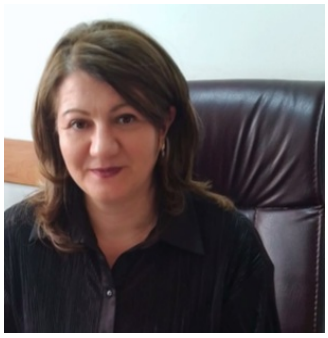
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Education Information

Doctorate, Marmara University, Faculty Of Arts And Sciences, Physics, Turkey 2000 - 2007
Postgraduate, Sivas Cumhuriyet University, Fen Fakültesi, Fizik Bölümü, Turkey 1998 - 2000
Undergraduate, Sivas Cumhuriyet University, Fen Fakültesi, Fizik Bölümü, Turkey 1991 - 1995

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Vocational Training, Mikro Raman ve PL Spektrometre Sistemi Eğitimi, Sivas Cumhuriyet Üni, 2018
Vocational Course, Yoğun Madde çalıştayı, Feza Gürsoy Ent, 2004

Dissertations

Doctorate, Düşük boyutlu sistemlerin elektronik özellik-leri: dış manyetik alan etkisinde Ga1-xAlxAs/GaAs silindirik kuantum telinde hidrojenik safsızlık-lar ve eksitonların bağlanma enerjileri, Marmara Üniversitesi, Fen-Edebiyat Fakültesi, Fizik Bölümü, 2007
Postgraduate, Homojen Eğik Manyetik Alan Altında Simetrik ve Asimetrik Çift Kuyu Sistemlerinin Elektronik Yapısı, Sivas Cumhuriyet Üniversitesi, Fen Fakültesi, Fizik Bölümü, 2000

Research Areas

Optics and Photonics, Electrical and Magnetic Properties, Material Characterization, Differential Equations, Special Functions, Physics, Intensive Article 2: Electronic Structure, Electric, Magnetic and Optical Properties, Electronic structure of bulk material, Electrical properties of electronic structures, interfaces, thin films and low-dimensional structures, Optical Properties, Spectroscopy of Matter, Natural Sciences

Academic Titles / Tasks

Professor, Sivas Cumhuriyet University, Fen Fakültesi, Fizik Bölümü, 2018 - Continues
Associate Professor, Sivas Cumhuriyet University, Fen Fakültesi, Fizik Bölümü, 2013 - 2018
Assistant Professor, Sivas Cumhuriyet University, Fen Fakültesi, Fizik Bölümü, 2011 - 2013
Research Assistant, Marmara University, Faculty Of Arts And Sciences, Physics, 2000 - 2007
Research Assistant, Sivas Cumhuriyet University, Fen Fakültesi, Fizik Bölümü, 1995 - 1999

Academic and Administrative Experience

Head of Department, Sivas Cumhuriyet University, Fen Fakültesi, Fizik Bölümü, 2021 - Continues
Fakülte Yönetim Kurulu Üyesi, Sivas Cumhuriyet University, Mimarlık, Güzel Sanatlar ve Tasarım Fakültesi, Mimarlık, Güzel Sanatlar ve Tasarım Fakültesi, 2019 - Continues
Mevlana Exchange Program Institutional Coordinator, Sivas Cumhuriyet University, Fen Fakültesi, Fizik Bölümü, 2017 - Continues
Head of Department, Sivas Cumhuriyet University, Fen Fakültesi, Fizik Bölümü, 2019 - 2023
Manager of Research and Application Center, Sivas Cumhuriyet University, Fen Fakültesi, Fizik Bölümü, 2018 - 2021
Assistant Manager of Research and Application Center, Sivas Cumhuriyet University, Fen Fakültesi, Fizik Bölümü, 2015 - 2017

Courses

İleri Elektromanyetik Teori , Doctorate, 2021 - 2022
EMT, Undergraduate, 2021 - 2022
Kuantum Fiziği II, Undergraduate, 2022 - 2023
İleri Kuantum Mekaniği de Özel Konular 1, Doctorate, 2021 - 2022
Genel Fizik 2, Undergraduate, 2019 - 2020
Yarıiletken Yapıların Elektronik ve Optoelektronik Özellikleri, Doctorate, 2019 - 2020
Fizik - I, Undergraduate, 2019 - 2020
Fizik - II, Undergraduate, 2018 - 2019
Genel Fiz 1, Undergraduate, 2019 - 2020
Elektromanyetik Teori ve Optik, Postgraduate, 2019 - 2020
Genel Fizik II, Undergraduate, 2018 - 2019
Kuantum Fiziği I, Undergraduate, 2019 - 2020
Genel Fizik I, Undergraduate, 2019 - 2020
Yarıiletken Aygıt ve Cihaz Karakterizasyonu, Postgraduate, 2018 - 2019
Fizik - II, Undergraduate, 2018 - 2019
Genel Fizik II, Undergraduate, 2018 - 2019
Seminer Dersi, Postgraduate, 2018 - 2019
Kuantum Fiziği I, Undergraduate, 2018 - 2019
Fizik - I, Undergraduate, 2018 - 2019
Genel Fizik I, Undergraduate, 2016 - 2017
Genel Fizik II, Undergraduate, 2015 - 2016

Genel Fizik II, Undergraduate, 2015 - 2016
Fizik II, Undergraduate, 2014 - 2015
Genel Fizik - II, Undergraduate, 2014 - 2015
Genel Fizik I, Undergraduate, 2015 - 2016
Fizik I (Mekanik), Undergraduate, 2015 - 2016
Genel Fizik I, Undergraduate, 2014 - 2015
Fizik I, Undergraduate, 2014 - 2015
Genel Fizik - I, Undergraduate, 2014 - 2015
Fizik I (Mekanik), Undergraduate, 2014 - 2015
Genel Fizik, Undergraduate, 2014 - 2015
Temel Fizik, Associate Degree, 2012 - 2013
Fizik Ve Geometrik Optik - II, Associate Degree, 2011 - 2012
Genel Fizik, Undergraduate, 2011 - 2012
Fizik II, Undergraduate, 2010 - 2011
Fizik II, Undergraduate, 2010 - 2011
Fizik II (Mekanik II), Undergraduate, 2010 - 2011
Fizik II (Mekanik II), Undergraduate, 2010 - 2011
Optoelektronik, Undergraduate, 2009 - 2010
Fizik IV, Undergraduate, 2007 - 2008

Advising Theses

BAŞER P., GaN / InxGa1-xN silindirik kuantum telinde verici safsızlık enerji düzeyleri, Postgraduate, N.BARAZ(Student), 2012

Jury Memberships

Associate Professor Exam, Associate Professor Exam, Sivas Cumhuriyet University, June, 2022
Associate Professor Exam, Associate Professor Exam, Sivas Cumhuriyet University, August, 2021
Post Graduate, Post Graduate, Sivas Cumhuriyet Üniversitesi, February, 2021
Associate Professor Exam, Associate Professor Exam, Sivas Cumhuriyet University, May, 2020
Associate Professor Exam, Associate Professor Exam, Marmara Üniversitesi, September, 2019

Designed Lessons

Başer P., İleri Elektromanyetik Teori, Doctorate, 2021 - 2022

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Third-order nonlinear optical susceptibility of hydrogenic impurity in Ge/Si0.15Ge0.85 spherical core/shell quantum dots under electric field**
Hammouda K., Yahyaoui N., Zeiri N., Ed-Dahmouny A., BAŞER P., Sali A., Said M., Murshed M. N.
Solid State Communications, vol.383, 2024 (SCI-Expanded)
II. **Tuning of binding energy, polarizability and photoionization cross-section of a hydrogenic impurity in CdTe/ZnTe core-shell nanostructure by the electric field and capped matrix**
Hértilli S., Yahyaoui N., Zeiri N., Başer P., Said M., Saadaoui S.
PHYSICS LETTERS A, vol.485, pp.129081-129089, 2023 (SCI-Expanded)
III. **Combined effects of thermodynamic factors and external fields for nonlinear optical processes of**

deformed Mathieu quantum dot containing central impurity
BAHAR M. K., BAŞER P.
Physics Letters, Section A: General, Atomic and Solid State Physics, vol.483, 2023 (SCI-Expanded)

IV. **The second, third harmonic generations and nonlinear optical rectification of the Mathieu quantum dot with the external electric, magnetic and laser field**
BAHAR M. K., BAŞER P.
Physica B: Condensed Matter, vol.665, 2023 (SCI-Expanded)

V. **Nonlinear optical specifications of the Mathieu quantum dot with screw dislocation**
BAHAR M. K., BAŞER P.
European Physical Journal Plus, vol.138, no.8, 2023 (SCI-Expanded)

VI. **Photoionization cross-section and polarizability of impurity in CdS/ZnS core/shell quantum dots capped in a dielectric matrix**
Zeiri N., Cherni A., Yahyaoui N., BAŞER P., Said M., Saadaoui S.
Solid State Communications, vol.368, 2023 (SCI-Expanded)

VII. **Influence of the Size and Dielectric Environments on the Optical Properties in CdS/ZnS Core–Shell Quantum Dot**
Yahayaoui N., Zeiri N., BAŞER P., Said M., Saadaoui S.
Plasmonics, vol.18, no.4, pp.1489-1498, 2023 (SCI-Expanded)

VIII. **Effect of dielectric mismatch on impurity binding energy, photoionization cross-section and stark shift of CdS/ZnSe core shell spherical quantum dots**
Cherni A., Yahyaoui N., Zeiri N., BAŞER P., Said M., Saadaoui S.
Physica Scripta, vol.98, no.8, 2023 (SCI-Expanded)

IX. **Nonlinear optical characteristics of thermodynamic effects- and electric field-triggered Mathieu quantum dot**
BAHAR M. K., BAŞER P.
MICRO AND NANOSTRUCTURES, vol.170, 2022 (SCI-Expanded)

X. **Tuning of nonlinear optical characteristics of Mathieu quantum dot by laser and electric field**
BAHAR M. K., Baser P.
EUROPEAN PHYSICAL JOURNAL PLUS, vol.137, no.10, 2022 (SCI-Expanded)

XI. **Evaluation of the external electric- and magnetic field-driven Mathieu quantum dot's optical observables**
BAŞER P., BAHAR M. K.
PHYSICA B-CONDENSED MATTER, vol.639, 2022 (SCI-Expanded)

XII. **Organo-soluble dendritic zinc phthalocyanine: photoluminescence and fluorescence properties**
YABAŞ E., Kolemen S., Bicer E., Almammadov T., BAŞER P., Kul M.
INORGANIC AND NANO-METAL CHEMISTRY, 2022 (SCI-Expanded)

XIII. **The hydrostatic pressure and temperature effects on hydrogenic impurity binding energies in lattice matched InP/In0.53Ga0.47As/InP square quantum well**
Baser P., Elagoz S.
SUPERLATTICES AND MICROSTRUCTURES, vol.102, pp.173-179, 2017 (SCI-Expanded)

XIV. **The hydrostatic pressure and temperature effects on hydrogenic impurity binding energies in GaAs/InxGa1-xAs/GaAs square quantum well**
Baser P., Altuntas İ., Elagoz S.
SUPERLATTICES AND MICROSTRUCTURES, vol.92, pp.210-216, 2016 (SCI-Expanded)

XV. **The hydrostatic pressure and temperature effects on the binding energy of magnetoexcitons in cylindrical quantum well wires**
Baser P., Karki H. D., Demir İ., Elagoz S.
SUPERLATTICES AND MICROSTRUCTURES, vol.63, pp.100-109, 2013 (SCI-Expanded)

XVI. **Hydrogenic impurity states in zinc-blende InxGa 1-xN/GaN in cylindrical quantum well wires under hydrostatic pressure**
Baser P., Elagoz S., Baraz N.

Physica E: Low-Dimensional Systems and Nanostructures, vol.44, no.2, pp.356-360, 2011 (SCI-Expanded)

XVII. **The high hydrostatic pressure effect on shallow donor binding energies in GaAs(Ga, Al)As cylindrical quantum well wires at selected temperatures**
Karki H. D., Elagoz S., Baser P.
Physica B: Condensed Matter, vol.406, no.11, pp.2116-2120, 2011 (SCI-Expanded)

XVIII. **Hydrogenic impurity states in zinc-blende InxGa1-xN/GaN in cylindrical quantum well wires**
Baser P., Elagoz S., Kartal D., Karki H. D.
SUPERLATTICES AND MICROSTRUCTURES, vol.49, no.5, pp.497-503, 2011 (SCI-Expanded)

XIX. **Simultaneous effects of hydrostatic pressure and temperature on the binding energy of hydrogenic impurity in cylindrical quantum well wires**
Karki H. D., Elagoz S., Baser P.
Superlattices and Microstructures, vol.48, no.3, pp.298-304, 2010 (SCI-Expanded)

XX. **The effects of pressure and barrier height on donor binding energy in GaAs/Ga1-xAlxAs cylindrical quantum well wires**
Baser P., Elagoz S., Kartal D.
PHYSICA B-CONDENSED MATTER, vol.405, no.16, pp.3239-3242, 2010 (SCI-Expanded)

XXI. **The effect of dielectric constant mismatch on the binding energy of hydrogenic impurities in cylindrical quantum wires**
Karki H. D., Elagoz S., Amca R., Baser P., Atasever K.
PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES, vol.42, no.5, pp.1351-1355, 2010 (SCI-Expanded)

XXII. **The magnetoexciton binding energy dependency on aluminium concentration in cylindrical quantum wires**
Elagoz S., Karki H. D., Baser P., Sokmen I.
Superlattices and Microstructures, vol.45, no.6, pp.506-513, 2009 (SCI-Expanded)

XXIII. **The magnetic field dependency of hydrogenic impurity binding energy under inverse lateral parabolic potential**
Elagoz S., Başer P., Yahşi U.
Physica B: Condensed Matter, vol.403, pp.3879-3882, 2008 (SCI-Expanded)

XXIV. **Barrier height effect on binding energies of shallow hydrogenic impurities in coaxial GaAs/AlxGa1-xAs quantum well wires under a uniform magnetic field**
Karki H. D., Elagoz S., Baser P., Amca R., Sokmen I.
SUPERLATTICES AND MICROSTRUCTURES, vol.41, no.4, pp.227-236, 2007 (SCI-Expanded)

Articles Published in Other Journals

I. **Electric field effect on the intersubband optical absorption of GeSn quantum wells with parabolically graded barriers**
Yahyaoui N., Başer P., Said M., Saadaoui S.
Micro and Nanostructures, vol.184, 2023 (Scopus)

II. **Effect of pressure, temperature, and magnetic field on the binding energy of the electron-hole system in III-V group semiconductors**
BAŞER P.
CUMHURIYET SCIENCE JOURNAL, vol.42, no.2, pp.403-412, 2021 (Peer-Reviewed Journal)

III. **Pressure and temperature effects on magnetoelectric band energies in GaAs / InxGa1-xAs cylindrical quantum wires**
Başer P.
Cumhuriyet Science Journal, vol.41, no.3, pp.699-705, 2020 (Peer-Reviewed Journal)

IV. **Photoluminescence Properties of Tetra- and Octa-Substituted Double Decker Lu(III) Phthalocyanines**
YABAŞ E., BAŞER P., KUL M.
Journal of Materials and Electronic Devices, vol.2, no.1, pp.13-16, 2020 (Peer-Reviewed Journal)

V. **Pressure and temperature effects on magnetoelectric band energies in GaAs / InxGa1-xAs cylindrical quantum wires / Sayfalar : 699-705PDF**
BAŞER P.
CUMHURIYET SCIENCE JOURNAL, vol.41, no.3, pp.1-7, 2020 (Peer-Reviewed Journal)

VI. **In concentration dependence of shallow impurity binding energy under the hydrostatic pressure**
BAŞER P., ALTUNTAŞ İ., ELAGÖZ S.
Marmara Üni fen bilimleri dergisi, vol.23, no.4, pp.171-180, 2011 (Peer-Reviewed Journal)

VII. **In Concentration Dependence of Shallow Impurity Binding Enegry Under The Hydrostatic Pressure**
BAŞER P., ALTUNTAŞ İ., ELAGÖZ S.
Marmara Üniversitesi Fen Bilimleri Dergisi, vol.23, no.4, pp.171-180, 2011 (Peer-Reviewed Journal)

VIII. **Çift parabolik kuşatma altında kuantum sistemi elektronik enerji düzeyleri**
ELAGÖZ S., USLU O., BAŞER P.
Marmara Üni fen bilimleri dergisi, vol.20, pp.1-12, 2008 (Peer-Reviewed Journal)

IX. **Electronic Enegy Spectrum in a DQWS Within a Tilted Magnetic Field**
Elagöz S., Sökmen İ., Ergün Y., Başer P.
Tr.J.of Physics, vol.23, pp.1-5, 1999 (Peer-Reviewed Journal)

Books & Book Chapters

I. **New generation Chemical materials**
YABAŞ E., BAŞER P., KUL M.
in: Current Studies at Possitive Sciences, DR. MEHRİBAN EMEK,DR. E. İLHAN ŞAHİN, Editor, IKSAD, Ankara, pp.113-132, 2020

Refereed Congress / Symposium Publications in Proceedings

I. **EFFECT OF HYDROSTATIC PRESSURE, TEMPERATURE AND POTENTIAL ON GROUND-STATE ENERGY IN A ONE-DIMENSIONAL CYLINDRICAL QUANTUM WIRE**
AKALAR E., BAŞER P.
2. INTERNATIONAL CANKAYA SCIENTIFIC STUDIES CONGRESS, Ankara, Turkey, 28 September 2023

II. **TERMODİNAMİK DEĞİŞKENLER VE YAPI PARAMETRELERİNİN InxGa1-xAs/GaAs KUANTUM KUYUSUNDA TABAN DURUM ELEKTRONİK ENERJİSİNE ETKİSİ**
Solak Y., BAŞER P.
2.INTERNATIONAL TRAKYA SCIENTIFIC RESEARCH CONGRESS 12-13 AUGUST 2023 EDİRNE, Edirne, Turkey, 12 - 13 August 2023

III. **MATHİEU KUANTUM NOKTASINDAKİ SAFSIZLIK BAĞLANMA ENERJİSİNİN ELEKTRİK ALAN VE HİDROSTATİK BASINÇLA DEĞİŞİMİ**
BAHAR M. K., BAŞER P.
7 TH INTERNATIONAL CONGRESS ON INNOVATIVE SCIENTIFIC APPROACHES held on May 19-20, 2022 / Samsun, Turkey, Samsun, Turkey, 18 May 2022

IV. **New Generation Chemical Material and Properties for Photovoltaic and Optical Applications**
YABAŞ E., BAŞER P., KUL M.
ISPEC 8. kongresi, Ankara, Turkey, 13 - 14 June 2020

V. **Dependence of Electronic Energy on External Parameters in Cylindrical Quantum Wires**
BAŞER P.
8. Ulıuslararası ISPEC Mühendislik ve Fen Bilimleri Kongresi, Ankara, Turkey, 12 - 14 June 2020

VI. **Photoluminescence Properties of Tetra- and Octa-Substituted Double Decker Lu(III) Phthalocyanines**
YABAŞ E., BAŞER P., KUL M.
6th International Conference on Materials Science and Nanotechnology for Next Generation, 16 - 18 October 2019

VII. **Dendritic Phthalocyanines for Optoelectronic Applications**
YABAŞ E., BAŞER P., KUL M.
6th Internatıonal Conference on Materials Science and Nanotechnology for Next Generation, 16 - 18 October 2019

VIII. **Synthesis of Thiadiazole Tetrasubstituted Zinc Phthalocyanine Compound and Investigation of the Potential Use in Organic Solar Cells**
YABAŞ E., ÖZER A., KUL M., BAŞER P.
CIEA'2018, Sivas, Turkey, 20 - 22 September 2018, pp.32

IX. **THE EXTERNAL PARAMETERS DEPENDENCY of ELECTRONIC ENERGY LATTICE MATCHED InP/ In0.53Ga0.47As QUANTUM WELLS**
BAŞER P., ELAGÖZ S.
CIEA' 2018International Conference on Innovative Engineering ApplicationsSeptember 20-22, 2018 Sivas, Turkey, Sivas, Turkey, 20 - 22 September 2018

X. **The effects of hydrostatics pressure and temperature on ground state electronic energy level in GaAs/InxGa1-xAs/GaAs SQW**
BAŞER P., ELAGÖZ S.
Turkish Physics Socieaty 33rd International Physcis Congress, Bodrum, Turkey, 6 - 10 September 2017

XI. **HYDROGENİC IMPURİTY GROUND STATE İN GaAS GAInAs Single Quantum Well Structures**
BAŞER P., ALTUNTAŞ İ., ELAGÖZ S.
9th Internationla Physics Conference Of The Balkan Physical Union-BPU9, 24-27 aUGUST 2015, 24 - 27 August 2015

XII. **Hydrgenic Impurity Dround Srare in GaAs GaInAs Single Quantum Well Structures**
BAŞER P., ALTUNTAŞ İ., ELAGÖZ S.
9th International Physics Conference of The Balkan Physical Union-BPU9, 24 - 27 August 2015

XIII. **AlxGa1-x As/GaAs SİLİNDİRİK KUANTUM TELİNDE EKSİTONBAĞLANMA ENERJİSİNİN DIŞ MANYETİK ALANA, HİDROSTATİKBASINCA, SICAKLIĞA VE TEL YARIÇAPINA BAĞLI OLARAKHESAPLANMASI**
BAŞER P., ELAGÖZ S., BARAZ N.
TÜRK FİZİK DERNEĞİ / TURKISH PHYSICAL SOCIETY30. ULUSLARARASI FİZİK KONGRESİ /30th INTERNATIONAL PHYSICS CONGRESS2-5 Eylül 2013 / 2-5 September 2013İSTANBUL - TÜRKİYE / İSTANBUL - TURKEY, 2 - 05 September 2013

XIV. **Çinko Sülfür yapıdaki Gan / GaInn Kuantum Telindeki Hidrojenik safsızlık Taban Durum bağlanma Enerjisinin Sıcaklığa Ve Hidrostatik Basınca Bağlılığı**
BARAZ N., BAŞER P., KARTAL D., ELAGÖZ S.
urkish Physics Socieaty 28rd International Physcis Congress, 6 - 09 September 2011

XV. **GaAs/GaAlAs Silindirik Kuantum Telindeki safsızlık Bağlanma Enerjisinin Hidrostatik basınç ve manyetik Alana Bağlı Değişimi**
BAŞER P., ELAGÖZ S.
urkish Physical Socieaty 28rd International Physcis Congress, 06 September 2011

XVI. **Sığ safsızlık Bağlanma Enerjisinin Hidrostatik Basınç Altında In Konsantrasyonuna Bağlılığı**
BAŞER P., ALTUNTAŞ İ., BARAZ N., ELAGÖZ S.
urkish Physics Socieaty 28rd International Physcis Congress, 6 - 09 September 2011

XVII. **Çinko Sülfür Yapıdaki GaN/GaInN Kuantum Telinde Hidrojenik Safsızlık Düzeyleri**
ELAGÖZ S., BAŞER P., KARTAL D.
urkish Physics Socieaty 27rd International Physcis Congress İstanbul, 04 September 2010

XVIII. **GaAs/GaAlAs Silindirik Kuantum Telinde ki Hidrojenik Safsızlık Bağlanma Enerjisinin Hidrostatik Basınca Bağlılığı**
BAŞER P., ELAGÖZ S.
urkish Physics Socieaty 26rd International Physcis Congress, 02 September 2009

XIX. **The Comparison of Hydrogenic Impurity Binding Energy Dependency to External Magnetic Field for Opposing Lateral Paraboloids**
Özbakır R., Başer P., Kutlu S., Elagöz S.
urkish Physics Society 25rd International Physcis Congress, Muğla, Turkey, 25 - 29 August 2008, pp.143

XX. **AlGaAs/GaAs Hetero Yapısı İle Oluşturulan Silindirik kuantum telinde Eksitonik bağlanma Enerjisinin Dış Manyetik Alan Altında Kare kuyu Potansiyel parametrelerine ve Tel Yarıçapına Bağlı Olarak Hesaplanması**
KARKI H. D., BAŞER P., ELAGÖZ S.
urkish Physics Socieaty 24rd International Physcis Congress, 28 - 30 August 2007

XXI. **The Magnetic field Dependency of Hidrogenic Impurity Binding Energy in Cyrindical Quantum Wires Under Inverse parabolic Confinement**
ELAGÖZ S., BAŞER P., YAHŞİ U.
urkish Physics Socieaty 24rd International Physcis Congress, 28 August 2007

XXII. **Silindirik Kuantum Telindeki Hidrojenik Safsızlık Bağlanma Enerjisinin Potansiyel parametrelerine ve Dış Manyetik Alana Bağlılığının Varyasyon Tekniği İle Hesaplanması**
KARKI H. D., ELAGÖZ S., BAŞER P., ALPER BİLLUR C., SÖKMEN İ.
Türk Fizik Derneği 22. Fizik Kongresi, 14 - 17 September 2004

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urkish Physics Socieaty 22rd International Physcis Congress, 14 - 17 September 2004

XXIV. **Dış Manyetik Alan Etkisinde Çift Kuyudan Oluşan Kuantum Sistemi**
ELAGÖZ S., SÖKMEN İ., ERGÜN Y., KARKI H. D., BAŞER P.
urkish Physics Socieaty 18rd Physcis Conference, 25 - 28 October 1999

XXV. **Elşectronic Energy Spectrum in a DQWS Within a Tilted Magnetic Field**
ELAGÖZ S., ERGÜN Y., BAŞER P., SÖKMEN İ.
V. İnternational Research Workshop, 1 - 11 September 1998

Supported Projects

Başer P., Project Supported by Higher Education Institutions, Karbon katkılı p-tipi GaAs'ın Fotolüminesans Özellikleri'nin Konsantrasyona ve Sıcaklığa Bağlı Değişiminin İncelenmesi, 2019 - 2021

Demir İ., Altuntaş İ., Gür E., Şenadım Tüzemen E., BAŞER P., SARİ H., TUBITAK Project, Yüksek Güç-Frekans Uygulamaları İçin MOCVD ile Epitaksiyel AlN Kristalinin Büyütülmesi, Katkılanması, Karakterizasyonu ve Aygıt Üretimi, 2019 - 2021

Başer P., TUBITAK Project, Vcsel Tabanlı Yüksek Güçlü Yarıiletken Lazerler, 2017 - 2021

Sari H., Elagöz S., Şenadım Tüzemen E., Başer P., TUBITAK Project, Akıllı Ekranlarda Arka Aydınlatma İçin Yüksek Verimli LED'xxlerin Tasarım, Üretim ve Karakterizasyonu, 2016 - 2019

Başer P., Elagöz S., TUBITAK Project, Akıllı Ekranlarda Arka Aydınlatma İçin Yüksek Verimli LED'lerin Tasarım, Üretim ve Karakterizasyonu, 2016 - 2019

Başer P., Project Supported by Higher Education Institutions, InP/ In0.53Ga0.47As ÖRGÜ UYUMLU KUANTUM KUYULARINDA ELEKTRONİK ENRJİNİN DIŞ PARAMETRELERE BAĞLI DEĞİŞİMİ, 2017 - 2018

Ungan F., Başer P., Köksal M., Sari H., Kasapoğlu E., TUBITAK Project, Cumhuriyet Üniversitesi Ar-Ge Strateji Belgesi (Optik, Elektro Optik ve Fotonik Teknolojileri), 2016 - 2018

DEMİR İ., BAŞER P., TUBITAK Project, LED Çip Prototipi Geliştirilmesi, 2015 - 2018

Başer P., Project Supported by Higher Education Institutions, GaAs Ga1 xInxAs KUANTUM KUYULARINDA SAFSIZLIK BAĞLANMA ENERJİSİNİN BASINÇ VE In KONSANTRASYONU NA BAĞLI DEĞİŞİMİ, 2016 - 2017

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BAŞER P., Project Supported by Other Official Institutions, GaN InxGa1 xN Kuantum Telinde Verici Safsızlık Enerji Düzeyleri, 2011 - 2012

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Başer P., Yahşi U., Project Supported by Other Official Institutions, Düşük Boyutlu Sistemlerin Elektronik Özellikleri, 2005

- 2007
Başer P., Elagöz S., TUBITAK Project, Elektrik Alan Altında Çift Engelli Kuantum Çukuru ve Rezonans Tünellemesi, 1993 - 1995

Scientific Refereeing

PHYSICA B-CONDENSED MATTER, Journal Indexed in SCI-E, March 2022
PHYSICA B-CONDENSED MATTER, Journal Indexed in SCI-E, March 2022
PHYSICA B-CONDENSED MATTER, Journal Indexed in SCI-E, September 2021
Project Supported by Other Official Institutions, Bursa Uludağ University, Turkey, July 2021
SUPERLATTICES AND MICROSTRUCTURES, SCI Journal, June 2021
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Cumhuriyet Science Journal, National Scientific Refreed Journal, April 2021
International journal of advances in engineering and pure sciences (Online), National Scientific Refreed Journal, October 2020
PHYSICA B-CONDENSED MATTER, SCI Journal, October 2020
SUPERLATTICES AND MICROSTRUCTURES, SCI Journal, June 2020
Project Supported by Other Official Institutions, Cankiri Karatekin University, Turkey, May 2020
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Metrics

Publication: 61
Citation (WoS): 144
Citation (Scopus): 202
H-Index (WoS): 8
H-Index (Scopus): 8

Congress and Symposium Activities

2. INTERNATIONAL CANKAYA SCIENTIFIC STUDIES CONGRESS, Session Moderator, Ankara, Turkey, 2023
2. INTERNATIONAL CANKAYA SCIENTIFIC STUDIES CONGRESS, Attendee, Ankara, Turkey, 2023
2.INTERNATIONAL TRAKYA SCIENTIFIC RESEARCH CONGRESS 12-13 AUGUST 2023 EDİRNE, Attendee, Edirne, Turkey, 2023
7 TH INTERNATIONAL CONGRESS ON INNOVATIVE SCIENTIFIC APPROACHES held on May 19-20, 2022 / Samsun, Turkey, Attendee, Samsun, Turkey, 2022
8. Ulıuslararası ISPEC Mühendislik ve Fen Bilimleri Kongresi, Invited Speaker, Ankara, Turkey, 2020
8. Ulıuslararası ISPEC Mühendislik ve Fen Bilimleri Kongresi, Session Moderator, Ankara, Turkey, 2020

Scholarships

Fizik Bölümü Öğrenci Bursu, Foundation, 1992 - 1995
Başarılı öğrenci bursu, University, 1992 - 1995

Awards

Başer P., Yoğun Madde Fiziği Çalıştayı, Feza Gürsey Enst. , August 2003

Başer P., Fen Fak. Fizik Bölümü Bölüm Birinciliği, Sivas Cumhuriyet Üniversitesi , June 1995

Başer P., Elektrik Alan Altında Çift Engelli Kuantum Çukuru ve Rezonans Tünellemesi, Tübitak, February 1993

Non Academic Experience

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