eklemlerli Güneş Hücre Yapısının Elektriksel Analizi**
ÖZEN Y., AKIN N., KINACI B., ÖZÇELİK S.
21. Yoğun Madde Fiziği Ankara Toplantısı (YMF-21), Ankara, Turkey, 25 December 2015, pp.98
- **Konsantre Sistem İle Entegre Edilen CdTe Bazlı İnce Film Güneş Hücre Yapısının Verimlilik Analizi**
KINACI B., Sürücü G., Yavuz T., ÖZEN Y., AKIN N., AYDEMİR U., ÇÖREKÇİ S., ÖZÇELİK S.
17. Ulusal Optik, Elektro-Optik ve Fotonik Çalıştayı (FOTONİK 2015), Ankara, Turkey, 18 September 2015, pp.39
- **Performance evaluation of CdTe/CdS solar cell structure with concentrated photovoltaic system**
KINACI B., ÖZEN Y., AKIN N., Sürücü G., AYDEMİR U., ÖZÇELİK S.
9th International Physics Conference of the Balkan Physical Union – BPU9, İstanbul, Turkey, 24 - 27 August 2015, pp.434
- **Study on efficiency of CdTe/CdS concentrated solar cell**
KINACI B., Özen Y., Akın N., Sürücü G.

11th Nanoscience and Nanotechnology Conference, Ankara, Turkey, 22 - 25 June 2015, pp.34

- **The lattice dynamical and electronic properties of PrYbO₃ compound from first principles calculations**
Kaderoğlu Ç., Sürücü G., KINACI B.
11th Nanoscience and Nanotechnology Conference, Ankara, Turkey, 22 - 25 June 2015, pp.28
- **The study on characterization of sputtered-GZO thin films with different RF power**
Akin N., Cömert B., Dönmez M., ÖZEN Y., BOYALIE., KINACI B., ÖZÇELİK S.
11th Nanoscience and Nanotechnology Conference, Ankara, Turkey, 22 - 25 June 2015, pp.15
- **AlGaAs tünel diyot entegrasyonlu GaInP/GaAs güneş hücre yapısının performansı üzerine çalışma**
ÖZEN Y., AKIN N., Sertel T., Korkmaz B., ÇETİN S. Ş. , ASAR T., KINACI B., ÖZÇELİK S.
20. Yoğun Madde Fiziği Kongresi, Ankara, Turkey, 26 December 2014, pp.37
- **CdTe-BASED CONCENTRATED SOLAR CELL STRUCTURE**
KINACI B.
Turkish Physical Society 31thInternational Physical Congress, Muğla, Turkey, 21 - 24 July 2014, pp.101
- **Study on the designs of concentrator for CPV systems**
ÖZEN Y., KINACI B., ASAR T., ÇETİN S. Ş. , ÖZÇELİK S.
Turkish Physical Society 30thInternational Physical Congress, İstanbul, Turkey, 2 - 05 September 2013, pp.542
- **The structural, morphological and electrical characterizations of GaIn_{1-x}P/GaAs/Ge triple junction solar cell structure**
KINACI B., ÖZEN Y., KIZILKAYA K., AKIN N., ASAR T., KURTULUŞ G., ÇETİN S. Ş. , MEMMEDLİ T., ÖZÇELİK S.
Turkish Physical Society 30thInternational Physical Congress, İstanbul, Turkey, 2 - 05 September 2013, pp.524
- **Structural and optical properties of double junction InGaP/GaAs solar cell**
ÇETİN S. Ş. , KINACI B., ÖZEN Y., BOSİ M., ASAR T., KASAP M., MEMMEDLİ T., ÖZÇELİK S.
Turkish Physical Society 30thInternational Physical Congress, İstanbul, Turkey, 2 - 05 September 2013, pp.539
- **The electrical properties of the TiO₂ Ar coated InGaAs/GaAs SLSCs**
EFKERE H. İ. , KIZILKAYA K., ASAR T., ÖZEN Y., KINACI B., YILDIRIM S., ÖZÇELİK S.
Turkish Physical Society 30thInternational Physical Congress, İstanbul, Turkey, 2 - 05 September 2013, pp.428
- **Dislocation densities' comparison of the graded and ungraded InGaN solar cell structures**
ÖZEN Y., ŞENGÜLLÜ S., KIZILKAYA K., KINACI B., EFKERE H. İ. , ÖZTÜRK M. K. , ÇAKMAK H., ÖZÇELİK S., ÖZBAYE.
Nano?TR9, Erzurum, Turkey, 24 - 28 June 2013, pp.172
- **The structural and morphological characterizations of GaAs/Ge structure**
KINACI B., AKIN N., KIZILKAYA K., ÖZEN Y., ASAR T., ÇETİN S. Ş. , MEMMEDLİ T., KASAP M., ÖZÇELİK S.
Nano?TR9, Erzurum, Turkey, 24 - 28 June 2013, pp.177
- **Effects of substrate temperature on the structural and optical properties of aluminum?doped zinc oxide thin films prepared by RF magnetron sputtering**
AKIN N., KINACI B., ÖZEN Y., BAŞKÖSE Ü. C. , ÇETİN S. Ş. , MEMMEDLİ T., ÇAKMAK M., ÖZÇELİK S.
Nano?TR9, Erzurum, Turkey, 24 - 28 June 2013, pp.176
- **Optical and Structural Properties of GaIn_{1-x}P Alloys Grown on Different Substrates**
ÇETİN S. Ş. , ASAR T., KINACI B., ÖZEN Y., MEMMEDLİ T., ÖZÇELİK S.
SOLARTR-2, Antalya, Turkey, 7 - 09 November 2012, pp.105
- **Investigation of the Photovoltaic Properties of InGaP/GaAs/Ge Solar Cells**
ASAR T., KINACI B., ÖZEN Y., KIZILKAYA K., ÇETİN S. Ş. , MEMMEDLİ T., ÖZÇELİK S.
SOLARTR-2, Antalya, Turkey, 7 - 09 November 2012, pp.106
- **SiN₄ AR Coating Effect to the InGaAs/GaAs QWSCs**
ASAR T., KIZILKAYA K., KINACI B., ÖZEN Y., ÖZÇELİK S.
Turkish Physical Society 29thInternational Physical Congress, Muğla, Turkey, 5 - 08 September 2012, pp.496
- **The structural and optical properties of GaInP/GaAs structure**
KINACI B., ÖZEN Y., ÇETİN S. Ş. , MEMMEDLİ T., ÖZÇELİK S.
International Student Workshop on Condensed Matter and Materials Physics, Antalya, Turkey, 27 - 31 December 2011, pp.15
- **The forward bias current-voltage characteristics of (Ni/Au)/ZnO/TiO₂/n-Si Schottky diodes**
ÖZEN Y., KINACI B., ASAR T., KIZILKAYA K., ÖZÇELİK S.
International Student Workshop on Condensed Matter and Materials Physics, Antalya, Turkey, 27 - 31 December

2011, pp.61

- **ZnO/p-Si Güneş Hücrelerinin Fabrikasyonu**

ASAR T., KINACI B., KIZILKAYA K., ÖZEN Y., MEMMEDLİ T., ÖZÇELİK S.

18. Yoğun Madde Fiziği Kongresi, Ankara, Turkey, 25 November 2011, pp.77

- **MBE tekniği ile büyütülen Ga_xIn_{1-x}P/GaAs yapılarının kritik nokta enerjilerinin spektroskopik elipsometre ile incelenmesi**

ÇETİN S. Ş. , KINACI B., PIŞKİN E., EFKERE H. İ. , MEMMEDLİ T., ÖZÇELİK S.

18. Yoğun Madde Fiziği Kongresi, Ankara, Turkey, 25 November 2011, pp.72

- **Structural and Morphological characteristics of MBE grown InGaAs**

KINACI B., ÇÖREKÇİ S., ÖZTÜRK M. K. , ÖZÇELİK S.

Turkish Physical Society 28th International Physical Congress, Muğla, Turkey, 6 - 09 September 2011, pp.760

- **“ Current-voltage (I-V) characteristics of Au/ZnO/TiO₂/n-Si structure at room temperature**

KINACI B., ASAR T., ÖZEN Y., ÇETİN S. Ş. , MAMMADOV T., ÖZÇELİK S.

Turkish Physical Society 28th International Physical Congress, Muğla, Turkey, 6 - 09 September 2011, pp.759

- **Influence of Ar/O₂ ratio on the structural and optical properties of DC magnetron sputtered TiO₂ thin films**

ÖZEN Y., KINACI B., ÇETİN S. Ş. , DURMUŞ P., ÖZÇELİK S.

Turkish Physical Society 27th International Physical Congress, İstanbul, Turkey, 14 - 17 October 2010, pp.678

- **InGaAs/GaAs multi quantum well structure: MBE growth and characterization**

KINACI B., ASAR T., ÖZEN Y., ÇETİN S. Ş. , MAMMADOV T., ÖZÇELİK S.

Turkish Physical Society 27th International Physical Congress, İstanbul, Turkey, 14 - 17 October 2010, pp.658

- **The investigation of low temperature luminescence properties of GaAsP structures**

ÇETİN S. Ş. , ÖZÇELİK S., KINACI B., MAMMADOV T.

Turkish Physical Society 27th International Physical Congress, İstanbul, Turkey, 14 - 17 October 2010, pp.613

- **Investigation of the Photovoltaic Properties of p-n Junction Ge Obtained by Arsenic Diffusion**

ASAR T., KINACI B., KIZILKAYA K., MAMMADOV T., ÖZÇELİK S.

Turkish Physical Society 27th International Physical Congress, İstanbul, Turkey, 14 - 17 October 2010, pp.515

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