

Prof. SÜLEYMAN ÇABUK

Personal Information

Office Phone: [+90 322 338 6661](tel:+903223386661) Extension: 2480

Office Phone: [+90 322 338 6661](tel:+903223386661) Extension: 2477

Fax Phone: [+90 322 338 6070](tel:+903223386070)

Email: scabuk@cu.edu.tr

Web: <https://avesis.cu.edu.tr//scabuk>

Address: Çukurova Üniversitesi Fen-Edebiyat Fakültesi Fizik Bölümü 01330 Balcalı Sarıcam/ADANA

International Researcher IDs

ORCID: 0000-0003-4737-1776

Yoksis Researcher ID: 103085

Education Information

Doctorate, Cukurova University, Fen Bilimleri, Fizik, Turkey 1992 - 1996

Postgraduate, Cukurova University, Fen Bilimleri, Fizik, Turkey 1998 - 1992

Undergraduate, Cukurova University, Fen-Edebiyat Fakültesi, Fizik, Turkey 1984 - 1988

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Bazı Ferroelektrik Kristallerin Optik ve Fotoelektret Özelliklerinin İncelenmesi, Cukurova University, Fen Bilimleri Enstitüsü, Fizik, 1996

Postgraduate, İnce Film SnO₂ /Cu₂O Güneş Pilleri, Cukurova University, Fen Bilimleri Enstitüsü, Fizik, 1992

Research Areas

Physics, Condensed Matter 1: Structural, Mechanical and Thermal Properties, Intensive Article 2: Electronic Structure, Electric, Magnetic and Optical Properties, Natural Sciences

Academic Titles / Tasks

Professor, Cukurova University, Fen-Edebiyat Fakültesi, Fizik, 2015 - Continues

Associate Professor, Cukurova University, Fen-Edebiyat Fakültesi, Fizik, 2010 - 2015

Assistant Professor, Cukurova University, Fen-Edebiyat Fakültesi, Fizik, 1997 - 2010

Research Assistant PhD, Cukurova University, Fen-Edebiyat Fakültesi, Fizik, 1996 - 1997

Research Assistant, Cukurova University, Fen-Edebiyat Fakültesi, Fizik, 1989 - 1996

Academic and Administrative Experience

Cukurova University, İmamoğlu Myo, Elektrik Ve Enerji Bölümü, 2016 - 2017

Cukurova University, İmamoğlu Myo, 2014 - 2017

Cukurova University, Fizik, 2010 - 2013

Courses

Fizik I, Undergraduate, 2021 - 2022

Advising Theses

ÇABUK S., LiTaO₃ Kristalinin Yapısal, Elektronik ve Dinamik Özelliklerinin Ab İnitio Yöntemiyle İncelenmesi, Postgraduate, F.Toksoy(Student), 2019

ÇABUK S., SnS, SnSe ve GeS Bileşiklerinin Lineer ve Lineer Olmayan Optik Özelliklerinin İncelenmesi, Postgraduate, İ.ÖĞÜZHAN(Student), 2017

ÇABUK S., SbXI (X=S, Se,Te) BİLEŞİKLERİNİN YAPISAL, DİNAMİK VE TERMODİNAMİK ÖZELLİKLERİNİN Ab İNİTİO YÖNTEMİYLE İNCELENMESİ, Doctorate, T.Özer(Student), 2016

ÇABUK S., BiXO₃(X=Al, Co, Cr, Sc, Y) Bileşiklerinin Yapısal, Elektronik, Dinamik ve Termodinamik Özelliklerinin Ab İnitio Yöntemiyle İncelenmesi, Doctorate, U.Köroğlu(Student), 2013

ÇABUK S., ABO₃ (A=Ag, Na; B=Nb, Ta) Tipi Kristallerin Dinamik Özelliklerinin Ab İnitio Yöntemiyle İncelenmesi, Doctorate, Ş.Şimşek(Student), 2012

ÇABUK S., MnS Bileşiğinin yapısal, Elektronik ve Dinamik Özelliklerinin Ab ? İnitio Yöntemiyle İncelenmesi, Postgraduate, O.Kavcı(Student), 2012

ÇABUK S., SrTiO₃ ve SrZrO₃ Kristallerinin Elektronik Band Yapısı ve Optik Özelliklerinin İncelenmesi, Postgraduate, G.Çelik(Student), 2010

ÇABUK S., NaTaO₃ Kristalinin Elektronik ve Lineer Optik Özelliklerinin İncelenmesi, Postgraduate, E.Ece(Student), 2009

ÇABUK S., AgNbO₃ ve AgTaO₃ Kristallerinin Elektronik Band Yapısı ve Optik Özelliklerinin İncelenmesi, Postgraduate, Ş.Şimşek(Student), 2008

ÇABUK S., Ferroelektrik Ortamlarda Dipol Etkileşimlerinin Faz Dönüşümüne Etkisi, Postgraduate, Ö.Yavuz(Student), 2004

Jury Memberships

Appointment to Academic Staff-Assistant Professorship, Prof. Atama, Aksaray Üniversitesi, September, 2015

Appointment to Academic Staff-Assistant Professorship, Prof. Atanma , Harran Üniversitesi, August, 2015

Appointment to Academic Staff-Assistant Professorship, Yrd. Doç. Atama, Adana Bilim ve Teknoloji Üniversitesi, April, 2013

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **<p>Structure and electronic properties of LnScO(3) compounds: A GGA plus U calculation</p>**
Gecit F. H., ÇABUK S.
COMPUTATIONAL MATERIALS SCIENCE, vol.208, 2022 (SCI-Expanded)
- II. **Magnetic, electronic and mechanical properties of SeXO₃ (X = Mn, Ni) with the LSDA plus U framework**
ÇABUK S.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.850, 2021 (SCI-Expanded)
- III. **Mechanical, electronic and optical properties of SeZnO₃: a GGA+U study**
ÇABUK S.
PHILOSOPHICAL MAGAZINE, vol.100, no.5, pp.601-618, 2019 (SCI-Expanded)

- IV. **Investigation of structural and mechanical properties of rutile SnO₂**
Ozer T., ÇABUK S.
MATERIALS RESEARCH EXPRESS, vol.6, no.8, 2019 (SCI-Expanded)
- V. **The influence of nitrogen pressure on formation of niobium nitride by thermal processing**
Farha A. H., Ozkendir O. M., Elsayed-Ali H. E., ÇABUK S., UFUKTEPE Y.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.746, pp.370-376, 2018 (SCI-Expanded)
- VI. **First-principles study of the structural, elastic and electronic properties of SbX₃ (X=S, Se, Te) crystals**
Özer T., ÇABUK S.
JOURNAL OF MOLECULAR MODELING, vol.24, no.3, 2018 (SCI-Expanded)
- VII. **DFT - based study of electronic structures and mechanical properties of LiTaO₃ : ferroelectric and paraelectric phases**
Toksoy F., ÇABUK S.
PHILOSOPHICAL MAGAZINE, vol.97, no.28, pp.2469-2483, 2017 (SCI-Expanded)
- VIII. **Ab initio study of the linear and nonlinear optical responses in BiAlO₃**
ÇABUK S.
PHILOSOPHICAL MAGAZINE, vol.96, no.2, pp.190-207, 2016 (SCI-Expanded)
- IX. **Physical and electronic properties of electrodeposited ZnO thin films: dependence on thickness**
Kırcı N., Ozkendir O. M., Farha A. H., Kırmızıgül F., TÜKEN T., GÜMÜŞ C., ÇABUK S., ERBİL M., UFUKTEPE Y.
INDIAN JOURNAL OF PHYSICS, vol.89, no.10, pp.1013-1023, 2015 (SCI-Expanded)
- X. **First-principles study of structural stability, elastic and dynamical properties of MnS**
Kavcı O., ÇABUK S.
COMPUTATIONAL MATERIALS SCIENCE, vol.95, pp.99-105, 2014 (SCI-Expanded)
- XI. **First-principles study of structural, elastic, electronic and vibrational properties of BiCoO₃**
Köroğlu U., ÇABUK S., Deligoz E.
SOLID STATE SCIENCES, vol.34, pp.1-7, 2014 (SCI-Expanded)
- XII. **Structural, electronic, elastic and vibrational properties of BiAlO₃: A first principles study**
Köroğlu U., ÇABUK S., Deligoz E.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.574, pp.520-525, 2013 (SCI-Expanded)
- XIII. **First-principles study of electronic structure and optical properties of Sr(Ti,Zr)O₃**
Celik G., ÇABUK S.
CENTRAL EUROPEAN JOURNAL OF PHYSICS, vol.11, no.3, pp.387-393, 2013 (SCI-Expanded)
- XIV. **The nonlinear optical susceptibility and electro-optic tensor of ferroelectrics: first-principle study**
Cabuk S.
CENTRAL EUROPEAN JOURNAL OF PHYSICS, vol.10, no.1, pp.239-252, 2012 (SCI-Expanded)
- XV. **FIRST-PRINCIPLES STUDY OF THE ELECTRONIC, LINEAR, AND NONLINEAR OPTICAL PROPERTIES OF Li(Nb, Ta)O₃**
Cabuk S.
INTERNATIONAL JOURNAL OF MODERN PHYSICS B, vol.24, no.32, pp.6277-6290, 2010 (SCI-Expanded)
- XVI. **First-principles calculation of the linear and nonlinear optical properties of LiTaO₃**
ÇABUK S., Şimşek S.
PHYSICA SCRIPTA, vol.81, no.5, 2010 (SCI-Expanded)
- XVII. **Ab initio study of the structural, electronic and optical properties of NaTaO₃**
Eyi E. E., ÇABUK S.
PHILOSOPHICAL MAGAZINE, vol.90, no.21, pp.2965-2976, 2010 (SCI-Expanded)
- XVIII. **Ab initio volume-dependent elastic and lattice dynamics properties of KTaO₃**
Cabuk S.
PHYSICA STATUS SOLIDI B-BASIC SOLID STATE PHYSICS, vol.247, no.1, pp.93-97, 2010 (SCI-Expanded)
- XIX. **Non-linear optical susceptibilities and electro-optic tensor of some ferroelectrics: first principle study**
Cabuk S.

- JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, vol.11, no.3, pp.280-288, 2009 (SCI-Expanded)
- XX. **First-principles studies of the electronic structure and optical properties of AgBO₃ (B=Nb,Ta) in the paraelectric phase**
ÇABUK S., Şimşek S.
CENTRAL EUROPEAN JOURNAL OF PHYSICS, vol.6, no.3, pp.730-736, 2008 (SCI-Expanded)
- XXI. **Electronic and optical properties of KTaO₃: Ab initio calculation**
Cabuk S., Akkuş H., Mamedov A. M.
PHYSICA B-CONDENSED MATTER, vol.394, no.1, pp.81-85, 2007 (SCI-Expanded)
- XXII. **Electronic structure and optical properties of KNbO₃: First principles study**
Cabuk S.
OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS, vol.1, no.3, pp.100-107, 2007 (SCI-Expanded)
- XXIII. **Argand diagram and oscillation description of electron state in ferroelastic crystals**
Cabuk S., Mamedov A. M.
FERROELECTRICS, vol.307, pp.19-23, 2004 (SCI-Expanded)
- XXIV. **Electret states in some electrooptical materials**
Cabuk S., Mamedov A. M.
FERROELECTRICS, vol.296, pp.117-125, 2003 (SCI-Expanded)
- XXV. **Urbach rule and optical properties of the LiNbO₃ and LiTaO₃**
Cabuk S., Mamedov A. M.
JOURNAL OF OPTICS A-PURE AND APPLIED OPTICS, vol.1, no.3, pp.424-427, 1999 (SCI-Expanded)
- XXVI. **The energy loss spectroscopy of ABO(3) ferroelectrics**
Mamedov A. M., Güngör S., Cabuk S.
JOURNAL OF ELECTRON SPECTROSCOPY AND RELATED PHENOMENA, vol.79, pp.75-78, 1996 (SCI-Expanded)

Articles Published in Other Journals

- I. **Ab initio study of the lattice dynamical and thermodynamic properties of SbXI (X = S, Se, Te) compounds**
özer T., Cabuk S.
COMPUTATIONAL CONDENSED MATTER, vol.16, 2018 (ESCI)
- II. **Ti₃Al Yapısal ve Elastik Özelliklerinin Teorik Araştırılması**
Özer T., Karataşlı M., ÇABUK S.
gazi journal of engineering science, vol.4, no.1, pp.46-49, 2018 (Peer-Reviewed Journal)
- III. **A Theoretical Study on Structural and Elastic Properties of Ti₃Al**
ÖZER T., KARATAŞLI M., ÇABUK S.
Gazi Journal of Engineering Sciences, vol.4, no.1, pp.46-49, 2018 (Peer-Reviewed Journal)
- IV. **Investigation of Mechanical Properties of SnO₂ Crystals in CaCl₂ Type Structure**
ÖZER T., ÇABUK S., KARATAŞLI M.
Afyon Kocatepe University Journal of Sciences and Engineering, vol.17, no.2, pp.399-405, 2017 (Peer-Reviewed Journal)
- V. **CaCl₂ Fazda SnO₂ Kristalinin Mekanik Özelliklerinin Araştırılması**
ÖZER T., ÇABUK S., karataşlı M.
AKU J. Sci.Eng., 2017 (Peer-Reviewed Journal)
- VI. **Afyon Kocatepe University Journal of Sciences and Engineering**
Özer T., ÇABUK S., Karataşlı M.
aku j. sci. eng., vol.17, pp.399-405, 2017 (Peer-Reviewed Journal)
- VII. **Basınç altında alfa-PbO₂ fazındaki SnO₂'nin yapısal ve mekanik özelliklerinin araştırılması**
Özer T., Karataşlı M., ÇABUK S.
Sakarya University Journal Of Science, vol.21, pp.411-419, 2017 (Peer-Reviewed Journal)

- VIII. **Basınç altında α -PbO₂ fazındaki SnO₂'nin yapısal ve dinamik özelliklerinin araştırılması**
ÖZER T., Karataşlı M., ÇABUK S.
Sakarya University Journal of Science, vol.21, no.3, pp.411-419, 2017 (Peer-Reviewed Journal)
- IX. **Ferroelektrik Ve Paraelektrik Fazdaki SSbI Elektronik ve Mekanik Özelliklerinin Ab İnitio Hesabı**
Özer T., ÇABUK S.
Journal of Science And Engineering, vol.34, no.1, pp.78-88, 2016 (Non Peer-Reviewed Journal)
- X. **Ferroelektrik ve Paraelektrik Fazdaki SbSI Elektronik ve Mekanik Özelliklerinin Ab İnitio Hesabı**
ÖZER T., ÇABUK S.
Ç. Ü. Fen ve Mühendislik Dergisi, vol.34, no.1, pp.78-88, 2016 (Peer-Reviewed Journal)
- XI. **Linear and nonlinear optical susceptibilities in some ferroelectrics: Ab-initio calculation**
Akkuş H., ÇABUK S., Mamedov A. M.
Int. J. Nanoelectronics and Materials, vol.3, pp.37-51, 2010 (Scopus)
- XII. **Stimulated Polarization in LiNbO₃ and Ba₂Nb₅O₁₅ Crystals**
ÇABUK S., Mamedov A. M.
Turkish J. Of Physics, vol.26, pp.19-24, 2002 (Peer-Reviewed Journal)
- XIII. **SnO₂/Cu₂O and ZnO/Cu₂O Thin Film Solar Cells**
Gümüş C., ÇABUK S., Engin R.
Marmara Üniversitesi Fen Bilimler Dergisi, vol.15, pp.23-32, 1999 (Peer-Reviewed Journal)
- XIV. **A Study of the LiNbO₃ and LiTaO₃ Absorption Edge**
ÇABUK S., Mamedov A. M.
Turkish J. Of Physics, vol.22, pp.41-45, 1998 (Peer-Reviewed Journal)
- XV. **The Energy Loss Spectrum in Oxygen-Octahedron Ferroelectric**
Mamedov A. M., Güngör S., ÇABUK S.
Turkish J. Of Physics, vol.19, pp.766-772, 1995 (Peer-Reviewed Journal)
- XVI. **Thin Film SnO₂/Cu₂O Solar Cells**
ÇABUK S., Engin R.
Ç. Ü. Fen ve Mühendislik Bilimler Dergisi, vol.5, pp.77-82, 1991 (Peer-Reviewed Journal)
- XVII. **A DFT study of structural and electronic properties of some B-12-based compounds under hydrostatic pressure**
Ozcan M., Cabuk S.
PHYSICA SCRIPTA, vol.98, no.4, 1 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **A GGA+U Study of Electronic and Mechanical Properties of SeZnO₃**
ÇABUK S.
Turkish Physical Society 34th International Physics Congress, Muğla, Turkey, 5 - 09 September 2018, pp.259
- II. **Electronic, Magnetic and Elastic Properties of SeNiO₃: LSDA+U Calculation**
ÇABUK S.
:Turkish Society 34th International Physics Congress, Muğla, Turkey, 5 - 09 September 2018, pp.471
- III. **A Theoretical Study on Structural and Elastic Properties of Ti₃Al**
ÖZER T., KARATAŞLI M., ÇABUK S.
International Advanced Researches Engineering Congress-2017, Osmaniye, Turkey, 16 - 18 November 2017, pp.740-742
- IV. **Ab Initio Study Of Structure And Elastic Properties Of Ab YAl And YAl₂**
Özer T., Karataşlı M., ÇABUK S.
International Conference On Material Science And Technology, Nevşehir, Turkey, 11 - 13 September 2017, pp.297
- V. **Ab Initio Study Of Structure And Elastic Properties Of Yal And YAl₂**
ÖZER T., karataşlı M., ÇABUK S.
International Conference On MaterialScience And Technology, 11 - 13 September 2017

- VI. **The First-principles Investigation Of The Structural And Mechanical Properties Of Alpha - Rhombohedral Boron (Alfa - B12) Under Pressure**
Özcan M., ÇABUK S.
Turkish Physical Society 33rd International Physical Congress, 6 - 10 September 2017
- VII. **Principles Calculations On The Mechanical Properties Of LnScO₃ (Ln = Sm, Nd, Tb, Eu, Pr) Compounds**
Fehime Hayal G., ÇABUK S.
Physical 33rd International Physical Congress, 6 - 10 September 2017
- VIII. **Electronic Properties Of Some Rare-earth Scandates : Ab -Initio Study**
Fehime Hayal G., ÇABUK S.
Turkish Physical Society 33rd International Physics Congress, 6 - 10 September 2017
- IX. **Investigation of Structural and Dynamic Properties in alfa PbO₂ Phase of SnO₂ Under Pressure**
ÖZER T., ÇABUK S., KARATAŞLI M.
Turkish Physical Society 32 nd International Physics Congress, Bodrum, Turkey, 6 - 09 September 2016
- X. **Investigation of mechanical properties of SnO₂ crystals in CaCl₂ type structure**
Özer T., ÇABUK S., Karataşlı M.
2nd International Congress on the World of Technology and Advanced Materials, Kırşehir, Turkey, 28 September - 02 October 2016, pp.11
- XI. **Investigation of structural and dynamic properties in α -PbO₂ phase of SnO₂ under pressure**
Özer T., ÇABUK S., Karataşlı M.
Turkish Physics Society 32nd International Congress, Muğla, Turkey, 6 - 09 September 2016, pp.386
- XII. **PHYSICAL PROPERTIES OF LiTaO₃ FERROELECTRIC AND PARAELECTRIC PHASES**
TOKSOY F., ÇABUK S.
9th INTERNATIONAL PHYSICS CONFERENCE OF THE BALKAN PHYSICAL UNION, 24 - 27 August 2015
- XIII. **INVESTIGATION OF MECHANICAL PROPERTIES OF SbX S Se Te I CRYSTALS IN PARAELECTRIC PHASE**
ÖZER T., ÇABUK S., KARATAŞLI M.
9th INTERNATIONAL PHYSICS CONFERENCE OF THE BALKAN PHYSICAL UNION, 24 - 27 August 2015
- XIV. **LATTİCE DYNAMICS OF SbTeI CRYSTAL**
ÖZER T., ÇABUK S., KARATAŞLI M.
9th INTERNATIONAL PHYSICS CONFERENCE OF THE BALKAN PHYSICAL UNION, 24 - 27 August 2015
- XV. **First-Principles calculation of electronic and optical properties of SbTeI**
ÇABUK S., Özer T.
Turkish Physical Society 31ST International Physical Congress, Muğla, Turkey, 21 - 24 July 2014, pp.140
- XVI. **Ab Initio of elastic properties and anisotropy of SbTeI**
ÇABUK S., Özer T.
Turkish Physical Society 31ST International Physical Congress, Muğla, Turkey, 21 - 24 July 2014, pp.141
- XVII. **Ferroelektrik SbSI kristalinin Yapısal, Elektronik ve Dinamik Özelliklerinin İncelenmesi: Ab İnitio hesabı**
Özer T., ÇABUK S.
Turkish Physical Society 30th International Physical Congress, İstanbul, Turkey, 2 - 05 September 2013, pp.177
- XVIII. **SbSeI Kristalinin Yapısal, Elektronik ve Elastik Özelliklerinin İncelenmesi**
Özer T., ÇABUK S.
Turkish Physical Society 30th International Physical Congress, İstanbul, Turkey, 2 - 05 September 2013, pp.176
- XIX. **Paraelektrik SbSI Kristallerinin Yapısal, Elektronik, Elastik ve Titreşim Özelliklerinin İncelenmesi.**
Özer T., ÇABUK S.
Turkish Physical Society 30th International Physical Congress, İstanbul, Turkey, 2 - 05 September 2013, pp.175
- XX. **BiAlO₃ Kristallerinin Yapısal, Elektronik ve Elastik Özelliklerinin İncelenmesi**
Köroğlu U., ÇABUK S., Deligöz E.
29th International Physics Congress, Muğla, Turkey, 5 - 08 September 2012, pp.209
- XXI. **BiCoO₃ Kristallerinin yapısal, elektronik ve elastik özelliklerinin incelenmesi**
Köroğlu U., ÇABUK S., Deligöz E.

- Yoğun Madde Fiziği ? İzmir Toplantısı, İzmir, Turkey, 06 April 2012, pp.20
- XXII. **Alfa-MnS'nin yapısal, elektronik ve dinamik özelliklerinin ab initio yöntemiyle incelenmesi**
Kavcı O., ÇABUK S.
Yoğun Madde Fiziği ? İzmir Toplantısı, İzmir, Turkey, 06 April 2012, pp.76
- XXIII. **Oda sıcaklığında AgTaO₃ kristalinin elektronik ve dinamik özelliklerinin incelenmesi: Ab initio hesabı**
ÇABUK S., Şimşek Ş.
18. Yoğun Madde Fiziği ? Ankara Toplantısı, Ankara, Turkey, 25 November 2011, pp.10
- XXIV. **Electronic, Linear and Nonlinear Optical Properties of LiTaO₃ : First-Principles Calculations**
Şimşek Ş., ÇABUK S.
2nd International Meeting on Materials for Electronic Applications, IMMEA-2009, Hammamet, Tunisia, 8 - 10 May 2009, pp.2
- XXV. **Linear and Nonlinear Susceptibilities in Some Ferroelectrics: Ab initio Calculation**
Akkuş H., ÇABUK S., Mamedov A. M.
IMMEA 2009, Hammamet, Tunisia, 8 - 10 May 2009, pp.19
- XXVI. **Paraelektrik fazdaki AgTaO₃ kristalinin elektronik ve optik özelliklerinin incelenmesi: Ab initio hesabı**
Şimşek Ş., ÇABUK S.
14. Yoğun Madde Fiziği ? Ankara Toplantısı, Ankara, Turkey, 02 November 2007, pp.14
- XXVII. **Nonlinear and Electro-optical Properties of Some Ferroelectrics**
ÇABUK S., Mamedov A. M.
Fotonik 2007, Ankara, Turkey, 28 September 2007, pp.12
- XXVIII. **İlk Prensipl Yöntemiyle AgNbO₃ Kristalinin Elektronik ve Optik Özelliklerinin İncelenmesi**
Şimşek Ş., ÇABUK S.
24th International Physics Congress, Malatya, Turkey, 28 - 31 July 2007, pp.139
- XXIX. **Paraelektrik fazdaki NaNbO₃ kristalinin elektronik ve optik özelliklerinin incelenmesi**
ÇABUK S.
13. Yoğun Madde Fiziği - Ankara, Ankara, Turkey, 03 November 2006, pp.113
- XXX. **BaTiO₃ kristalindeki dipol etkileşiminin bilgisayar simülasyonu**
ÇABUK S., Yavuz Ö.
12. Yoğun Madde Fiziği - Ankara Toplantısı, Ankara, Turkey, 18 November 2005, pp.17
- XXXI. **Computer Simulation of Ferroelectric Properties of BaTiO₃**
ÇABUK S.
Türk Fizik Derneği 23. Fizik Kongresi, Muğla, Turkey, 13 September 2005, pp.1319-1322
- XXXII. **Argand Diagram And Oscillation Description Of Electron State In Ferroelastic Crystals**
ÇABUK S., Mamedov A. M.
The Fourth International Seminar On Ferroelastics Physics, Voronezh, Russia, 15 - 18 September 2003, pp.32
- XXXIII. **Optoelectronic Implementation of Multilayer Neural Networks in a Single Photorefractive Crystals**
Mamedov A. M., ÇABUK S.
International Conference Piezotechnics-99, Rostov-Don, Russia, 8 - 11 August 1999, pp.241
- XXXIV. **Photoferroelectric Based Optical Neural Network**
Mamedov A. M., ÇABUK S., ISAYEV N. A.
New Trends In Artificial Intelligence & Neural Networks, Ankara, Turkey, 5 - 07 May 1997, pp.232-236

Supported Projects

ÇABUK S., Geçit F. H., Project Supported by Higher Education Institutions, LnScO₃ (Ln=La, Pr, Nd, Sm Eu Tb Bileşiklerinin Elektronik, Mekanik, Dinamik ve Optik Özelliklerinin İncelenmesi: Ab İnitio Hesabı, 2016 - 2022

ÇABUK S., Project Supported by Higher Education Institutions, LiTaO₃ Kristalinin Yapısal, Elektronik ve Dinamik Özelliklerinin Ab İnitio Yöntemiyle İncelenmesi, 2012 - 2019

ÇABUK S., ATLI G., KAYDAN B., Project Supported by Higher Education Institutions, Çukurova Üniversitesi İmamoğlu Meslek Yüksekokulu Kimya ve Kimya İşleme Teknolojileri Bölümü Laboratuvar Teknolojisi Programı Alt Yapı Geliştirme

Projesi, 2016 - 2017

ÇABUK S., Project Supported by Higher Education Institutions, SnS, SnSe ve GeS BİLEŞİKLERİNİN BASINÇ ALTINDA ELEKTRONİK ve LİNEER OPTİK ÖZELLİKLERİNİN İNCELENMESİ, 2015 - 2017

ÇABUK S., Project Supported by Higher Education Institutions, SbXI (X=S, Se, Te) Bileşiklerinin Yapısal, Dinamik ve Termodinamik Özelliklerinin Ab İnitio Yöntemiyle İncelenmesi, 2011 - 2016

ÇABUK S., Project Supported by Higher Education Institutions, Uluslararası Yayınları Özendirme Desteği (3 Adet), 2013 - 2015

ÇABUK S., Project Supported by Higher Education Institutions, Bazı AB03 Bileşiklerinin Mekanik ve Dinamik Özelliklerinin İncelenmesi, 2013 - 2015

ÇABUK S., Project Supported by Higher Education Institutions, AXO3(X=Al, Co, Cr, Sc, Y) Tipi Kristallerin Dinamik Özelliklerinin Ab İnitio Yöntemiyle İncelenmesi, 2011 - 2015

Metrics

Publication: 77

Citation (WoS): 293

Citation (Scopus): 295

H-Index (WoS): 10

H-Index (Scopus): 10